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<tr>
<td>New Year’s Day</td>
<td>Mon., January 2 (Observed)</td>
<td>Mon., January 1</td>
<td>Tues., January 1</td>
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<tr>
<td>Martin Luther King, Jr. Day</td>
<td>Mon., January 16</td>
<td>Mon., January 15</td>
<td>Mon., January 21</td>
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<tr>
<td>Memorial Day</td>
<td>Mon., May 29</td>
<td>Mon., May 28</td>
<td>Mon., May 26</td>
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<tr>
<td>Independence Day</td>
<td>Tues., July 4</td>
<td>Wed., July 4</td>
<td>Fri., July 4</td>
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<tr>
<td>Labor Day</td>
<td>Mon., September 4</td>
<td>Mon., September 3</td>
<td>Mon., September 1</td>
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<tr>
<td>Veteran’s Day</td>
<td>Fri., November 10 (Observed)</td>
<td>Mon., November 12 (Observed)</td>
<td>Tues., November 11</td>
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<tr>
<td>Thanksgiving Day</td>
<td>Thurs., November 23</td>
<td>Thurs., November 22</td>
<td>Thurs., November 27</td>
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<td>Friday After Thanksgiving</td>
<td>Fri., November 24</td>
<td>Fri., November 23</td>
<td>Fri., November 28</td>
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For registration dates, see the Registration Guide available online at [http://registrar.fsu.edu](http://registrar.fsu.edu).

## Admission/Readmission/Special/Transient Application Deadlines

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<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
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<tr>
<td><strong>Undergraduate</strong></td>
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<tr>
<td>Freshman</td>
<td>February 14</td>
<td>November 1</td>
<td>February 14</td>
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<tr>
<td>Transfer</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
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<tr>
<td>Graduate*</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
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<tr>
<td><strong>Readmission</strong></td>
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<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate*</td>
<td>July 1</td>
<td>November 1</td>
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<tr>
<td><strong>Special Student</strong></td>
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<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
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<tr>
<td>Graduate*</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
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<tr>
<td><strong>Transient Student</strong></td>
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<tr>
<td>Undergraduate**</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
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*Many graduate programs have earlier deadlines than the University-wide published dates. Contact the program you wish to apply to for the applicable admission deadline. Programs which use the University-wide dates may have earlier deadlines for consideration for financial awards.

** Includes Tallahassee Community College/The Florida State University Cooperative Program.

The University reserves the right to close earlier, if warranted by enrollment limitations.
FALL 2006 ACADEMIC CALENDAR

Note: The dates and times listed below are subject to change. Please refer to http://registrar.fsu.edu/dir_class/fall/acad_cal.htm for the most up-to-date information.

Mar. 13–April 21, 2006 Registration for continuing and readmitted students.

July 1, 2006 Last day community college students can apply for Fall 2006 Cooperative Program Registration.


Aug. 19, 2006 Residence Halls open at 9:00 a.m.

Aug. 23, 2006 Registration begins for all new FSU degree-seeking students (Graduate): 8:00 a.m.–midnight.

Aug. 25, 2006 Last day to file for change in residency status.

Aug. 26–Aug. 31, 2006 Florida National Guard Registration (for those using National Guard waivers.) Drop/Add, (Includes Law School) 8:00 a.m.–midnight.


Aug. 28–Aug. 31, 2006 Late Registration ($100.00 late registration fee.) FAMU—FSU Co-op Program Registration at the Office of the University Registrar: 8:00 a.m.–5:00 p.m.

Aug. 28–Sept. 8, 2006 Fee Payment at A1500 University Center. For account status and fee payments visit http://www.fees.fsu.edu.

Aug. 31, 2006 Last day to Drop/Add and have fees adjusted. Students are liable for all fees for courses still on their schedules at midnight. Last day to add a course without academic dean's permission.

Sept. 1, 2006 Fifth Day of Classes. Last day to cancel enrollment and have fees removed. Last day to submit waivers or billings. Registration for state employees (non-FSU employees) using State Employee Fee Waivers, 8:00 a.m.–5:30 p.m. Last day to request VA deferment from VA representative in Registrar’s Office.


Sept. 6, 2006 Financial aid available via EFT in FSUCard accounts. First day to apply for financial aid deferments and delayed delivery loans.

Sept. 8, 2006 Last day to register for CLAST exam. Last day to file for Fall 2006 Graduation at the Office of the University Registrar. Last day to pay or defer fees for all students, including veterans who are not using a veteran deferment, without a $100 late fee. Veterans should contact a VA representative with questions.


Oct. 13, 2006 End of seventh week of semester. Last day to reduce course load without permission of academic dean. Dean’s permission required to drop below twelve (12) semester hours. Last day to drop a course without receiving a grade. Last day to withdraw without receiving a grade. Last day to submit form requesting S/U grading or to change S/U option back to regular grade.


Nov. 1, 2006 Last day community college students can apply for Spring 2007 Cooperative Program Registration.


Nov. 10, 2006 Veteran’s Day Holiday. No Classes.

Nov. 13, 2006 Official Thesis/Dissertation copies due to manuscript clearance advisor, 408 Westcott.

Nov. 17, 2006 End of 12th week. Last day to petition Dean for late drops. Homecoming: No classes after 1:10 p.m.

Nov. 23–24, 2006 Thanksgiving Day Holiday. No classes.

Nov. 29, 2006 Financial Aid Exit Interviews Deadline, for all students with federal loans graduating, transferring or taking less than six (6) semester hours at http://www.studentsfirst.fsu.edu.

Dec. 6, 2006 Last day to turn in ServScript verification forms.

Dec. 8, 2006 Last Day of Classes.

Dec. 11–15, 2006 Final Examination Week.

Dec. 15, 2006 Semester Ends.

Dec. 16, 2006 Residence Halls close at noon. Commencement: Civic Center, 9:00 a.m. Diplomas dated this date.

Dec. 19, 2006 All grades due to the Office of the University Registrar at 4:00 p.m.

Dec. 20, 2006 Grades available online.
Required First Day Attendance Policy

University-wide policy requires all students to attend the first day of class meeting of all classes for which they are registered. Students who do not attend the first class meeting of a course for which they are registered will be dropped from the course by the academic department that offers the course. This policy applies to all levels of courses and to all campuses and study centers. It remains the student’s responsibility to verify course drops and check that fees are adjusted. Please refer to ‘Class Attendance’ in the “Academic Regulations and Procedures” chapter in this Bulletin for additional information.

Equal Employment Opportunity and Non-Discrimination Statement

The Florida State University is committed to a policy of non-discrimination for any member of the university community on the basis of race, creed, color, sex, religion, national origin, age, disability, veteran’s or marital status, or any other protected group status. This policy applies to faculty, staff, students, visitors and contractors in a manner consistent with applicable federal and state laws, regulations, orders and rules, and university policies, procedures and processes.

The University’s standards of civility and collegiality recognize the dignity and value that each person contributes. In pursuing its mission of excellence as a comprehensive, graduate-research university with a liberal arts base, it is the policy of The Florida State University to create and maintain a harmonious, high performing work and educational environment. It is management’s intent for the work environment to be conducive to the betterment of the University.

The Florida State University realizes that there is an advantage in incorporating diversity and inclusion to achieve its mission and objectives. Further, it is the aim of the University in all lawful ways to carry forward its stance by:

- Ensuring accessibility of programs, services and activities to all users;
- Implementing policies and procedures that ensure that opportunities are available equitably to all;
- Building a multidimensional, diversified workforce reflective of availability;
- Fostering leadership and direction that guarantee an accountable, highly participatory, effective institution of higher learning at all levels; and
- Communicating the same to all individuals in various formats as applicable.

To facilitate or otherwise ensure university-wide access and compliance in the areas of equal opportunity, equity and affirmative action, the University President has appointed a Director of Diversity Enhancement and Compliance, Cheryl Seals-Gonzalez, within Human Resources. This person shall foster diversity and inclusion in university-wide education programs and employment activities through collaboration with the Office of the Dean of the Faculties and all other divisions and departments. Further, Human Resources and the Office of the Dean of the Faculties serve the University in helping to create an educational environment that promotes fairness, respect and trust that is free from mistreatment, discrimination and harassment.

Questions, complaints, issues and concerns regarding the above may be directed to your manager or supervisor, or Cheryl Seals-Gonzalez, Director, Office of Diversity Enhancement and Compliance at (850) 644-8082, or Jerry Rivera, Manager, Office of Diversity Enhancement and Compliance at (850) 644-8142.

Persons with Disabilities

The Florida State University adheres to Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA) in prohibiting discrimination against any qualified person with a disability. Any student with a disability may voluntarily self-report the nature of the disability and identify needed accommodations to the Student Disability Resource Center, 108 Student Services Building. For matters related to employment and reasonable accommodations, contact the Florida State University Human Resources/Office of Diversity Enhancement and Compliance, University Center, Bldg. A, Suite 6200, or call (850) 644-8142.

HIV/AIDS Policy

Students, employees, and applicants for admission or employment at The Florida State University who have or who may become infected with the HIV virus will not be excluded from enrollment or employment or restricted in their normal responsibilities and access to University services or facilities due to their HIV/AIDS status, unless individual medically based judgments establish that exclusion or restriction is necessary for the welfare of the individual or of other members of the University community. That is, the University will not discriminate against otherwise qualified HIV-infected applicants, students, or employees.

The Florida State University Committee on HIV/AIDS is responsible for monitoring developments with regard to HIV/AIDS, acting upon and administering the policies of the Florida Department of Education Division of Colleges and Universities and the University concerning HIV/AIDS and coordinating the University’s efforts in educating the University community on the nature and prevention of the disease. In addition, The Florida State University Committee on HIV/AIDS meets as needed to consider special problems related to HIV/AIDS that require University action.

The University will be guided in its implementation of this policy by current authoritative medical information, applicable federal and state law, Florida Department of Education Division of Colleges and Universities’ HIV/AIDS Policy, and the guidelines suggested by the Centers for Disease Control, the Public Health Service, the American College Health Association, and the Florida Department of Health.

The Florida State University has designated HIV/AIDS counselors who are available to the University community. These counselors are: Celeste Paquette, M.D., Medical Director, Thagard Student Health Center, (850) 644-2026; and James Hennessey, Ph.D., Student Counseling, (850) 644-2003. Anonymous HIV testing is available for students and staff at Thagard Student Health Center. Any interested individuals should call (850) 644-8871 to schedule an appointment.

Sexual Harassment Policy

1. Policy Statement: Sexual harassment is a form of discrimination based on a person’s gender. Sexual harassment is contrary to the University’s values and moral standards, which recognize the dignity and worth of each person, as well as a violation of federal and state laws and University rules and policies. Sexual harassment cannot and will not be tolerated by The Florida State University, whether by faculty, students, or staff or by others while on property owned by or under the control of the University.

2. Office of Audit Services: The Office of Audit Services (OAS) is charged with receiving and investigating sexual harassment complaints as set forth in this policy and shall maintain the records pertaining thereto. Within the OAS, the Coordinator of Sexual Harassment Resolutions has primary responsibility for leading these investigations.

3. Definition: Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature directed at an employee or student by another when:

a. Submission to such conduct is made either explicitly or implicitly a term or condition of employment, academic status, receipt of University services, participation in University activities and programs, or affects the measure of a student’s academic performance; or,

b. Submission to or rejection of such conduct is used as the basis for a decision affecting employment, academic status, receipt of services, participation in University activities and programs, or the measure of a student’s academic performance; or,
c. Such conduct has the purpose or effect of unreasonably interfering with employment opportunities, work or academic performance or creating an intimidating, hostile, or offensive work or educational environment.

4. Examples of Sexual Harassment: Incidents of sexual harassment may involve persons of different or the same gender. They may involve persons having equal or unequal power, authority or influence. Though romantic and sexual relationships between persons of unequal power do not necessarily constitute sexual harassment, there is an inherent conflict of interest between making sexual overtures and exercising supervisory, educational, or other institutional authority. Decisions affecting an employee’s job responsibilities, promotion, pay, benefits, or other terms or conditions of employment, or a student’s grades, academic progress, evaluation, student status, recommendations, references, referrals, and opportunities for further study, employment or career advancement, must be made solely on the basis of merit.

Examples of sexual harassment include, but are not limited to, the following, when they occur within the circumstances described in Section (3) above:

a. Use of gender-based verbal or written language, including electronic communications offensive or degrading to a person of that gender, whether or not the content is sexual;

b. Inappropriate display of gender-based pictorial images offensive or degrading to a person of that gender, including but not limited to sexual posters, photographs, cartoons, drawings, or other displays of sexually suggestive objects or pictures;

c. Use of inappropriate gestures or body language of a sexual nature, including leering or staring at another;

d. Unwelcome requests or demands for sexual favors or unwelcome sexual advances;

e. Inappropriate nonconsensual touching of another’s body, including but not limited to kissing, pinching, groping, fondling, or blocking normal movement; or

f. Sexual battery. (Note: Some acts of sexual harassment may also constitute violations of criminal law, e.g., sexual battery, indecent exposure, sexual abuse, etc. In such instances, please refer to the FSU Sexual Battery Policy.)

5. Disciplinary and Other Actions: Sexual harassment is prohibited by The Florida State University. The University will take appropriate action against any person found to be in violation of this policy.

Note: A person who has sexually harassed another or retaliated against another may also be subject to civil or criminal liability under state or federal law.

a. Disciplinary Actions. Any employee who has sexually harassed another employee or a student, retaliated against such person for bringing a complaint of sexual harassment, or otherwise violated this policy shall be guilty of misconduct and subject to disciplinary action up to and including dismissal, in accordance with applicable law, rules, policies, and/or collective bargaining agreements. In addition, any student who has sexually harassed another student or an employee, retaliated against such person for bringing a complaint of sexual harassment, or otherwise violated this policy may be subject to disciplinary action up to and including expulsion, pursuant to the Student Code of Conduct. The term “employee” includes all persons employed by the University including faculty and graduate teaching assistants.

b. Other Actions. The University will take such corrective action against any non-students or non-employees found to have violated this policy, as may be appropriate under the circumstances.

6. Retaliation: Retaliation against one who in good faith brings a complaint of sexual harassment or who in good faith participates in the investigation of a sexual harassment complaint is prohibited and shall be a violation of this policy and shall constitute misconduct subject to disciplinary or other action as described in Section (5) above.

7. Filing of False Sexual Harassment Complaint: Knowingly filing a false sexual harassment complaint is prohibited and shall be a violation of this policy and shall constitute misconduct subject to disciplinary action as described in Section (5) above. A complaint that is investigated and deemed unsubstantiated is not necessarily a false complaint.

8. Reporting Required: Any student or employee who has witnessed what is perceived to be a violation of this policy should promptly report that conduct to the OAS, who then will proceed as appropriate. Any supervisor who has witnessed or becomes aware of the alleged occurrence of sexual harassment by, or who receives a complaint of sexual harassment involving a person within that supervisor’s purview is required to take prompt corrective action as appropriate, and to report the matter, if possible, within two work days to the OAS. Failure of the supervisor to take appropriate corrective action or to report the incident shall be a violation of this policy and shall constitute misconduct subject to disciplinary action as described in Section (5) above.

Note: For the purposes of this policy, the term “supervisor” shall be deemed to include vice presidents, deans, directors, department chairs, unit heads, supervisors, principal investigators, etc.; faculty when acting in a supervisory capacity or within the faculty-student role; and graduate research assistants, teaching assistants, lab technicians, residence hall coordinators, etc.

9. Complaint Procedure:

a. Filing of Complaint. Any student or employee who believes that he or she is a victim of sexual harassment in violation of this policy is encouraged to promptly notify the alleged perpetrator (the “respondent”) verbally or in writing that his or her conduct is unwelcome. Such action may cause the unwelcome conduct to cease as well as help to maintain an environment free from sexual harassment. Assistance and support is available from the Office of the Dean of the Faculties (for faculty), the Office of the Dean of Students (for students), or the Department of Human Resources (for non-faculty employees). Regardless of having given notice to the respondent, the student or employee (the “complainant”) may initiate a complaint under this policy by promptly bringing the matter to the attention, preferably in writing by completing the complaint form, of any of the following:

• The Office of Audit Services;
• The Office of the Dean of the Faculties;
• The Office of the Dean of Students;
• The Department of Human Resources;
• A student’s school or college dean; or,
• An employee’s immediate or next immediate supervisor.

All complaints should be filed in a timely manner. Complaints filed for acts that occurred more than one year from the filing date of the complaint will generally not be investigated unless appropriate in the judgment of the OAS.

b. Preparing a Complaint: The complainant should provide the following information to facilitate a prompt and thorough investigation:

• The names, addresses, telephone numbers, administrative unit, and position or status of the complainant and the respondent, if known;
• Specific acts alleged, including dates, times, and locations;
• Names, addresses, and phone numbers of potential witnesses;
• The effect the alleged acts have had on the complainant;
• Actions the complainant may have taken to attempt to stop the harassment;
• Complainant’s suggestion of proposed action to address or resolve the harassment; and
• Other information the complainant believes is relevant.

c. Transmitting a Complaint to the OAS: The complaint shall immediately be forwarded to the OAS. If the complaint is verbal, the person receiving the complaint shall make a written summary thereof on the complaint form and request the complainant to sign it.

d. Reviewing a Complaint. The OAS will make an initial determination whether the alleged perpetrator is a student or employee. If the alleged perpetrator is identified as one who is not a student or employee, then the OAS will refer the matter
to the Office of the General Counsel for appropriate action. If the OAS determines that the alleged perpetrator is a student or employee, the OAS will review the complaint to determine whether the acts complained of, as stated by the complainant, constitute a violation of this policy, and if not, the complainant will be so informed. If the OAS determines the alleged acts may constitute a violation of this policy, investigation will proceed as set forth in Section (10) below, unless the matter is satisfactorily resolved as in the following paragraph (e).

e. Notifying the Respondent and Supervisor; Informally Resolving a Complaint; Withdrawing a Complaint: The OAS will notify the respondent and his or her appropriate supervisor of the allegations contained in the complaint. In an effort to informally resolve the complaint, the OAS will elicit from the complainant, proposed actions the complainant believes are necessary to address or resolve the alleged harassment. The OAS will discuss these proposed actions with the respondent and with appropriate levels of management. The respective parties will also have the opportunity to propose other means of resolution. Thus, if the matter can be resolved informally, or if the complainant chooses to withdraw the complaint, the complainant will sign a statement outlining the informal resolution and releasing the University from taking any further action. If the matter is not resolved at this stage, the complaint will be investigated as set forth in Section (10) below.

10. Investigation: The following procedures will govern all investigations of complaints alleging violations of this policy:

a. The OAS will thoroughly investigate complaints alleging violations of this policy with the assistance, as needed, of the following: the Office of the Dean of the Faculties, the Department of Human Resources, and/or the respondent’s supervisor(s), except in cases where the respondent is a student. If the respondent is a student, the OAS will forward a copy of the complaint and any associated materials to the Office of the Dean of Students, which will, if appropriate, adjudicate the matter under the Code of Student Conduct. The Dean of Students shall notify the OAS of the outcome.

b. The investigation should include interviewing the complainant and witnesses suggested by the complainant who may have knowledge of the offending behavior. Employees and students shall fully cooperate in the investigation.

c. The respondent will be given an opportunity to respond to the complaint verbally and in writing and may suggest additional witnesses.

d. The investigation should also include interviewing such other witnesses as are deemed appropriate under the circumstances.

e. The investigation should include a review of any files and records of previous sexual harassment complaints against the respondent and any other documents deemed relevant.

f. All witnesses who provide relevant information should submit a written, signed statement attesting to their knowledge of the subject circumstances.

g. Confidentiality of the investigation will be maintained to the extent allowed by law.

11. Report of OAS: The OAS will prepare a report setting forth its findings and a determination concerning violation of this policy. The report should be completed within 120 days following the filing of the complaint, where feasible, and will be submitted to the appropriate vice president of the respondent’s unit or department.

12. Subsequent Action: The vice president will make a determination upon review of the OAS’s report, consultation with the Dean of the Faculties or the Director of Human Resources, and consideration of any other relevant information, including aggravating or mitigating circumstances, whether disciplinary action is warranted under the circumstances. If the vice president determines that disciplinary action should be initiated, then, consistent with due process requirements, the respondent will be notified in accordance with applicable Florida Board of Education and University rules and policies and collective bargaining agreements, and appropriate disciplinary procedures as provided for therein will be followed. Regardless of whether formal disciplinary action is initiated, the University may take such informal corrective action as may be appropriate under the circumstances. The vice president will notify the OAS of the outcome. The OAS will notify the complainant of the results of the investigation and subsequent disciplinary or other corrective action taken, if any, to the extent allowed by law. The OAS will notify the respondent of the results of the investigation when no policy violation is found and no further action planned.

13. Distribution of Policy: Copies of this policy are available to all current and future employees and students at The Florida State University in hard copy (policy brochures, student handbooks, the General and Graduate Bulletins, etc.), electronic format (http://www.auditservices.fsu.edu), and will be made available in alternative format upon request. Any person involved in the process under this policy needing accommodations for a disability should notify the OAS.

14. Applicability: This policy supersedes any and all prior University policies regarding complaints of alleged acts of sexual harassment.

15. Effective Date: The effective date of this policy is July 1, 1998 as amended December 31, 2002, and January 6, 2004.

16. Where To Go For Help: Any member of the university community may report sexual harassment to The Office of Audit Services, 407 Westcott Building, (850) 644-6031, or by calling The Florida State University Sexual Harassment Hotline, (850) 644-9013. Staff is also available in the following offices to assist victims of sexual harassment: A student victim may report to Dean of Students, 4322 University Center A, (850) 644-2428; a faculty victim may report to Dean of Faculties, 314 Westcott Building, (850) 644-6876; an A&P, USPS or OPS victim may report to Human Resources, 6224 University Center A, (850) 644-6475.
Mission Statement
(Approved by BOR, July 28, 1988; revised, May 21, 1999; updated 2002)

Mission: The Florida State University is a comprehensive, graduate-research university with a liberal arts base. It offers undergraduate, graduate, advanced graduate, and professional programs of study; conducts extensive research, and provides service to the public in accord with its statewide mission. The University’s primary role is to serve as a center for advanced graduate and professional studies while emphasizing research and providing excellence in undergraduate programs.

In accordance with the University’s mission, faculty members have been selected for their commitment to excellence in teaching, their ability in research and creative activity, and their interest in public service. Among the faculty are recipients of many national and international honors, who have included four Nobel laureates and ten members of the National Academy of Sciences.

Given its history, location, and accomplishments, The Florida State University does not expect major changes in its mission during the next decade. Rather, it sees further refinement of that mission with concentration on its strong liberal arts base and on quality in its teaching, research, and public service. The University has established its reputation upon areas of strength by building excellence in the four components of the Science Development Program—physics, chemistry, psychobiology (now neuroscience), and statistics—together with the physical, biological, earth, and mathematical sciences closely related to them. Excellence in these and related areas, particularly materials science, resulted in relocation of the National High Magnetic Field Laboratory to Florida State. Enhancement of the fine and performing arts began with the establishment of the Center for Music Research in the already prestigious College of Music and includes prominent programs in Theatre, Dance, and the Visual Arts.

Within the areas of humanities, the Departments of English, Philosophy, Religion, and Humanities are particularly distinguished. Special emphasis in economic policy and government has been directed to the College of Social Sciences’ Departments of Economics, Geography, Political Science, Urban and Regional Planning, and School of Public Administration and Policy and to its DeVoe L. Moore and Family Center for Economic Policy and Government and the public policy components of the School of Criminology, the College of Social Work, and the College of Education.

The University’s location in the state’s capital city provides great opportunity for service and interaction among governmental agencies and the social science and professional schools, especially the colleges of Business and Law and the Pepper Institute on Aging and Public Policy. Special resources, such as the School of Computational Science and Information Technology and the Florida State Conference Center, enhance its ability to deliver such service. The University is strongly committed to its mission in international education. It provides study-abroad opportunities for its students and faculty through the Florence and London Study Centers, which it operates for the State University System, and through programs in Barbados, Costa Rica, the Republic of Panama, Switzerland, Russia, Cetamura, Italy, Oxford, England, and in Central and Eastern Europe. The University co-sponsors Florida bi-national linkage institutes in Costa Rica and France.

As a comprehensive residential state university, The Florida State University attracts students from every county in Florida, every state in the nation, and 135 foreign countries. The University is committed to high admission standards that ensure quality in its student body, which currently includes 137 National Merit, National Achievement and Hispanic scholars, as well as students with superior creative talents. It also provides alternative admission and highly successful retention programs for special student populations. Most students pursue a full-time course of study in normal progression from high school or undergraduate institutions. Graduate students, who comprise 20.0 percent of the student body, are enrolled in over 205 graduate degree programs of which 73, covering 138 fields, are doctoral. The median age of all students is 23.2 and approximately 10.3 percent, mostly graduate students, are over 31 years old.

A Summons to Responsible Freedom

Values and Moral Standards at The Florida State University

The moral norm, which guides conduct and informs policy at The Florida State University, is responsible freedom. Freedom is an important experience that the University, one of the freest of institutions, provides for all of its citizens: faculty, students, administrators, and staff. Freedom is responsibly exercised when it is directed by ethical standards.

As the Florida public university most deeply rooted in the liberal arts tradition, The Florida State University not only focuses on intellectual development, but as a community engaged in moral discourse, it also recognizes the need for the development of the whole person. The University maintains a comprehensive educational program ranging from classroom instruction to research and creative activities at the frontiers of human knowledge. These modes of searching for the truth are mutually enhancing and provide the context for the liberating experiences students gain from contact with ideas and individuals. Education based in the liberal arts provides an opportunity for students to learn to express themselves; to think critically both quantitatively and qualitatively; to gain an understanding of and respect for self and others; to understand the world by knowing more about its history, the role of science and technology, and social and cultural achievements; and to develop specialized talents for a vocation. This opportunity is provided with the conviction, as reflected in the University seal, that through such an educational experience one can come to a clearer understanding of the complex moral issues inherent in modern human life and can develop the knowledge and skills for effective and responsible participation in the world.

The Florida State University shares a commitment to the dignity and worth of each person and is guided in its many endeavors by that underlying value. Through academic activity, community involvement, social interaction, cultural experience, recreational and physical activity, and religious involvement, students find many avenues in the University community for the development of the whole person.

The University shares this society’s commitment to the rule of law and expects members of the community to abide by the laws of the city, state, and nation, as well as University rules and regulations.

The University aspires to excellence in its core activities of teaching, learning, research, creative expression, and public service and is committed to the integrity of the academic process. The Academic Honor Code is a specific manifestation of this commitment. Truthfulness in one’s claims and representations and honesty in one’s activities are essential in life and vocation, and the realization of truthfulness and honesty is an intrinsic part of the educational process.

The University is a place of both assent and dissent and is committed to academic freedom and civil dialogue. In a free and vigorous academic community an ongoing clash of ideas is to be expected and encouraged. The University has a special obligation to see that all have an opportunity to be heard.

The Florida State University is committed to nondiscrimination in matters of race, creed, color, sex, national origin, age, and disability. This commitment applies in all areas with students, faculty, and other University personnel. It addresses recruiting, hiring, training, promotions, and applicable employment conditions. It is also relevant to those aspects of the University concerned with the choice of contractors, suppliers of goods and services, and with the use of University facilities. The University believes in equal opportunity practices that conform to both the spirit and the letter of all laws against discrimination.

A responsible student recognizes that freedom means the acknowledgment of responsibility to the following: to justice and public order; to fellow students’ rights and interests; to the University, its rules, regulations, and accepted traditions; to parents, teachers, and all others whose support makes one’s advanced education possible; to city, state, and national laws; to oneself; and to the opportunity to develop specialized training and continuing education toward the ends of personal fulfillment and social service. Students are urged to use their freedom in the University community to develop habits of responsibility that lead to the achievement of these personal and social values. Responsible student behavior requires observance of the Student Conduct Code, which is based on respect for the dignity and worth of each person and the requirements for successful community life.
Relations among all persons should be characterized by mutual respect and equality. Sexism, sexual harassment, and sexual coercion of any sort are wrong and constitute a violation of fundamental moral requirements and state law. Minimally responsible behavior requires that no one take sexual advantage of another.

The University enforces all laws relevant to alcohol and controlled substances and further strongly discourages the use of illegal substances at any time. The University disseminates and encourages the dissemination by others of information concerning the responsible use of alcohol.

The cultural, ethnic, and racial diversity of the University community provides an opportunity for learning about those different from oneself. The University expects each individual to make a special effort to ensure that all are treated with dignity and respect and accorded the full opportunities of the University. Racism, whether in assumptions, attitudes, acts, or policies, is incompatible with the concept of responsible freedom as espoused by The Florida State University.

The University is a compassionate community. In its treatment of students, it recognizes the wisdom both of letting students experience the consequences of their actions and of providing the opportunity to learn and grow in ways that can overcome past difficulties. The University provides ongoing student support through the health center, counseling services, and the academic advising process.

The university experience is a time for adventure, fun, excitement, the making of new friends, and the discovery of new possibilities. There are numerous individual and organized opportunities for students to develop and to learn in the course of their university years to exercise newly acquired freedom deliberately and responsibly.

Matriculation to The Florida State University, then, is a summons to the exercise of responsible freedom in a community of teaching, learning, and discovery.

**Policy for the Use of Photographs and Videos in University Publications**

The Florida State University randomly and routinely photographs and makes videos on the main campus, branch campuses, and the international and departmental programs for educational and promotional purposes. These photographs and videos appear in official University publications and materials, which include but are not specifically limited to, General Bulletin (undergraduate and graduate), Registration Guide, Office of Admissions brochures, international program materials, departmental and college brochures, University Web sites, and other University information publications. For further information contact Media Relations at 644-4030.

**Integrity in Research and Creative Activity**

It is the policy of The Florida State University to uphold the highest standards of integrity in research and creative activity, and to protect the right of its employees to engage in research and creative activity. Detailed policies and procedures can be found in the Faculty Handbook.

**Notification to All Applicants for Admission and Students Attending The Florida State University**

This General Bulletin is not a contract, either expressed or implied, between the University and the student, but represents a flexible program of the current curriculum, educational plans, offerings and requirements that may be altered from time to time to carry out the administrative, academic, and procedural purposes and objectives of the University. The University specifically reserves the right to change, delete or add to any provision, offering, academic curriculum, program, or requirement at any time within the student’s period of study at the University. The University further reserves the right to withdraw a student from the University for cause at any time. Students are on notice that admission to the University or registration for a given semester does not guarantee the availability of a course at any specific time. Likewise, admission to the University or registration for a given program of study within the University, or a department or college of the University, is not a guarantee of a degree or of certification in a program.

**Garnet E-Mail Accounts for All Students at The Florida State University**

The official method of communication at The Florida State University is the ACNS Garnet e-mail account. In order to stay informed and aware, students are required to set up and maintain their account, and check it three times per week. To set up an e-mail account, students first must acquire an FSUCard. For more information concerning FSUCards, contact the FSUCard center at (850) 644-7777. Students may choose to forward their Garnet account to another e-mail account; however, they still will be responsible for all information distributed by the University to their Garnet account. For more information (including how to set up an account,) log on to http://cars.acns.fsu.edu or call the Office of Technology Integration Help Desk at (850) 644-8502, extension 1.

**Student Addresses**

Students are required to maintain their current local and permanent addresses with the university. Address updates may be done online at http://campus.fsu.edu or in person at the Office of the University Registrar, 3900 University Center A.
The Florida State University Statement for Students on the Unlawful Possession, Use, or Distribution of Illicit Drugs and Alcohol

Standards of Conduct

State of Florida statutes declare that it is unlawful for any person under 21 years of age to possess or consume alcoholic beverages. Consequently, no one under the legal drinking age may consume, distribute, or possess alcohol on University properties or as part of any University activity.

It is unlawful to sell, give, serve, or permit to be served alcoholic beverages to a person under 21 years of age. Furthermore, servers can be held civilly liable for damage caused by underage drinkers to whom they provided alcoholic beverages.

It is unlawful to be under the influence of, to use, possess, distribute, sell, offer, or agree to sell, or represent to sell, narcotics, hallucinogens, dangerous drugs, or controlled substances, except as where permitted by prescription or law.

Legal Sanctions

Alcohol Offenses

<table>
<thead>
<tr>
<th>Alcohol Offenses (Leon County)</th>
<th>Typical Penalty</th>
<th>Maximum Penalty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Possession or attempt to purchase alcohol by a person under 21 years of age.</td>
<td>First Offense: Diversion program; $180 fine; 10 hours community work program.</td>
<td>First Offense: 60 days jail; $500 fine.</td>
</tr>
</tbody>
</table>

Using a false driver’s license ID or allowing someone to use your driver’s license for an ID card.

Providing alcohol to a person under 21. | First Offense: Diversion program; $180 fine; 10 hours community work program. | First Offense: 60 days jail; $500 fine. |

Illicit Drugs Offenses

The penalty for possession (second-degree misdemeanor) is 60 days jail and $500 fine. Penalties for trafficking (first-degree felony) range up to 30 years imprisonment and fines of $500,000.

Risks Associated with the Use of Illicit Drugs and the Abuse of Alcohol

Alcohol consumption causes a number of marked changes in behavior. It may increase aggressiveness, lower inhibitions, cloud judgment, reduce resistance, and hamper the ability to make decisions. The effects of alcohol are related to dose, rate of intake, body size and percentage of body fluid, expectations, social environment, physical conditions (disease or, more commonly, hormonal cycles can be factors), enzyme differences, and concentration of alcohol in a drink. Alcohol first affects the area of the brain responsible for higher functions, such as decision-making and social inhibitions, suppressing an individual’s self-control. Alcohol in the blood slows reaction time, reduces muscle coordination and impairs eyesight, contributing to deficits in performance, judgement, memory, and motor skills. Even low doses significantly impair the judgement and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in a crash. Moderate doses of alcohol may increase the odds of a variety of aggressive acts (violent crimes), including murder, rape, assault, vandalism, spouse and child abuse, and drunk driving. High doses of alcohol often cause marked impairment in higher mental functioning, severely altering a person’s ability to learn and remember information, leading to blackouts and a general suspension of cognitive abilities. Heavy use may lead to various types of traumatic injury, chronic depression, suicide, fetal alcohol syndrome, respiratory failure, alcohol poisoning, and death.

Prolonged, heavy consumption of alcohol can result in long-term medical problems, including high blood pressure, increased risk of heart attack, pancreatitis, various cancers, cirrhosis of the liver, infectious diseases, mental disorders, and impairment of the central nervous system, all of which may lead to early death. Consistent use of alcohol can lead to tolerance, which is an indication of the body’s adjustment to regular drinking, and is a warning sign of alcohol abuse. High tolerance may be an inherited function, which many researchers think is a sign of genetic predisposition to alcoholism. Sudden cessation of alcohol intake by alcoholics is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions, which can be life-threatening.

Illicit drugs all have some health-threatening qualities—some more than others. Examples include increased heart rate and lung damage from marijuana; central nervous system disorders from cocaine, heroin, and hallucinogens; and liver, lung and kidney damage from inhalants. HIV infection also is spread widely among intravenous drug users. Even infrequent use of illicit drugs can result in physical afflictions, such as hangovers, cardiovascular damage, digestive problems, tremors, impaired sexual response, and injuries due to lost coordination. Other possible effects include reduced alertness and impaired performance at school or work, interpersonal conflicts, and financial difficulties. Dependence and addiction are constant threats to users of illicit substances. Regular abuse of these substances generally expose users to criminal elements, which may lead to involvement in further criminal activities.

Information on Alcohol and Drugs and Treatment Referral

Thagard Student Health Center’s Health Promotion Department, (850) 644-8871, provides educational workshops for any audience by request. It has an extensive reference library and refers students seeking assistance with alcohol and drug matters.

Additional resources include:
- The Tallahassee Telephone Counseling and Referral Service, (850) 224-NEED
- Narcotics Anonymous, (850) 599-2876.
- The Florida State University Student Counseling Center, (850) 644-2003, is available to students for counseling and support services.
- The Florida State University Marriage and Family Therapy Clinic, (850) 644-1588, provides limited treatment services.

Additional Information is available on the Internet at the following Web sites:

University Disciplinary Sanctions for Alcohol/Drug Offenses

The disciplinary function at The Florida State University is an integral part of the educational mission of the University. Students in violation of state laws, city ordinances, or University policies will be reported to The Florida State University authorities for disciplinary action. Disciplinary processes are outlined in the Florida State University Student Handbook, which gives the University authority to impose sanctions including suspension, dismissal, and expulsion. Parental notification under certain circumstances is integral to University protocol regarding alcohol use.
University History

The Florida State University, one of the largest and oldest of the eleven institutions of higher learning in the State of Florida, Division of Colleges and Universities, had its beginning as early as 1823 when the Territorial Legislature began to plan a higher education system. In 1825 the Federal Government reserved two townships for the purpose of maintaining two such institutions, one in the territory, and in 1845 the United States Congress, supplemental to the act admitting Florida as a state in the Union, added two more townships. This led to an 1851 act of the Florida Legislature establishing two seminaries, one to be located east and the other west of the Suwannee River.

By 1854 the city of Tallahassee had established a school for boys called the Florida Institute with the hope that the state could be induced to take it over as one of the seminaries. In 1856 the Legislature of Florida chose to accept the offer of the Institute’s land and building and designated Tallahassee as the site of one of the state seminaries because of its railway connections, its “salubrious climate,” and its “intelligent, refined, and moral community.”

Francis Eppes, who spent his formative years on the estate of his grandfather President Thomas Jefferson at Monticello in Virginia, and who shared his grandfather’s views of the importance to a democracy of a liberally educated citizenry, was the Mayor of Tallahassee who made the offer. Eppes served as President of the Seminary’s Board of Education for eight years and instilled in the institution the Jeffersonian ideals that characterize it today.

In February 1857, the institution began offering postsecondary instruction to male students as the Seminary West of the Suwannee River. The school first became coeducational the following year when it absorbed the Tallahassee Female Academy, begun in 1843 as the Misses Bates School. Thus the West Florida Seminary, founded in 1851, began operating in 1857, only 12 years after Florida achieved statehood. It was located on the hill where the Westcott Building now stands, which has been the site of an institution of higher education longer than any other site in Florida.

Classes were held at the West Florida Seminary from 1857 until 1863, when the state legislature changed the name to The Florida Military and Collegiate Institute to reflect the addition of a military section that trained cadets. During the Civil War, cadets from the school, ranging in age from 12 to 18, fought in the Battle of Natural Bridge and helped make Tallahassee the only Confederate capital east of the Mississippi not captured during the war. As a result of the brave action of the West Florida cadets in this battle, The Florida State University Army ROTC cadet corps is today one of only three in the nation authorized to display a battle streamer with its flag, a streamer which bears the words “Natural Bridge 1865.”

After the end of the war in 1865, however, Union troops under General McCook descended upon Tallahassee and occupied the city (including campus buildings), remaining for more than a month.

Following the war, the institution entered a period of growth and development. In 1884 the first diplomas, Licentiates of Instruction, were awarded, and by 1891 the Institute had begun to focus clearly on what we characterize it today.

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In a 1905 reorganization of Florida’s educational system by the legislature, the University of Florida in Gainesville was established and designated a men’s school, and the Florida State College became a women’s school called the Florida Female College. The male student body moved from Tallahassee to Gainesville, taking with it the fraternity system and the College football team, which had been state champions in 1902, 1903, and 1905. In 1909 the name of the college was changed to Florida State College for Women, an institution that grew to become the third largest women’s college in the nation during the 1930s. The College became fully accredited in 1915, and a chapter of the national honor society of Phi Kappa Phi was installed in 1925, the year after the College was placed on the list of standard colleges and universities approved by the Association of American Universities and became a member of the Association of American Colleges. In 1935 the first chapter of Phi Beta Kappa in the state, Alpha Chapter of Florida, was installed at the College, a mark of its status as a true liberal arts college.

The year 1947 saw many changes. Demand by returning World War II veterans had brought men back to the campus in 1946 with the establishment of the Tallahassee Branch of the University of Florida and in 1947 caused the Legislature to return Florida State College for Women to coeducational status and name it The Florida State University. A permanent president’s residence was acquired. The student body, numbering 4,056, chose a new alma mater and selected the Seminole as its mascot. The Flying High Circus was born, and football was started again when the first home game since 1905 was played in October. Three years later Campbell Stadium was built. The first Student Union was established and housed in the “O Club” on West Campus, a former Army Air Base which mainly housed male students and provided some classroom space three miles west of the main campus.

The 1950s brought significant development and expansion to the University. To the colleges and schools that had existed since the Florida State College days—Arts and Sciences, Education, Home Economics, and Music—were added Library Science, Social Welfare (later split into Social Work and Criminology), Business, and Nursing. A student in the Department of Chemistry was awarded the University’s first doctor of philosophy (Ph.D.) degree in 1952. A new building was completed for the Developmental Research School, which in 1905 had evolved from the High School and the College Academy of earlier days as the Observation and Practice School created to provide on-site opportunities for experience and research to students in education. Tully Gymnasium, Strozier Library, and the Business Building were completed to enhance the education of the ever-increasing student population.

In the 1960s the University acquired the Shaw Poetry Collection, established the Institute of Molecular Biophysics and Space Biosciences, and constructed nine new buildings, including the Oglesby Union and the Fine Arts Building. During this period, the Panama Canal Branch was opened, and the Program in Medical Sciences was established. The Florida State University Army ROTC cadet corps is today one of only three in the nation authorized to display a battle streamer with its flag, a streamer which bears the words “Natural Bridge 1865.”

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In 1905 the first university library was begun. The following quote from the 1903 Florida State College Catalogue adds an interesting footnote to this period:

In 1883 the institution, now long officially known as the West Florida Seminary, was organized by the Board of Education as The Literary College of the University of Florida. Owing to lack of means for the support of this more ambitious project, and also owing to the fact that soon thereafter schools for technical training were established, this association soon dissolved. It remains to be remarked, however, that the legislative act passed in 1885, bestowing upon the institution the title of the University of Florida, has never been repealed. The more pretentious name is not assumed by the college owing to the fact that it does not wish to misrepresent its resources and purposes.
University Organization

The Florida State University is one of eleven units of the Division of Colleges and Universities (DCU) of the State Board of Education (SBOE). The State Board of Education, established pursuant to Section 1001.01, Florida Statutes, on January 7, 2003, oversees education governance in the state through the Commissioner of Education, who serves as Secretary of the SBOE. The Florida Board of Governors (FBOG) coordinates the State University System. The SBOE and FBOG oversee the 13-member Boards of Trustees for each of Florida’s public universities through the Chancellor of Colleges and Universities. The Florida State University Board of Trustees sets the University’s policies and goals and serves as its legal owner and final authority responsible for efficient and effective use of its resources.

The main campus of the University is located in Tallahassee, the state’s capital. The Florida State University also offers degree programs in Panama City, Sarasota, and the Republic of Panama; instructional programs in London, Florence, and Valencia; and research, development, and service programs in Costa Rica, Croatia, and Italy.

The chief executive officer of The Florida State University is the President. He is assisted by the Provost (who is also the Vice President for Academic Affairs), the Dean of the Faculties and Deputy Provost, the Vice President for Finance and Administration, the Vice President for Student Affairs, the Vice President for Research, the Vice President for University Relations, the Director of University Communications, and the President of the Faculty Senate.

The Division of Academic Affairs is responsible for the operation of the academic program of the University. It includes the Office of the Dean of the Faculties and Deputy Provost, which administers all faculty personnel matters, including faculty development and welfare, monitors all academic rules and regulations, including those related to academic integrity and grade appeals, and facilitates the operation of the Faculty Governance System of the University; the Office of Graduate Studies, which is responsible for the recruitment and advising of graduate students; and the Division of Undergraduate Studies, which is responsible for undergraduate advisement, retention, and special programs. Further support is given by associate vice presidents and directors, who are responsible for such academic areas as continuing education, international programs, computing and information resources, learning systems, libraries, the Office of the University Registrar, the Office of Financial Aid, and the Office of Admissions.

The Division of Finance and Administration maintains the physical plant, administers the personnel program, and receives and disburses nearly all University funds.

The Division of Student Affairs offers and coordinates programs that provide housing, career guidance, health care, recreation, child care, self-governance, and enhancement of academic skills to students. It is also responsible for programs and services for international students, disabled students, and student activities and organizations.

The Division of Research coordinates all research programs and mediates between extramural sponsors and faculty conducting research, development, and training under such sponsorship.

The Division of University Relations coordinates alumni affairs and the solicitation of external funds to support scholarships and loans for students, capital construction, excellence in academic programs, and intercollegiate athletics. University Relations also coordinates programs to improve understanding and support of University academic programs and activities through its units, including governmental relations.

University Communications coordinates efforts to improve the public’s understanding of the University’s academic programs and activities through internal and external media, both print and electronic. It includes the Public Broadcast Center (public radio, public television and public access channel), Publications and Media Relations.

The Faculty Senate is an elected, representative body of faculty that establishes academic policy regarding admission and graduation of students, curricula, and academic standards, and advises and recommends about all matters affecting the academic program of the University.

Panama City Campus

In 1982, the Florida Legislature established a campus of The Florida State University at Panama City. Located 100 miles west of Tallahassee on beautiful North Bay, the Panama City campus provides opportunities for undergraduate and graduate study in 15 programs leading to the bachelor’s degree, 20 programs leading to the master’s degree and two programs leading to the specialist’s degree. To complement the local community college, the Panama City campus offers no courses at the freshman and sophomore levels. Applicants for admission must complete the first two years of college work elsewhere.

The Panama City campus strives to offer a personalized university experience. Classes are relatively small, thereby permitting an individualized approach to instruction and facilitating interaction between students and faculty. About 80 percent of the courses are taught by faculty who teach at both the Panama City campus and the main campus. This ensures a quality of instruction reflecting the standards and values that are predominant on the main campus.

Colleges and Schools

The academic organization of the University comprises 16 colleges and schools. One of these, the College of Engineering, is a joint program of the Florida Agricultural and Mechanical University (FAMU) and The Florida State University. The colleges and schools offer courses of study in 26 major disciplines. In addition to the associate in arts (AA) certificate, they offer 94 authorized baccalaureate degree programs covering 194 fields, 102 authorized master’s degree programs covering 197 fields, 28 authorized advanced master’s and specialist degree programs covering 35 fields, two authorized professional degree programs covering nine fields, and 73 authorized doctoral degree programs covering 138 fields. The following outlines the academic divisions:

College of Arts and Sciences

Departments: Aerospace Studies; Anthropology; Biological Science; Chemistry and Biochemistry; Classical Languages, Literature, and Civilization; Computer Science; English; Geological Sciences; History; Mathematics; Meteorology; Military Science; Modern Languages and Linguistics; Oceanography; Philosophy; Physics; Psychology; Religion; Statistics.

Interdisciplinary Programs: American and Florida Studies; Asian Studies; British Studies; Chemical Physics; Classics and Religion; Cognitive Science; Critical Theory; English and Foreign Language and Business; Geophysical Fluid Dynamics; Humanities; Iberian Studies; Italian Studies; Latin American and Caribbean Studies; Molecular Biophysics; Neuroscience; Program in Chemical Physics; Psychobiology; Neuroscience Research; Russian and East European Studies; Secondary Science and/or Mathematics Teaching; Women’s Studies.

College of Business

School: Dedman School of Hospitality.

Departments: Accounting; Finance; Management; Management Information Systems; Marketing; Risk Management/Insurance and Real Estate.

Interdisciplinary Programs: Business Administration and Law; Multinational Business.

College of Communication

Departments: Communication; Communication Disorders.

College of Criminology and Criminal Justice

College of Education

Departments: Childhood Education, Reading, and Disability Services; Educational Leadership and Policy Studies; Educational Psychology and Learning Systems; Middle and Secondary Education; Sport Management, Recreation Management and Physical Education.

FAMU—FSU College of Engineering

Departments: Chemical Engineering; Civil and Environmental Engineering; Electrical and Computer Engineering; Industrial Engineering; Mechanical Engineering.
Institutes and Research Centers
The work of the colleges and schools is facilitated by institutes and centers in which faculty and students from throughout the University work as interdisciplinary teams on research and service projects. The centers and institutes are heavily supported by external funds. They serve as actual and potential sites for cooperative projects staffed by faculty and students, and personnel from business and industry, and are significantly involved in supporting state agencies through research, development, and training.

The following are the State Board of Education’s approved institutes and research centers:

Professional Development and Public Service
Center for Intensive English Studies
Center for Professional Development and Public Service

Program Development and Faculty Support
Learning Systems Institute

Science and Public Affairs
Beaches and Shores Resource Center
Center for the Advancement of Human Rights
Center for Biomedical and Toxicological Research and Hazardous Waste Management
Center for Economic Forecasting and Analysis
Center for Information, Training, and Evaluation Services
Center for Prevention and Early Intervention Policy
Florida Center for Public Management
Florida Conflict Resolution Consortium
Florida Resources and Environmental Analysis Center
Florida State Climate Center

Institute for International Cooperative Environmental Research
Czech/American Joint Center for Environmental Research
Hungarian-American Joint Center for Environmental Research
Polish/American Joint Center for Environmental Research
Russian/American Joint Center for Environmental Research
Institute of Science and Public Affairs (ISPA)
John Scott Dailey Florida Institute of Government
The Florida Center for Prevention Research

International Programs
Florida–Costa Rica Linkage Institute (FLORICA)

College of Arts and Sciences
Arts Administration.

College of Business
Carl DeSantis Center for Executive Management Education
Center for the Advancement of Procurement
Center for Banking and Financial Institutions
Center for Information Systems Research
Center for Insurance Research
Center for Personnel and Human Resource Management
International Center for Hospitality Research and Development
Jim Moran Institute for Global Entrepreneurship
Marketing Institute
Real Estate Research Center
Small Business Institute

College of Communication
Communication Research Center
International Center for the Advancement of Political Communication and Augmentation
L.L. Schendel Speech and Hearing Clinic

College of Criminology and Criminal Justice
Center for Criminology and Public Policy Research

College of Education
Center for Educational Research and Policy Studies
Center for the Study of Technology in Counseling and Career Development
Center for the Study of Values in College Student Development

FAMU—FSU College of Engineering
Center for Intelligent Systems, Control and Robotics
Sustainable Energy Science and Engineering Center

College of Human Sciences
Center for Family Services
Center for Marriage and Family Therapy
Florida Inter-University Center for Child, Family and Community Studies

The University includes among its offerings both Air Force and an Army Reserve Officer Training Corps (ROTC) programs; students of The Florida State University may apply for admission to the Navy ROTC Program offered through Florida Agricultural and Mechanical University. Interested male or female freshmen and sophomores are encouraged to enroll and apply for a Navy or Marine Corps scholarship. Naval Science classes are listed in the FAMU General Catalog under “Division of Naval Sciences.” The Air Force ROTC program is offered to students at FSU, FAMU, TCC, and Embry-Riddle Aeronautical University extension campus at TCC. The classes are listed in this General Bulletin under “Aerospace Studies.” For additional information, visit our Web site at http://www.fsu.edu/~rotc, call (850) 644-3461, or stop by 212 Harpe-Johnson Hall. The Army ROTC Program is offered to FSU and TCC students. The classes are listed in this General Bulletin under “Military Science.” For additional information, visit our Web site at http://www.fsu.edu/~armyrotc/, call (850) 644-8906, or visit in person at 201 Harpe-Johnson Hall.

Naval Science

The Naval Reserve Officers Training Corps (NROTC) program at Florida Agricultural and Mechanical University (FAMU) is open to both men and women of The Florida State University through the FAMU—FSU Cooperative Program. The NROTC Program at FAMU is administered by the NROTC staff. This program affords the opportunity for selected men and women to receive instruction in naval science courses, which, in conjunction with a baccalaureate degree, will qualify them for a commission in the United States Navy or the United States Marine Corps. Students enrolled in the University who are physically qualified, and who are United States citizens, are eligible to apply for the NROTC program.
The FAMU NROTC Unit offers five programs: 1) the Navy–Marine Corps College Program (non-scholarship); 2) the four-year Navy–Marine Corps Scholarship Program; 3) the two-year NROTC College Program; 4) the two-year Scholarship Program; and 5) the Tweedale Scholarship Program. Navy-Marine Corps College Program students are eligible to compete for available Naval Education and Training Command (NETC) scholarships anytime after one semester of participation in the program. Selection is based on academic achievement and military aptitude. Scholarships include full tuition, lab fees, and a textbook allowance of $350.00 per semester. Additionally, a stipend of $250.00 (freshmen), $300.00 (sophomores), $350.00 (juniors), or $400.00 (seniors) is paid per month to help defray the cost of living expenses. Navy-Marine Corps College Program students, when selected for advanced standing in their junior or senior year, receive a $350.00 and $400.00 per month stipend, respectively.

The Tweedale NROTC Scholarship Program was established to provide NROTC scholarships to outstanding technical major college students with no prior affiliation with the NROTC program. To qualify for a Tweedale Scholarship, students must have completed at least one, but not more than four academic terms of college course work with a cumulative GPA that places the student above the peer mean (like major), or 3.00, whichever is higher. The student’s transcript must reflect a grade of “C” or better in all course work attempted. The transcript must also show that the student has completed an academic term of college level math or science and has the ability to complete successfully all of the NROTC academic requirements.

The NROTC Unit is located in the Perry-Paige Building on the FAMU campus. For additional information, visit our Web site at http://www.famunrotc.com.

Written requests for information should be addressed to: Recruiting Officer; NROTC Unit, Florida Agricultural and Mechanical University, P.O. Box 6508, Tallahassee, FL 32314-6508; or call either (850) 599–4812 or 599–3980; or email flynrotc@famu.edu.

FSU—Panama

Rector: Carlos R. Langoni

The Florida State University Office of International Programs administers a permanent campus of approximately 400 full-time students in the Republic of Panama. Offering a full program of courses at the lower-division level and selected majors, FSU-Panama offers the associate and the bachelor’s degrees. The campus serves US citizens and residents in Panama, Panamanian citizens, and visiting scholars from throughout the world. Courses are taught by regular and adjunct faculty as well as rotating faculty from the Tallahassee campus; students from the Tallahassee campus also study at FSU-Panama, taking advantage of the resources of Panama and the ease of receiving full academic credit from the University.

Internships are arranged for Tallahassee students majoring in fields ranging from biology to international business. A full range of facilities is offered at the FSU-Panama campus, including housing, an athletic complex, a library and computer classrooms. The campus is located at the Pacific entrance to the Panama Canal and a few miles from the center of Panama City, the nation’s capital.

FSU-Panama also offers additional courses and cultural activities of special interest to US students who seek a one-semester term of overseas studies. For further information, please consult the campus’ Web site: http://www.fsu.edu/panama, our office at A5500 University Center; or call (850) 644-3272.

Academic and Professional Program Services

Academic and Professional Program Services (APPS) provides assistance with the administering of tests and evaluations. Lifelong learners are offered continuing education and outreach activities such as academic and professional programs, technology training, and e-media services delivered in the classroom and online. Continuing education coordinators assist with program development, budgeting, registration, logistics, technical assistance, and on-site management.

The various sections of APPS are, at present, in three separate locations: 1) the Center for Teaching and Learning, Academic Program Services, Unified Portal and Learning Management System (Blackboard) Support, and Digital Media Production are on the 3rd and 4th floors of University Center, Building C; 2) Assessment Services is in University Center, Building C across the courtyard on the 1st floor; and 3) Professional Program Services is in the Turnbull Conference Center, situated on the southeast edge of the campus, nearest the Capitol. The Turnbull Center offers an auditorium, meeting rooms, and a dining room to facilitate meetings, workshops, and symposia for the Florida State University community. The University Center locations may be reached by phone at (850) 644-8004 or http://apps.fsu.edu; and the Turnbull Center location at (850) 644-3801 or http://learningforlife.fsu.edu.

Professional Program Services

Continuing Education (CEUs) and Teacher Re-Certification. In conjunction with the University’s academic departments, APPS coordinates degree and certificate programs for non-traditional, part-time students. Programs can be found throughout Florida and some are delivered via distance technologies. Opportunities for teacher re-certification and continuing education units (CEUs) are provided throughout the year, as well as sponsorship of tuition scholarships for adult students wishing to return to school.

Non-Credit Programs. APPS develops, promotes, and administers a range of noncredit programs and certifications in traditional classroom settings and online. Lifelong learners can remain current in their fields and maintain licensing and continuing education requirements through career skill development. Online learning makes it possible for adult learners to study in the comfort of their homes or office.

Technology Training. APPS offers industry certified training programs that can be customized to individual learner or employer needs. Course offerings may include Basic Technology, which covers several office programs; and Oracle, MCSE, and MOUS. Classes are held at the Turnbull Center, but technical training can be tailored for a client’s workplace to suit specific needs. The FSU WebMaster Certification Online is available 24 hours a day, seven days a week via the Internet.

E-media Services. Clients within and outside the University are assisted in developing and disseminating comprehensive educational programs. Web-based media services include: information and database designs; user interfaces for online professional development and credit programs; and online registration, payment, and coursework.

Academic Program Services

On-Campus Students. Access and use of FSU’s unified portal and learning management system is provided with both onsite and online contacts for technical support and resources for learning via the web. Instruction in using the University’s online learning management environment and its many tools is available at http://apps.fsu.edu.

Distance Students. APPS provides online guidance to students and departmental staff, from application and acceptance to any of the 3 undergraduate online degree programs and 14 graduate online degree programs, to orientation to the University, which addresses scheduling of courses, instruction on navigating course Web sites, and other tools necessary for their success. Students receive individualized attention from instructors, and some courses have mentors who guide students through course work and monitor their progress.

Center for Teaching and Learning (CTL). Faculty members can further their planning, teaching, and technology skills through workshops, classroom observations, and individual consultations. Graduate teaching assistants (TAs) are aided in improving their academic leadership and teaching skills through the Program for Instructional Excellence (PIE). Graduate students who anticipate careers in academe are offered mentoring opportunities with educators and administrators through Preparing Future Faculty (PFF).

Unified Portal and Learning Management System (Blackboard) Support. Management of all maintenance and upgrades, technology training on upgrade enhancements, academic help desk, and development
Digital Media Production. A variety of services are provided, from producing online course components to Web site design and webcasting, including digital audio and video production and streaming, graphic design, Flash animation, digital imaging and photography, and design and layout of print media. Digital Media also supports the design and maintenance of the Florida State University Web site.

Work Request Forms can be found at http://digitalmedia.fsu.edu.

Assessment Services (AS). Faculty services include: mark-sense scanning; test scoring and analysis; administering of University and department faculty evaluation instruments (SPOT, e-SUSSAI); and technical support for data collection and analysis in research. Student services include: administering test taking for many national and state testing programs (e.g., CLAST, FTCE, ACT, SAT, LSAT, and MCAT); and providing proctored testing for distance-learning students. http://assessmentservices.fsu.edu.

The Florida Center for Public Management
Interim Director: James R. Anderson, Jr.

The Florida Center for Public Management (FCPM) was established in 1978 to provide assistance to elected leaders and public managers in state and local governments in Florida. Its staff of full-time, experienced management consultants is available to help these officials improve their operations through a variety of services, including executive development seminars, organizational improvement diagnoses, survey research and feedback, integrated information systems planning, leadership and staff team-building workshops, and various problem-solving techniques. As such, FCPM complements the academic instruction of the University’s School of Public Administration and Policy, the departments of Management, Communication, and Educational Leadership, and related disciplines.

To obtain further information about FCPM and its services, write or call: The Florida Center for Public Management, The Florida State University, HMB 102, Tallahassee, FL 32306-2821. (850) 644-6460.

Learning Systems Institute
Director: Laura B. Hassler
Associate Directors: Tristan Johnson, Rabieh Razzouk, Mike Spector

The Learning Systems Institute is a multi-disciplinary research and development unit dedicated to improved human performance. The Learning Systems Institute (LSI) is a recognized world leader in the improvement of teaching, learning and performance systems in school, business, industry, and military settings. LSI has generated more than $150 million in externally funded research over a 38-year period, providing a wealth of opportunities for graduate students to gain first-hand experience with cutting-edge research. LSI faculty and students have worked in over two dozen countries around the world, in addition to leading major research and development in the United States.

There are several areas of research that serve as the current focus for LSI:

1. Pre-K–20 education research and reform with an emphasis on reading, mathematics and science;
2. Learning communities and research;
3. Learning and performance support systems research and implementation;
4. Multidisciplinary research related to the study of expert performance;
5. International development through improved learning systems; and
6. Education policy studies and research.


Institute for Cognitive Sciences
Acting Director: Dr. L. J. Kohout

The institute was founded in 1984 for the encouragement of interdisciplinary research, communication, and graduate study in the cognitive sciences. Its members include faculty and graduate students from the fields of computer science, psychology, philosophy, linguistics, education, business, and physics. Research has involved computer modeling of memory and problem solving, artificial and computational intelligence, knowledge-based computer systems, fuzzy logic and soft computing (e.g., genetic algorithms and neural networks), computer diagnosis of novices difficulties in problem solving, similarities and differences between human and lower-animal cognition, cultural aspects of cognition and language, linguistics and cognition, formal and natural languages, philosophy of knowledge and cognition, philosophy of artificial intelligence, study of the brain, robotics, education, and vision. Recently, research into cognitive aspects of the management of technology and of the perception of its affordability/cost has been included. A certificate is offered for graduate study in cognitive sciences.

L.L. Schendel Speech and Hearing Clinic
Director: Juliann Woods, Ph.D.

The dual mission of the speech and hearing clinic is to provide effective community service to improve the communication abilities of clients, and to provide a teaching and clinical research laboratory to develop exemplary assessment and treatment procedures for use by The Florida State University students in speech language pathology and audiology. Specific services include:

• Comprehensive Speech-Language Assessment and Therapy
• Hearing Assessment and Services Related to Hearing Impairment
• Assistive Communication Lab
• Dialect/Accent Evaluation and Reduction

Services are provided by graduate students under the direct supervision of faculty members. All professional staff members are licensed by the Florida Board of Speech Language Pathology and Audiology and certified by the American Speech Language Hearing Association.

The services vary according to the nature of the services. Students, faculty, and staff receive a reduced rate. Further information is available by writing or calling: L.L. Schendel Speech and Hearing Clinic, 107 Regional Rehabilitation Center, The Florida State University, Tallahassee, FL 32306-1200; (850) 644-2238 (Voice and TDD), Fax (850) 644-8994.

Libraries

The Florida State University libraries are the intellectual center of the University, providing students, faculty, and staff with virtual and physical resources and services to facilitate learning, teaching, and research. The Florida State University libraries include the Robert Manning Strozier Library (the main library), the Paul A.M. Dirac Science Library, the Mildred and Claude Pepper Library, the Harold Goldstein Library, the Warren D. Allen Music Library, the Law Library, the College of Medicine Medical Library, and the Career Center Library. Library materials and services also are available at The Florida State University’s off-campus sites, including the Ringling Museum of Art, the Panama City, FL campus, the republic of Panama branch campus, and the study centers in London and Florence.

The libraries support the University’s educational and research missions through extensive collections and a wide range of services available to the campus community and to distance learners virtually and in person. The libraries’ resources include approximately 2,900,000 books and periodicals, over 800,000 government documents, more than 9,000 films, videos, and DVDs, and over 800,000 microforms. Access to over 300 subscription databases, 274,000 e-books, and more than 29,000 electronic journals covering a wide variety of subjects is available from offices, residence halls, homes, and other remote locations, as well as in the libraries. The online catalog is available on the library’s Web site and provides access to all the University’s collections. Worldwide information resources are available readily through the Internet. Access to materials and resources not held in the University’s collections is available through interlibrary loan and document delivery.

Members of the library staff assist students, faculty, and staff in making the best use of information resources by providing research guidance and information assistance, offering one-on-one instruction and instructional classes, and developing research guides. Professional research assistance is available via the Internet using chat and e-mail, by telephone, and in the library.

A state-of-the-art media center in Strozier Library provides equipment and facilities for listening to, viewing, and editing multimedia materials. The libraries provide Internet-accessible computers, printers, and photocopiers for convenient use. Additional computers for research and word-processing are available in a student computer center located
The Florida State University provides for undergraduate students a strong liberal arts-based baccalaureate experience. The University is a member of the Association of Research Libraries (ARL), the Center for Research Libraries (CRL), the Research Libraries Group (RLG), and the Association of Southeastern Research Libraries (ASERL).

The Robert Manning Strozier Library, the University’s main library, is located strategically in the center of the main campus and occupies seven floors. Its collection includes a wide variety of research materials, primarily in the humanities and social sciences. The library serves as a regional depository for federal and Florida government documents as well as United Nations documents. Its special collections department includes rare and unique materials for research and study. The library’s Web site is located at http://www.lib.fsu.edu.

The Paul A. M. Dirac Science Library, located in the heart of the Science Center complex, consolidates the University libraries’ scientific and technical books and periodicals in one central location. The Library’s Web site is located at http://www.lib.fsu.edu/dirac/index.html.

The Mildred and Claude Pepper Library contains the personal and professional papers and mementos of one of Florida’s best-known political couples. Reconstructions of United States Congressman Pepper’s Senate and House offices are in the building. Log on at http://pepper.cph.fsu.edu/library/default.htm for more information.

The Warren D. Allen Music Library, located in the College of Music, contains a collection of recordings, scores, books, and periodicals that support the school’s curriculum. The library’s Web site is located at http://otto.cmr.fsu.edu/~library/home.html.

The Harold Goldstein Library, located in the College of Information, contains a collection of professional library science materials and reference materials, as well as juvenile materials and picture books. Visit http://goldstein.lis.fsu.edu for more information.

The Law Library, operated by the College of Law, has a collection containing over 485,500 volumes and volume equivalents, and approximately 4,000 subscriptions. Legal research is complemented by an array of electronic databases, including the LexisNexis and WESTLAW legal research databases. Log on at http://www.law.fsu.edu/library/ for more information.

The College of Medicine Medical Library provides access to a number of electronic medical databases and a collection of books and journals. Visit http://www.med.fsu.edu/library/ for more information.

The John and Mable Ringling Museum of Art Library is housed on the Ringling Museum Campus in Sarasota, Florida, the largest museum/university complex in the nation. It contains more than 61,000 books, auction catalogs, and other materials supporting art-related research. Special collections contain circus history items including John Ringling’s original collection of more than 600 books. The library’s Web site is at http://www.ringling.org.

The FSU-Panama City (FSU-PC) Academic Resource Center (ARC) is the on-campus location for access to electronic information, research materials, and research help. The ARC is equipped to provide access to the University libraries’ electronic resources, databases, library catalogs, and other information. Access to these electronic resources also is available from off campus. The ARC librarian provides research assistance in person, by phone, and by email. ARC services complement existing library services provided by the Gulf Coast Community College (GCCC) Library. Through an arrangement with GCCC, the GCCC Library houses the FSU-PC collection of books and journals. For more information, go to http://www.pc.fsu.edu/arc.

The Republic of Panama Branch Campus Library offers services and a collection of over 45,000 items to students at the FSU branch campus in Panama City, Panama. Students and faculty at this location may borrow materials housed at the Tallahassee campus libraries, and may access all of the electronic resources the libraries offer. For more information, go to http://www.lib.fsu.edu/panama/index.html.

Undergraduate Education

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The College of Medicine Medical Library provides access to a number of electronic medical databases and a collection of books and journals. Visit http://www.med.fsu.edu/library/ for more information.

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RESEARCH FACILITIES AND SPECIAL PROGRAMS

Research and Research Facilities

Since its designation as a university in 1947, The Florida State University has built a reputation as a strong center for research in the sciences, the humanities, and in the arts. In fiscal year 2003, faculty at The Florida State University secured its highest level of external funding in the University’s history: $161.7 million. These external funds, derived through contracts and grants from various foundations, industries, and government agencies, are used to provide stipends for graduate students, to improve research facilities, and to support the research itself.

Many members of The Florida State University faculty are renowned scholars in their fields. In the natural sciences, The Florida State University is perhaps best known for its basic research programs in physics, nuclear science, chemistry and biochemistry, biology, psychology, meteorology, and oceanography. Its programs in geology, mathematics, computer science, and statistics also have strong research components, both basic and applied. The University also has a joint program in engineering with Florida Agricultural and Mechanical University (FAMU) in Tallahassee.

In the humanities, the University is a nationally recognized center of excellence in graduate training. A number of humanities faculty members have distinguished themselves through service as heads of national academic organizations in philosophy, English, history, and religion. In recent years, several of these departments have won national acclaim and today are considered among the best in the South.

The arts at The Florida State University have been an important and integral part of the University’s mission since its early development as a premier liberal arts institution in the early 1900s. The schools of Music; Visual Arts, Theatre, and Dance; and Motion Picture, Television, and Recording Arts contribute to this mission in several ways. They provide leadership for the cultural development of the state, and they provide state and national service to their professions through research programs, creative activities, and various continuing educational services. The arts schools also contribute a wide spectrum of public service and outreach activities by offering extensive performances and exhibits both on campus and throughout the state, and by bringing leading arts professionals to Florida through special festivals and national and international meetings of professional organizations.

The arts disciplines at The Florida State University are among the most comprehensive of any university in the nation. They provide extensive and varied academic offerings, both for general University students and for students who wish to pursue professional careers in the arts, whether as creative artists, performers, scholars, or educators.

Researchers in many disciplines take advantage of the University’s location in Florida’s capital city. Graduate students in such diverse fields as urban and regional planning, criminology, social work, business, governmental affairs, population studies, public administration, and law have ready access to state government information and to many internships offered within state agencies.

Computing and information technology are widely used at The Florida State University for both research and instruction. The Office of Technology Integration (OTI) manages a high speed network that connects computers throughout the University to each other and to the world. OTI also provides wireless connectivity to the network from most locations on the FSU campus. In addition to the global Internet, Florida State University participates in Internet 2, a special high capacity national network for academic and research purposes.

OTI provides accounts for computer and Internet access to all students, faculty, and staff. OTI also operates general purpose computing servers and supercomputers that are available to the entire campus, and provides open-access computer laboratories for students. For more information, see http://www.oti.fsu.edu.

Special Programs

A number of The Florida State University’s special programs have won national or international distinction in research. These include the following:

- The National High Magnetic Field Laboratory, which opened in 1994, is one of the nation’s newest research laboratories and the only user facility of its kind in the Western Hemisphere. The laboratory develops and provides a variety of research magnets at the highest fields available in the world. The laboratory plays a major role in the international race to enhance scientific disciplines as diverse as biology, chemistry, engineering, geochemistry, materials science, medicine, and physics.

- This unique facility supports an extensive in-house research program that advances its scientific and technical capabilities. The in-house research program is built around leading scientists and engineers who concentrate on the study of strongly correlated electron systems, molecular conductors, magnetic materials, magnetic resonance, cryogenics, and new approaches to measuring materials properties in high magnetic fields. Research at the laboratory is opening new frontiers of science at high magnetic fields, which have enormous potential for commercial and industrial applications. The laboratory also has one of the world’s foremost magnet and science technology groups, which designs and builds this new generation of magnets. In 1999, the lab brought on-line a new hybrid magnet that achieves 45 teslas (T), the most powerful magnet of its kind in the world. In 2004, the laboratory achieved another world record in magnet development with the successful completion of its 21.1–T (900 MHz), superconducting, ultra-wide bore NMR magnet for chemical and biomedical research. The Magnet Lab has many exciting research opportunities for graduate students who wish to pursue research at the edge of parameter space in any area of science utilizing these world-class resources and instrumentation.

- The Florida State University has established an interdisciplinary School of Computational Science (SCS) to support graduate education and research in computational science. It supports a leading-edge high-performance computational facility, and to contribute to a high level of computational culture beneficial to the nation and the state. The research mission of SCS is to advance the tools needed for scientific and technological discovery by computational means. All aspects of scientific computing, including modeling, model analyses, algorithmic invention, analysis and implementation, visualization, networking, and the solution of important problems in the sciences and engineering, are within the scope of the SCS research programs. The interdisciplinary makeup of the faculty and students of the school provides a synergistic environment for that research. The SCS embraces both the tools of computational science and their use. Through the acquisition and maintenance of state-of-the-art computing, visualization, and networking infrastructures, the SCS provides support for the existing and future needs for large-scale high-performance computing at Florida State University.

- The Center for Materials Research and Technology (MARTECH) is a collaborative program in materials science involving members of the University’s physics, chemistry, biology and engineering departments. One current focus of the center is the integration of hard and soft materials for future spintronics and biological applications. The center’s rapidly expanding facilities include several thin-film preparation labs, facilities for fabricating nanostructured materials, including a clean room, photo- and electron-beam lithography, extensive surface analysis equipment including XPS, helium-scattering and scanning probe microscopy and equipment for the study of electrical transport and magnetic as well as superconducting properties of complex materials.

- The Program in Nuclear Research is highly ranked nationally, with emphasis on nuclear structure physics; radioactive beam studies; studies of reaction mechanisms using polarized Li beams; hadronic nuclear physics; and relativistic heavy ion reactions. A large part of this program in experimental nuclear physics uses The Florida State University’s Superconducting Linear Accelerator Facility, which ran its first experiment in 1987. The facility consists of a Super-FN tandem Van de Graaff electrostatic accelerator that injects into a heavy-ion superconducting linear accelerator. This facility, with state of the art instrumentation, provides forefront nuclear research capability and is unique in the southeast.

- The Institute for Molecular Biophysics is recognized as a national leader in basic, interdisciplinary research in biochemistry and physical chemistry. A large effort based in the IMB is its Program in Structural...
Biology, begun in 1990. The primary research focus of this group is the elucidation of the three-dimensional structures, functional properties, and assemblages of biological macromolecules using biophysical techniques (e.g. X-ray crystallography, cryoelectron microscopy, electron diffraction, computational modeling, EPR and NMR spectroscopy).

The Florida State University Marine Laboratory is located 45 miles south of Tallahassee on Apalachee Bay. This research facility gives scientists from all over the nation immediate access to the pollution-free marine environment of the north Florida coast. Facilities include a fleet of research vessels, classrooms, saltwater-equipped laboratories, guest housing, and a dive locker. The Academic Diving Program, which is part of the laboratory and is located on the main campus, provides support for and oversight of all scientific and educational compressed-gas diving conducted under the auspices of The Florida State University. The Academic Diving Program also teaches or co-teaches courses in scientific diving methods for biologists and archaeologists and teaches courses and workshops in SCUBA, from basic through instructor, as well as a number of diving specialties including dry-suits, underwater photography, full-face mask and helmet diving, and techniques for underwater search and recovery for public safety divers.

The Center for Ocean-Atmospheric Prediction Studies, located at the Don Fuqua Research Complex at Innovation Park, trains oceanographers and meteorologists in research focusing on the impact of tropical and mid-latitude ocean dynamics on global weather patterns. COAPS scientists specialize in climate prediction on scales of months to decades, air-sea interaction and modeling, and predictions of socio-economic consequences of ocean-atmospheric variations.

The John and Mable Ringling Museum of Art located in Sarasota, Florida, is the designated State Museum of Florida. Recently the Legislature shifted administration of the museum to The Florida State University in recognition, in part, of the growing trend to maximize the educational value and potential of museums and, in part, to take advantage of the University’s commitment to the arts. That potential is especially evident through this association with the Sarasota community due to mutual strengths in the areas of the fine and performing arts and corollary interests, such as the American circus. The Ringling Museum, the home of an internationally renowned art collection, occupies sixty acres of beautiful bay front property including the museum of art, the historic Asolo Theatre, Ca’ d’Zan, the Ringling Mansion, and the Circus Museum. Together with The Florida State University Performing Arts Center, which lies adjacent to the art museum, it holds center stage for The Florida State University Ringling Center for the Cultural Arts, which was created by the Florida Legislature in the year 2000.

The Florida State University Institute of Science and Public Affairs is a multifaceted institute of public service and applied research, which helps government and private agencies solve problems ranging from hazardous waste disposal to conflict resolution.

Research centers within the institute are designed to respond to public and private sector needs. Specialists in the fields of biology, chemistry, geography, education, planning, public administration, physics, economics, law, and other areas carry out the University’s public service responsibility through programs in education, training, and applied research. The overriding objective is to successfully apply resources—human and technical—to policy problems within the state of Florida.

The institute provides university students the opportunity to work on specific projects in institute centers under the supervision of experienced faculty and staff. These projects provide training for students in problem-solving environments. Government agencies and private sector organizations benefit from this dynamic source of trained and skilled personnel.

Since 1951, students and faculty of The Florida State University have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 91 colleges and universities and a contractor for the U.S. Department of Energy (DOE), located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education (ORISE), the DOE facility that ORAU operates, undergraduates, graduates, post-graduates, as well as faculty enjoy access to a multitude of opportunities for study and research. Students can participate in programs covering a wide variety of disciplines, including business, earth sciences, epidemiology, engineering, physics, pharmacology, geological sciences, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the ORISE Catalog of Education and Training Programs, which is available at http://www.orau.gov/orise/educ.htm, or by calling either of the contacts below.

ORAU’s Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU’s members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, the Visiting Industrial Scholars Program, consortium research funding initiatives, faculty research and support programs, as well as services to chief research officers. For more information about ORAU and its programs, contact Dr. Kirby W. Kemper, Vice President for Research and ORAU Councilor for Florida State University, at 850-644-3347; or contact Monnie E. Champion, ORAU Corporate Secretary, at 863-576-3306; or the ORAU home page at http://www.orau.gov.
International Programs

International Commitment

The Florida State University recognizes that a great university ideally builds and extends its service, its potential for research, and its scholarly standing, and enhances its contribution to the education of students and citizens of the state by providing an international dimension to its educational programs. This is true in the professions, the sciences, the arts, and the humanities.

The University recognizes that in our interdependent world, the welfare of the state and the well-being of its citizens are linked to the welfare of all peoples. Thus, it is urgent that the teaching, research, and service of The Florida State University support the economic and social development of the state, the nation, and other countries; protect the world environment; lead individuals and groups to better understanding of themselves and others; and contribute toward international understanding, world peace, and community self-awareness.

The University, in serving the community, recognizes its major responsibility is to educate students in a manner that provides them with the understanding, skills, and knowledge that will allow them to be creative and useful citizens not only of the state, but of the world. In this process of education, students from other countries who study at our campus and The Florida State University students who have studied overseas play an important role.

To accomplish these goals, The Florida State University encourages and seeks students from abroad for its undergraduate and graduate programs, and professional colleges and schools in such numbers, and with such geographic origins, as to have an impact on the achievement of the University’s educational goals. It also seeks to provide opportunities for study abroad for its students and to afford them guidance and assistance in integrating these experiences with regular University study. Finally, the University encourages the development of an international dimension in the teaching, research, and service through the exchange of persons, ideas, and materials with other countries.

The Florida State University seeks to accomplish these objectives through evaluation of existing and proposed international programs and services and by both short- and long-range planning for continued improvement and innovation to further the goals of international education in the University. Consistent with these goals, the University resolves to make available its facilities and resources to offer diversified international educational programs of quality and usefulness for all its students. The financial support needed for the accomplishment of these goals will be provided by University resources and is actively sought from state, federal, and foreign governments, as well as from international organizations, foundations, private organizations, and individual donors.

Beyond Borders: International Service and Cultural Exchanges

Coordinator: Roberta Christie, International Center

Beyond Borders is a university-to-university exchange program that provides opportunities for students to engage in intensive, short-term intercultural experiences while performing community service. Currently, The Florida State University has exchanges with the University of Costa Rica, Atlantic Branch (Turrialba, Costa Rica) and the University of the West Indies, Mona Campus (Kingston, Jamaica). Participants live with local families or in university facilities and serve as volunteers in projects organized by the host institutions, which also arrange for housing and most meals. Air travel, required health insurance, special trips and some administrative costs are paid by participants. All Florida State University students are eligible to apply; groups are limited to 10-12 students. 107 South Wildwood, Tallahassee, FL 32306-4240; (850) 644-1702; rchristi@admin.fsu.edu; http://www.fsu.edu/~fsu-bc.

International Programs

Director: James E. Pitts; Associate Director: Michele E. Ceci; Assistant Directors: Mary A. Balthrop, Joan W. Cassels

The Florida State University offers a wide variety of opportunities for students to study overseas. Students learn not only from their exposure to the cultural resources of the host countries but also through their firsthand observations and participation in the political, economic, and social changes taking place outside the United States.

The University has operated international study centers in Panama City, Republic of Panama since 1957; in Florence, Italy since 1966; in London, England since 1971; and in Valencia, Spain since 2000. At each of these locations, courses are offered during the fall, spring, and summer semesters. In addition to FSU students, the centers are open to students from other U.S. institutions and throughout the world.

All of these Study Centers offer a broad curriculum, which includes courses that particularly lend themselves to the international location. In Florence, the courses focus on the areas of art history, classics, English writing, literature, history, humanities, Italian language, and politics. In Valencia, courses are offered in Spanish language, literature, and civilization as well as art, business, English literature, humanities, and music. The FSU-Panama campus offers courses in a variety of disciplines including mathematics and the sciences. FSU-Panama also functions as a 2- or 4-year degree institution serving a large population of native Panamanians. The London center offers courses in the areas of art history, education, English literature, history, music, politics, social sciences, and theatre. In addition, the London Study Center also serves as a base of operations for a number of curriculum focused programs. Students may pursue study on specific topics such as British television, English literature, communications, international affairs, choral and instrumental music education, global sport management, theatre, textiles, apparel, and merchandising. Internships in a variety of areas are offered in London, Valencia, and Panama.

In addition to our Study Centers, International Programs offers programs in many of other locations. These include: China, Costa Rica, Croatia, Czech Republic, France, Ireland, Japan, Russia, and Switzerland. These locations host a variety of study abroad opportunities ranging from broad curriculum offerings to faculty-led programs focusing on a particular area or major. International Programs is constantly adding to and updating our program offerings and locations. Visit our Web site at http://www.international.fsu.edu or contact us: International Programs, A5500 University Center Tallahassee, FL 32306-2420, (850) 644-3272, (800) 374-8581, intprog1@admin.fsu.edu.

Other Programs

Archaeology Programs in Italy

Director: Nancy T. de Grummond

The Department of Classics conducts archaeological excavations at two Etruscan/Roman sites in Italy—Cetamura del Chianti, near Siena, and San Venanzo, near Orvieto. Each summer the department sponsors field schools of approximately six weeks at these sites. The field schools are open to students from colleges and universities throughout the state of Florida and constitute a significant part of the master’s degree program with a concentration in classical archaeology. For further information, contact the Department of Classics, 205 Dodd Hall.

Florida–Costa Rica Institute

Co-Director: Joan W. Cassels

The Florida State University and Valencia Community College co-administer The Florida–Costa Rica Linkage Institute on behalf of the state’s higher education systems.

The Florida–Costa Rica Linkage Institute (FLORICA) is one of the three original linkage institutes established by the Florida Legislature in 1986. The International Linkage Institute Program has expanded since that time to include a total of 11 institutes throughout the state.
The intent of the Florida Legislature is for the Florida-Costa Rica Linkage Institute to offer opportunities at both the university and community-college levels for education and training; state development; curriculum development; collaborative research; technical assistance; cultural, faculty, and student exchange; intensive Spanish instruction; library materials exchange; computer linkage; and joint commercial ventures. These activities are to be undertaken in conjunction with Costa Rica’s four public universities, its Ministry of Education, and the State of Florida’s 11 state universities and 28 community colleges.

**Florida–France Institute**

**Co-Director:** Joan W. Cassels

The Florida State University, the University of South Florida, and Miami-Dade Community College co-administer the Florida-France Linkage Institute on behalf of the state’s higher education system.

The Florida-France Institute was established in 1989 and is one of 11 Florida bi-national linkage institutes created by the Florida Legislature to promote business, educational, cultural, and scientific exchange among Florida and other nations and regions of the world. France is a major trading partner with Florida and has growing business and investment interests in the state. Similarly, Florida seeks new opportunities for business in France, especially with its sister region Languedoc-Roussillon and the French Caribbean.

The intent of the Florida-France Institute is to serve a multitude of interest groups in Florida and France by providing opportunities for education, training, activities related to trade and business promotion, cooperative research, and mutual technical assistance, as well as educational and cultural exchange. Its purpose is to link the resources of the State of Florida’s 11 universities and 28 community colleges with those of state governments and business to forge a network of partnerships with French educational, governmental, and private-sector institutions.

**Law Program at Oxford**

The Florida State University conducts an international law program in the prestigious academic atmosphere of Oxford University. The program utilizes its unique setting to enhance the study of international and comparative law and the history of common law. ABA-approved law courses are taught by a combination of Florida State University College of Law faculty and approved adjunct professors from Oxford. The program is available to students in good standing at an ABA-approved law school who have completed at least one year of study. Visit our Web site at [http://www.law.fsu.edu/academic_programs/international_law](http://www.law.fsu.edu/academic_programs/international_law).
### ACADEMIC DEGREE AND CERTIFICATE PROGRAMS

The Florida State University offers degree programs through the following colleges and schools. Consult the college or school for currently active programs.

**B**—Bachelor’s Degree  **M**—Master’s Degree  **A**—Advanced Master’s  **S**—Specialist  **D**—Doctoral Degree  **P**—Professional

#### College of Arts and Sciences
- Actuarial Science
- American and Florida Studies
- Anthropology
- Aquatic Environmental Science
- Biochemistry
- Biological Sciences
- Biomedical Mathematics
- Biostatistics
- Chemical Physics
- Chemical Science
- Chemistry
- Classical Languages and Literature
  - Classics
  - Greek
  - Latin
- Computer and Information Science
- Creative Writing
- English
- Geology
- Geophysical Fluid Dynamics
- History
- History and Philosophy of Science
- Humanities
- Latin American and Caribbean Studies
- Mathematics
- Meteorology
- Middle Eastern Studies
- Modern Language:
  - French
  - French and Francophone Studies
  - German
  - Italian
  - Italian Studies
  - Russian
  - Slavic
  - Spanish
- Molecular Biophysics
- Neuroscience
- Oceanography
- Philosophy
- Physics
-Physics, Interdisciplinary
- Psychology
- Religion
- Science Teaching
- Secondary Science and/or Mathematics Teaching
- Statistics
- Interdepartmental Certificate in Developmental Disabilities
- Certificate in Elementary School Science
- Certificate in Marine Biology and Living Resource Ecology
- Certificate in Performance Management (Psychology)
- Graduate Certificate in American and Florida Studies
- Graduate Certificate in Archival Studies (History)
- Graduate Certificate in Cognitive Science (Psychology)
- Graduate Certificate in Critical Theory (English)
- Graduate Certificate in Editing and Publishing (English)
- Graduate Certificate in Information Systems Security Professionals
- Graduate Certificate in Interdisciplinary Humanities
- Graduate Certificate in Latin American and Caribbean Studies
- Graduate Certificate in Museum Studies: Anthropology
- Graduate Certificate in Museum Studies: Classics
- Graduate Certificate in Museum Studies: History
- Graduate Certificate in Museum Studies: Humanities
- Graduate Certificate in Oceanography

### Undergraduate Studies, Division of

#### Associate in Arts Certificate

#### College of Business

- Accounting
- Business Administration
- Finance
- Hospitality Administration
- Management
- Management Information Systems
- Marketing
- Multinational Business
- Real Estate
- Risk Management-Insurance

#### College of Communication

- Communication Sciences and Disorders
- Communication
- Interdepartmental Certificate in Developmental Disabilities
- Graduate Certificate in Digital Video Production
- Graduate Certificate in Hispanic Marketing Communication
- Graduate Certificate in Project Management

#### College of Criminology and Criminal Justice

- Criminology
- Criminology/Public Administration
- Criminology/Social Work
- Certificate in Corrections
- Certificate in Law Enforcement
- Certificate in Security Administration
- Certificate in Underwater Crime Scene Investigation, Undergraduate/Graduate

#### College of Education

- Adult Education
- Comprehensive Vocational Education
- Counseling and Human Systems
- Counseling Psychology and Human Systems
- Early Childhood Education
- Educational Leadership/Administration
- Educational Psychology
- Elementary Education
- Emotional Disturbances/Learning Disabilities
- English Education
- Foundations of Education
- Health Education
- Higher Education
- Instructional Systems
- Mathematics Education
- Measurement and Statistics
- Mental Disabilities
- Multilingual/Multicultural Education
- Physical Education
- Reading Education
- Recreation and Leisure Services Administration
- Rehabilitation Counseling
- Research and Evaluation Methods
- Science Education
- Social Sciences Education
- Special Education
- Visual Disabilities
- Interdepartmental Certificate in Developmental Disabilities
- Certificate in Special Event Management, Undergraduate/Graduate
- Certificate in Teaching English to Speakers of Other Languages, Undergraduate/Graduate
- Graduate Certificate in College Teaching
- Graduate Certificate in Early Childhood/Special Education
College of Motion Picture, Television, And Recording Arts

Graduate Certificate in Educational Measurement and Statistics
Graduate Certificate in Educational Policy
Graduate Certificate in Educational Technology
Graduate Certificate in Human Performance Technology
Graduate Certificate in Human Resource Development
Graduate Certificate in Institutional Research
Graduate Certificate in Methods and Policy of Educational Accountability
Graduate Certificate in Museum Studies: Recreation and Leisure Services Administration
Graduate Certificate in Online Instructional Development
Graduate Certificate in Program Evaluation

FAMU—FSU College of Engineering

Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Electrical Engineering
Industrial Engineering
Mechanical Engineering

Graduate Certificate in Water and Environmental Resources Engineering

College of Human Sciences

Athletic Training and Sports Medicine
Clothing, Textiles and Merchandising
Family, Child and Consumer Sciences
Family and Consumer Sciences Education
Food and Nutrition
Human Sciences
Marriage and the Family
Movement Science

Certificate in Residential Development, Undergraduate/Graduate
Graduate Certificate in Apparel Design
Graduate Certificate in Museum Studies: Textiles and Consumer Sciences
Graduate Certificate in Residential Development
Graduate Certificate in Retail Merchandising

College of Information

Information Technology
Library and Information Studies

Graduate Certificate in Museum Studies: Information Studies
Graduate Certificate in Youth Services

Interdisciplinary Programs

Aging Studies
American and Florida Studies
Asian Studies
Epidemiology
Health Policy Research
Humanities
International Affairs
Latin American and Caribbean Studies
Marriage and the Family
Physics Interdisciplinary Program
Public Health
Russian and East European Studies
Social Science

College of Law

American Law for Foreign Lawyers
Certify in Environmental, Natural Resources, and Land Use Law
Certify in International Law

College of Medicine

Biomedical Sciences
Medicine

Certificate in International Law

Certificate in Environmental, Natural Resources, Law
American Law for Foreign Lawyers
College of Law
College of Medicine

College of Motion Picture, Television, And Recording Arts

Motion Picture, Television and Recording Arts

College of Music

Arts Administration
Music Composition
Music Education
Music History and Literature
Music-Liberal Arts
Musicology
Music Performance
Music Theatre
Music Theory
Music Therapy

Certificate in Jazz Studies
Certificate in Performance
Certificate in Church Music, Undergraduate/Graduate

Vocal
Instrumental

Certificate in Early Music, Undergraduate/Graduate
Certificate in Piano Pedagogy, Undergraduate/Graduate
Certificate in Special Music Education, Undergraduate/Graduate
Certificate in World Music, Undergraduate/Graduate
Music Therapy Equivalency, Undergraduate/Graduate
Graduate Artist Certificate in Performance
Graduate Certificate in Arts Administration
Graduate Certificate in College Teaching
Graduate Certificate in Education and Leadership
Graduate Certificate in Music of the Americas
Graduate Certificate in Organ/Harpischord Performance
Graduate Certificate in Pedagogy of Music Theory

School of Nursing

Nursing

College of Social Sciences

Aging Studies
Applied Social Research
Asian Studies
Demography
Economics
Geography
Health Policy Research
International Affairs
Political Science
Public Administration
Public Administration/Health Policy Research
Public Administration/Urban and Regional Planning
Public Administration/Social Work
Russian and East European Studies
Social Science
Sociology
Urban and Regional Planning
Urban and Regional Planning/International Affairs

Certificate in African-American Studies
Certificate in Aging Studies, Undergraduate/Graduate
Certificate in Demography
Certificate in Emergency Management, Undergraduate/Graduate
Certificate in Political Economy
Certificate in Public Administration, Undergraduate/Graduate
Certificate in Urban and Regional Planning
Graduate Certificate in Human Resource Management
Graduate Certificate in Public Financial Management
Graduate Certificate in Real Estate Development
Graduate Certificate in Urban Design
### College of Social Work

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Work</td>
<td>B M D</td>
</tr>
<tr>
<td>Social Work/Criminology</td>
<td>M²</td>
</tr>
<tr>
<td>Social Work/Law</td>
<td>M²</td>
</tr>
<tr>
<td>Social Work/Public Administration</td>
<td>M</td>
</tr>
<tr>
<td>Certificate in Leadership in Executive and Administrative Development in Social Work</td>
<td></td>
</tr>
<tr>
<td>Certificate in Aging Studies, Undergraduate/Graduate</td>
<td></td>
</tr>
<tr>
<td>Certificate in Arts and Community Practice, Undergraduate/Graduate</td>
<td></td>
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<tr>
<td>Certificate in Child Welfare Practice, Undergraduate/Graduate</td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate in Family Social Work Practice</td>
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</tbody>
</table>

### College of Visual Arts, Theatre and Dance

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts Administration</td>
<td>M¹</td>
</tr>
<tr>
<td>Art Education</td>
<td>B M/S D</td>
</tr>
<tr>
<td>Art, History and Criticism of Graphic Design</td>
<td>B M D</td>
</tr>
<tr>
<td>Dance</td>
<td>B M D</td>
</tr>
<tr>
<td>American Dance Studies</td>
<td>B M D</td>
</tr>
<tr>
<td>Interior Design</td>
<td>B M D</td>
</tr>
<tr>
<td>Studio Art</td>
<td>B M D</td>
</tr>
<tr>
<td>Theatre</td>
<td>B M D</td>
</tr>
</tbody>
</table>

1. Offered jointly by the College of Arts and Sciences, the College of Communication and the College of Education

2. Denotes dual degree program

3. Offered jointly by the College of Human Sciences, the College of Social Sciences and the College of Social Work.
ADMISSIONS

Director of Admissions: Janice Finney
Associate Director: Heghe Ferguson
Assistant Directors: Linda Bodiford, Donna Bostwick, Lori Hamilton, Amelia Mann

General Policies

The Florida State University encourages applications for admission from qualified students regardless of gender, culture, race, religion, ethnic background, national origin, age, or disability. Admission of students to The Florida State University is within the jurisdiction of the University, but subject to the minimum standards adopted by the State Board of Education within the State of Florida, Division of Colleges and Universities. The admission requirements stated below are minimum requirements. Admission shall be on a selective basis within curricular, spatial, and fiscal limitations, and satisfaction of minimum requirements does not guarantee admission to Florida State University.

An application for admission may be obtained from the Office of Admissions, Florida State University, and at http://admissions.fsu.edu.

An application should not be submitted earlier than one year prior to the term for which admission is desired. The Office of Admissions reserves the right to return all applications received after the published deadline for a particular term or after any enrollment limit or program limit is reached.

The Office of Admissions will mail decisions regarding admission or denial on a scheduled notification system for beginning freshmen and a modified rolling basis for transfers. Admission is for a specific term. If the student is unable to enroll for the term indicated in the letter of admission, the Office of Admissions should be informed immediately. An applicant should not assume that admission is automatically deferred to a future term.

Offers of admission to the University are often contingent upon the subsequent receipt of official college, university, or high school transcripts indicating successful performance, and verification of high school graduation. Poor performance and/or failure to meet the conditions of admission stipulated in the official acceptance letter can result in the offer of admission being rescinded. Failure to submit such documents before the end of the second week of classes of the initial academic term may result in the cancellation of admission and registration.

Undergraduate applicants who are denied admission to the University may appeal the admission decision to the University Admissions Committee if they feel that because of some extenuating circumstance or unrevealed data the admission decision was inequitable. Applicants are requested to appeal in writing to the Admissions Committee through the Director of Admissions.

An application or residency statement submitted by or on behalf of a student that contains false, fraudulent, or incomplete statements may result in denial of admission or denial of further registration and/or invalidation of The Florida State University credit and related degrees.

Every accepted student must complete in its entirety the student health history form, included in the admission packet and found online at http://www.tshc.fsu.edu. The form must be forwarded to the Thagard Student Health Center prior to registration. The Florida State University reserves the right to cancel the admission of any applicant whose health record indicates the existence of a condition that may be harmful to members of the University community. Effective Summer term, 2007, all students will be required to provide proof of adequate health insurance coverage.

Note: The Florida State University has established a computer requirement for all incoming undergraduate students. To ensure a system configuration that will be adequate for a four-year degree program, please consult http://computerreqs.fsu.edu.

Application for Admission. The completed application for admission and a nonrefundable $30.00 fee payable to The Florida State University should be submitted as soon as possible at the beginning of the senior year, preferably in September, October, or November. Although it is the policy of the University not to defer or waive the application fee, this fee might be waived for applicants who can document that they have received a fee waiver from the American College Testing (ACT) Program or College Board (SAT).

Secondary School Record. An official high school transcript (sent directly by the high school to the Office of Admissions) reflecting work from the beginning of the 9th grade through whatever portion of the 12th grade has been completed at the time of application is required.

College Transcripts. Students who have registered for any course work at a community college, four-year college, or university through dual enrollment or special student status must submit an official transcript from that post-secondary institution.

Test Scores. Results from the ACT or SAT are required of all applicants for freshman admission. Either one or both of these tests should be taken no later than the February testing date of the senior year. Since the highest combination of scores is always considered, students should feel free to repeat a test.

Note: Applicants planning to take only the ACT should also sit for the Writing Test. Auditions. Auditions are required of all applicants wishing to major in music, dance, or the bachelor of fine arts (BFA) degree program in theatre. In addition to submitting the application for admission and other supporting information, prospective students should contact the College of Music or the School of Visual Arts, Theatre, and Dance for details.

Departmental Application. A departmental application is required of all applicants wishing to major in motion picture, television, and recording arts. In addition to submitting the application for admission and other supporting information, prospective students should contact the College of Motion Picture, Television, and Recording Arts for details.

Deadlines for Applications and Supporting Documents for Secondary School Applicants

<table>
<thead>
<tr>
<th>Semester</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>November 1</td>
</tr>
<tr>
<td>Summer</td>
<td>February 14</td>
</tr>
<tr>
<td>Fall</td>
<td>February 14</td>
</tr>
</tbody>
</table>

The University reserves the right to close freshman admissions earlier, and/or to increase requirements, if warranted by enrollment limitations and the number and quality of applications.

International students should refer to the “International Student Admission” section of this chapter.

Admission Requirements

Required High School Course Units

Specific high school course units are required for admission to the freshman class. An academic unit is the equivalent of a year-long course that is not remedial in nature. Upon graduation from high school, applicants must have earned four (4) units of English (at least three [3] with substantial writing requirements); three (3) units of mathematics (algebra I level and higher); three (3) units of natural science (at least two [2] with laboratory); three (3) units of social science (includes history, civics, political science, economics, sociology, psychology, and geography); two (2) sequential units of the same foreign language; and three (3) elective units (preferably from the English, mathematics, natural science, social science, or foreign language areas).

Academic Qualifications

Most Florida students accepted to the University present at least a “B+” average in all academic subjects (grades 9 through 12) and test scores of at least 24 (composite) on the ACT or 1100 (critical reading and mathematics sections) on the SAT. Non-Florida applicants will be held to higher standards. In addition to academic grade point average and
test scores, a variety of additional factors are considered. These include a written essay, the pattern and quality of courses and curriculum, grade trends, class rank, and educational objectives. Applicants who bring to the University community other important attributes may also receive additional consideration. These applicants include visual and performing artists and skilled athletes.

Center for Academic Retention and Enhancement (CARE)

Through the Center for Academic Retention and Enhancement (CARE), the University offers a special admission program dedicated to assisting students who have been disadvantaged due to economic, educational, or cultural circumstances. CARE provides a comprehensive program of orientation and academic support designed to ease the transition from high school to college, and to build a strong academic foundation. The majority of applicants selected to participate will be first generation college students from financially disadvantaged backgrounds.

Students admitted to the University through CARE will begin their studies in the summer. Interested students should submit the application for admission to the University, a supplemental CARE application available at http://www.care.fsu.edu, a short essay of no more than 500 words describing the student’s educational goals, and two (2) letters of recommendation (one from a high school guidance counselor). The minimum requirements for consideration include a “C+” grade point average, and either an ACT composite score of 19, or SAT total (critical reading and mathematics) score of 900.

Freshman Scholarships

All freshman applicants who are admitted to the University are automatically considered for merit-based scholarships. Recipients are selected based upon high school grades and test scores. Because scholarships are limited, students with strong academic records should apply to the University as early as possible.

Early Admission

The Florida State University provides an opportunity to outstanding high school students for early entry into the University. The following guidelines are used to consider these students: 1) sufficient maturity as evidenced by age at the time of admission and/or written recommendations pointing out the candidate’s maturity; 2) a 3.5 or better weighted...
high school grade point average in the academic subjects; 3) a minimum
composite score of 27 on the ACT or 1220 on the critical reading and
mathematics sections of the SAT; 4) sufficient strength in the academic
units as evidenced by the high school transcript; 5) evidence of a lack of
curricular opportunity in the existing high school setting; and 6) three (3)
letters of recommendation, one of which must be from the high school
principal or a representative of the principal.

Note: Applicants planning to take only the ACT should also sit for the
ACT Writing Test

Freshman Admission Deposit

All freshman applicants who are admitted to the University are required
to submit a $200.00 nonrefundable admission deposit to ensure a place
in the freshman class. Upon enrollment, the deposit will apply toward
the student’s tuition.

Admission by Transfer

Applicants desiring admission by transfer from other colleges or
universities must provide the Office of Admissions with the following:
Application for Admission. The completed application for admission
and a nonrefundable $30 fee payable to The Florida State University
should be submitted from six to nine months prior to the term for which
admission is desired. It is the policy of the University not to defer or
waive the application fee.

College Transcripts. Official transcripts from each college and
university attended must be submitted to the Office of Admissions.
Transcripts are considered official when they are sent directly from a
college or university to the Office of Admissions and contain an official
seal and/or signature. Transcripts bearing the statement “Issued to Student”
or transcripts submitted by the applicant are not considered official.

Secondary School Record. An official high school transcript is required
of all transfer applicants who have less than sixty (60) semester hours
of transferable credit (as evaluated by the Office of Admissions). The
transcript must reflect work completed from the beginning of the ninth
grade through the twelfth grade and the date of graduation.

Test Scores. Results from the ACT or SAT are required of all transfer
applicants who have less than sixty (60) semester hours of transferable
credit (as evaluated by the Office of Admissions) or who require exemption
from the Florida College Level Academic Skills Test (CLAST). Arrange-
ments should be made for the test results to be forwarded directly to the
Office of Admissions.

Verification of Foreign Language. Two (2) sequential units of the same
foreign language in high school or at least eight (8) semester hours of
the same foreign language at the college level (or documented equivalent
level of proficiency) are required of all transfer applicants.

Florida College Level Academic Skills Test (CLAST). Passing results
on each section of the Florida CLAST, or an approved alternative, are
required of all transfer applicants. Refer to the “Undergraduate Degree
Requirements” chapter of this General Bulletin for more details.

College, School, and/or Major Requirements. All majors have individual
milestones (prerequisites or specific grade point averages) that must be met
prior to transfer. In addition, some majors require auditions, departmental
applications, portfolios, or other information for consideration. Please
refer to the “Academic Programs” section of this General Bulletin or
http://www.academic-guide.fsu.edu for more details.

Deadlines for Applications and Supporting Documents
for Transfer Students

<table>
<thead>
<tr>
<th>Semester</th>
<th>Deadline</th>
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<tbody>
<tr>
<td>Spring semester</td>
<td>November 1</td>
</tr>
<tr>
<td>Summer semester</td>
<td>March 1</td>
</tr>
<tr>
<td>Fall semester</td>
<td>July 1</td>
</tr>
</tbody>
</table>

The University reserves the right to close transfer admissions earlier,
and/or to increase requirements, if warranted by enrollment limitations
and the number and quality of the applications.

International students should refer to the “International Student
Admission” section of this chapter.

General Admission Requirements

Applicants who have received an associate in arts (AA) degree from
a Florida public institution immediately prior to transfer will receive
priority consideration for admission, provided an application and all sup-
porting documents (including foreign language verification) have been
received by the deadline and they meet the requirements for admission
to their college/school/major.

Applicants With Less Than Sixty (60) Semester Hours of
Transferable Credit (As Evaluated by the Office of Admissions)
Must:

1. Meet The Florida State University freshman criteria for high
   school academic grade point average, academic units, and test
   score (refer to the ‘Freshman Admission Requirements’ section of
   this chapter);
2. Have at least a 3.0 (on a 4.0 scale) grade point average (GPA) on
   all college work attempted;
3. Have at least a 3.0 (on a 4.0 scale) GPA on all college work
   attempted at the last institution attended, if more than one
   institution is attended;
4. Have satisfactorily completed the Florida CLAST or an approved
   alternative to the CLAST; and
5. Have met the requirements for admission to their college/school/
major.

Applicants With Sixty (60) or More Semester Hours of
Transferable Credit (As Evaluated by the Office of Admissions)
Must:

1. Have at least a 3.0 (on a 4.0 scale) grade point average (GPA) on
   all college work attempted;
2. Have at least a 3.0 (on a 4.0 scale) GPA on all college work
   attempted at the last institution attended, if more than one
   institution is attended;
3. Have met the foreign language admission requirement;
4. Have satisfactorily completed the Florida CLAST or an approved
   alternative to the CLAST; and
5. Have met the requirements for admission to their college/school/
major.

Teacher Education Programs

All students planning to pursue a teacher education program at The
Florida State University must be formally admitted to teacher education.
Admission to a teacher education program is administered by the Dean
of the College of Education and assigned to the Office of Academic
Services, 108 Stone Building. Application for admission to a teacher
education program is distinct from admission to an upper-division
college or school and is made in the Office of Academic Services, 108
Stone Building.

Section 1004.04, Florida Statutes, Public Accountability and State
Approval for Teacher Preparation Programs, State Board of Education
Rule 6A-5.066 and The Florida State University Council on Teacher
Education require that all students seeking admission into undergraduate
teacher education programs at The Florida State University must meet
the following requirements prior to entering the program:

1. Have at least a 2.5 (on a 4.0 scale) grade point average (GPA) on
   all college work attempted; and
2. Have a grade of “C–” or better in each required general education
   English and general education mathematics course; and
3. Take and achieve a passing score on all sections of the Florida
   CLAST or pass the General Knowledge portion of the Florida
   Teacher Certification Examination.

Note: There is no longer a required minimum composite score on
the ACT or SAT for admission to teacher education. However,
programs with limited enrollment status may require submission
of the score, and may use that score in determining which students
will be admitted.

The following curriculum requirements must be completed prior to
entry into the degree program (upper-division):

1. Forty-five (45) semester hours in teacher preparation general
   education core curriculum (see the “College of Education”
   chapter of this General Bulletin for specific requirements).
   Students should consult with an advisor to determine how to
   simultaneously satisfy the thirty-six (36) semester hours in
   liberal studies and the teacher preparation general education
   core curriculum requirements.
2. State of Florida Common Course Prerequisites which include:
   a) three (3) education core courses of EDF 1005, EDG 2701, and
Limited Access Programs

A limited access program utilizes selective admission to limit program enrollment. Limited access status is justified where student demand exceeds available resources (student/faculty ratios, instructional facilities, equipment, or specific accrediting requirements). Criteria for selective admission include indicators of ability, performance, creativity, or talent to ensure students meet specific criteria. Admission to such programs is governed by the Articulation Agreement and by the State Board of Education administrative rules.

Limited Access Degree Programs at Florida State University Include:

- Accounting
- Business Administration
- Communication
- Communication Sciences and Disorders
- Computer and Information Science
- Dance
- Early Childhood Education
- Economics
- Elementary Education
- Emotional Disturbances/Learning Disabilities
- Finance
- Graphic Design
- Hospitality Administration
- Interior Design
- Management
- Management Information Systems
- Marketing
- Mental Disabilities
- Motion Picture, Television, and Recording Arts
- Multinational Business
- Music Composition
- Music Education
- Music History and Literature
- Music, Liberal Arts
- Music Performance
- Music Theory
- Music Therapy
- Nursing
- Psychology
- Real Estate
- Recreation and Leisure Services Administration
- Risk Management/Insurance
- Visual Disabilities
- Bachelor of Fine Arts in Theatre:
  - Majors in Acting, Design/Technology, Musical Theatre, and Theatre
- Bachelor of Fine Arts in Studio Art

Transfer Scholarships

Associate in Arts (AA) degree recipients from Florida public community/junior colleges who enroll directly at the University and who display high academic achievement are awarded academic scholarships on a competitive basis by The Florida State University. Applicants with cumulative grade point averages of at least 3.8 will be automatically considered.

International Student Admission

Applicants to The Florida State University are considered international if they are not U.S. citizens, dual citizens, or Permanent Resident Aliens.

International applicants must provide the Office of Admissions with the following:

- **Application for Admission.** The completed International Application for Admission and a nonrefundable $30.00 fee in U.S. currency must be submitted. The check or money order must be drawn on a U.S. bank and made payable to The Florida State University. The application will not be processed without the application fee and under no circumstances will the University waive or postpone this fee.
- **Academic Records.** Official or certified copies of all academic records and/or examination results from every institution attended are required. Records are considered official only when sent directly from the issuing institution, and must bear the original seal of the institution or the original signature of the institution’s records official. All documents must be issued in the native language and be accompanied by certified English translations.
- **Test Scores.** Results from the ACT or SAT are required of all freshman applicants and all transfer applicants who have less than sixty (60) semester hours of transferable credit (as determined by the Office of Admissions after a course-by-course evaluation has been submitted), or who require exemption from the Florida College Level Academic Skills Test (CLAST). Arrangements should be made for the test results to be forwarded directly to the Office of Admissions from the American College Testing Program or College Board.
- **Verification of Foreign Language.** Two (2) sequential units of the same foreign language in high school or at least eight (8) semester hours of the same foreign language at the college level (or documented equivalent level of proficiency) are required of all transfer applicants whose native language is English.
- **Florida College Level Academic Skills Test (CLAST).** Refer to the “Admission by Transfer” section of this chapter.
- **College, School, and/or Major Requirements.** All majors have individual milestones (prerequisites or specific grade point averages) that must be met prior to transfer. In addition, some majors require auditions, departmental applications, portfolios, or other information for consideration. Please refer to the “Academic Programs” section of this General Bulletin or http://www.academic-guide.fsu.edu for more details.

- **Transfer Credit.** An official course-by-course evaluation is required for all academic records from non-U.S. institutions. We recommend the evaluation be done by a member of the National Association of Credential Evaluation Services (http://www.naces.org) or the International Education Credential Services provided by the American Association of Collegiate Registrars and Admissions Officers (http://www.aacrao.org).

- **Certification of Finances.** Certification of finances must be completed before the Certificate of Eligibility (Form I-20 or DS-2019) is issued. The I-20 and DS-2019 are immigration forms presented to the United States Embassy/Consulate in order to obtain a US Student Visa. The University is required by immigration authorities to verify the financial resources of each applicant prior to issuing the Form I-20 or DS-2019; therefore, it is important that the applicant knows the costs of attending the University and has the necessary support funds for the entire period of enrollment. The Certification of Financial Responsibility (CFR) form must be completed, signed by the applicant and/or the sponsor, and
Admissions

submit, along with verification of funding from the applicant’s or sponsor’s bank or financial institution, to the Florida State University International Center. The applicant must show proof of financial support for the first year of study and demonstrate availability of funds for the length of the academic program. More information on the CFR is available at http://www.internationalcenter.fsu.edu.

Deadlines for Applications and Supporting Documents for International Students

Freshmen (first-time-in-college and undergraduate transfer applicants with less than twelve [12] semester hours of transferable credit as determined by the Office of Admissions after a course-by-course evaluation has been submitted):

- Spring semester: November 1
- Summer semester: February 14
- Fall semester: February 14

Transfers (applicants with twelve [12] or more semester hours of transferable credit as determined by the Office of Admissions after an evaluation has been submitted):

- Spring semester: November 1
- Summer semester: March 1
- Fall semester: July 1

The University reserves the right to close freshman and transfer admissions earlier, and/or to increase admission requirements, if warranted by enrollment limitations and the number and quality of applications.

Admission Requirements

Freshmen

Admission to The Florida State University requires graduation from a recognized secondary program with certain academic units, a successful performance average in those academic units, and appropriate ACT or SAT scores. Four (4) units of English, three (3) units of mathematics (algebra I level and higher), three (3) units of natural science (at least two [2] with a laboratory), three (3) units of social science, two (2) sequential units of the same foreign (non-English) language, and three (3) units of electives (preferably in above areas) are required. A unit is the equivalent of a yearlong subject that is not remedial in nature. Applicants from non-English speaking countries must also present a minimum TOEFL score of 550 on the paper-based test, 213 on the computer-based test, or 80 on the internet-based test. Academic qualifications for freshmen are described above in ‘Academic Qualifications’ in the ‘Admission Requirements’ section.

Applicants who have received an associate in arts (AA) degree from a Florida public institution immediately prior to transfer will receive priority consideration for admission, provided an application and all supporting documents (including verification of foreign language competency) have been received by the deadline, and they meet the requirements for admission to their college/school/major.

For a number of undergraduate degree programs, access is limited at the junior year to those students meeting certain additional criteria. Limited access programs are described in the previous section, ‘Admission by Transfer.’

Transfers With Less Than Sixty (60) Semester Hours of Transferable Credit Must:

1. Meet The Florida State University minimum freshman admission requirements of secondary school academic performance (academic courses only), academic units, and test scores;
2. Have at least a “B” average (3.0 GPA on a 4.0 scale) on all college work attempted;
3. Have at least a “B” average (3.0 GPA on a 4.0 scale) on all college work attempted at the last institution attended, if more than one institution is attended;
4. Submit an official course-by-course evaluation of all academic records from each non-U.S. college and/or university attended(ing);
5. Submit required TOEFL score if the applicant is from a country where English is not the official language;
6. Have satisfactorily completed the Florida CLAST or an approved alternative to the CLAST; and
7. Have met the requirements for admission to their college/school/major.

Transfers With Sixty (60) or More Semester Hours of Transferable Credit Must:

1. Have at least a “B” average (3.0 GPA on a 4.0 scale) on all college work attempted;
2. Have at least a “B” average (3.0 GPA on a 4.0 scale) on all college work attempted at the last institution attended, if more than one institution is attended;
3. Submit an official course-by-course evaluation of all academic records from each non-U.S. college and/or university attended(ing);
4. Have met the foreign language admission requirement if the applicant is from a country where the official language is English;
5. Submit required TOEFL score if the applicant is from a country where English is not the official language;
6. Have satisfactorily completed the Florida CLAST or an approved alternative to the CLAST; and
7. Have met the requirements for admission to their college/school/major.

Notice of Admission

Formal notification of admission to The Florida State University is sent by the Office of Admissions and is for a specific term. The International Center will issue the appropriate immigration form (Form I-20 or DS-2019) necessary to obtain the student’s visa when formal admission is granted and all required financial documentation is received.

If the student is unable to enroll for the term indicated in the notice of admission, the Office of Admissions should be informed immediately. If the student wishes to be reconsidered for a different term, the Office of Admissions must be advised in writing. The student also must notify the International Center of any changes by email at ICAdmissions@admin.fsu.edu or by faxing a letter to (850) 645–2112.

Finances

Before a United States Consul will grant a visa, international applicants must prove that they will have sufficient funding to meet all of their expenses while studying in the United States. Applicants must explain the source of funds noted on their I-20 or DS-2019 form, and must guarantee that they will receive funding for the duration of the program. Unless applicants show written evidence of having financial support for the entire time required to complete the degree program, they will not be granted a student visa.

If the student’s government limits the amount of money that may be sent to students in the United States, the student should make sure that sufficient funds will be available. When applicants leave their country, they must have enough money to pay for traveling expenses to the University, fees for the entire term, living expenses until more money arrives, and the return fare to their home country. Students must be sure that they will have sufficient financial resources to cover all costs during their stay at the University. If the applicant’s government requires verification of enrollment before money can be forwarded, the student may request verification from the Office of the University Registrar after registration is completed at the University.

A number of international students arrive at the University without being aware of the amount of money they will need. On-campus employment opportunities are limited, and most international students are not permitted to work off campus except under special circumstances. Each year, many students find themselves in serious financial difficulties because they did not arrange for adequate support. Before making firm plans to come to the United States, international applicants should read the following sections carefully.

The costs given are estimated minima and are subject to change. The student should have access to approximately half of the estimated total yearly amount at the beginning of each semester, since university fees must be paid upon registration at the start of each term. The student should also be aware of housing deposit and rent, insurance, utilities and other initial costs. The following estimates are based on one academic year (two semesters—Fall and Spring) and are for unmarried students with no dependents. Additional funds must be included for students who bring a spouse and/or children ($5,000 for spouse and $3,000 for each child

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per year). Only a spouse and children may be classified as dependents. Biographical data must be provided for each family member accompanying the student to the United States. The data should include complete name, date of birth, gender, city of birth, country of birth, country of citizenship, country of permanent residence, and relationship to the student (wife/husband, son, or daughter).

**Annual Estimate of Costs for Undergraduate International Students**

The annual estimated costs listed below are for the 2005–2006 academic year. Costs for the 2006–2007 academic year were not available at date of publication.

- Tuition/Fees¹: $16,340.00
- Books and Supplies: $856.00
- Room and Board²: $6,778.00
- Insurance³: $1,324.00
- Miscellaneous: $2,000.00
- **Total**: $27,298.00

¹ The tuition and fee estimate is based on fifteen (15) credit hours for an undergraduate international student attending two (2) terms per year. (International students must register for a minimum of twelve hours each term.) It is estimated that an additional $6,536 will be necessary for tuition and fees if the student will be attending summer school. Contact the Office of Admissions or refer to Web site [http://admissions.fsu.edu/intl](http://admissions.fsu.edu/intl) for the approved 2006–2007 fees.

² Includes annual mid-range costs for on-campus residence halls (does not include Alumni Village) and one of the most popular meal plans. Contact the Housing Office or refer to Web site: [http://www.housing.fsu.edu](http://www.housing.fsu.edu) for the approved 2006–2007 rental costs. Contact Seminole Dining or refer to [http://www.seminoledining.com](http://www.seminoledining.com) for the 2006–2007 actual costs.

³ All international students who are admitted to the University must maintain health insurance coverage for the duration of their program of study. Dependents of international students in "J" visa status also are required by federal regulations to have health insurance coverage for the duration of their stay in the United States. Current estimated annual health insurance costs:

<table>
<thead>
<tr>
<th>Age of Student/ Spouse</th>
<th>Student Coverage</th>
<th>Spousal Coverage</th>
<th>Coverage for One Child</th>
<th>Coverage for All Children</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 25</td>
<td>$1324.00</td>
<td>$4939.00</td>
<td>$1823.00</td>
<td>$3509.00</td>
</tr>
<tr>
<td>25–34</td>
<td>$1485.00</td>
<td>$5539.00</td>
<td>$1823.00</td>
<td>$3509.00</td>
</tr>
<tr>
<td>35 and Older</td>
<td>$1517.00</td>
<td>$5658.00</td>
<td>$1823.00</td>
<td>$3509.00</td>
</tr>
</tbody>
</table>

⁴ The university requires incoming undergraduate students to have a computer that meets set minimum standards. Please visit [http://computerreqs.fsu.edu](http://computerreqs.fsu.edu) for more information.

**Passports and Visas**

International applicants need a current passport from their own government and a visa from the United States Embassy/Consulate to enter the United States. Applicants should apply for a passport as soon as possible, although in some countries it will be necessary to provide proof of admission to a United States school before a passport is granted.

Students already in possession of a passport must make sure it will remain valid for six months from the date they plan to enter the United States. It would also be prudent for students to check with the Embassy or Consulate of their native country to find out how passports are renewed while in the US. In some cases, students may need to get an extension of validity from their home country.


Federal policy requires that all applicants for US visas have a personal interview with a consular officer and that certain categories of applicants undergo a security clearance. More information on travel to the US can be found in the International Center Pre-Arrival brochure, which is mailed with the I-20 or DS-2019. The brochure is also available on the International Center Web site.

**Health Insurance**

The University’s Thagard Student Health Center provides basic outpatient care. Because students are likely to incur costs for medical care beyond that provided through outpatient services, adequate health insurance coverage must be obtained before they will be permitted to register for classes or to continue enrollment. In addition, international students with "J" visa status who will be accompanied by dependents are required by federal regulations to purchase health insurance coverage for them. For more information regarding health insurance, contact the Thagard Student Health Center, (850) 644-4250, [http://www.tschc.fsu.edu](http://www.tschc.fsu.edu).

International applicants are **required** to complete and submit a health history form that describes previous illnesses and/or surgery. If students have ever had tuberculosis (or scars appearing on chest X-rays) or other serious infectious diseases, they must have a thorough medical examination made before coming to the University and bring the reports to campus. International applicants must be immunized, and show proof of such immunization, prior to registration. Students will not be allowed to enroll until they have submitted the health history form and have purchased insurance or provided proof of health insurance that meets the minimum coverage required by the state of Florida.

**Intensive English Program**

English is the language of instruction and communication at the University. International applicants who lack sufficient English preparation must correct this deficiency before being admitted to the University. Students may do this in their home country or in the United States at a school that offers an intensive English language program. The Florida State University offers such a program through the Center for Intensive English Studies. Detailed information on the center may be obtained at [http://www.cies.fsu.edu](http://www.cies.fsu.edu).

Admission to the Center for Intensive English Studies does not in any way imply that admission to The Florida State University will be approved.

**Admission to Graduate Study**

Admission to graduate study involves admission to the department, school, or college in which the applicant expects to study; therefore, final admission to the University is subject to approval by the specific program. While there are minimum University admission requirements, the departments can, and frequently do, set admission standards higher than these minima. The student should determine departmental requirements first and then determine the University admission requirements. Consult the [Graduate Bulletin](http://www.cies.fsu.edu) for complete details.
Admission to Panama City Campus

Transfer students who have sixty (60) or more semester hours of transferable credit and are interested in attending the Panama City campus may request an application from the following: Office of Admissions, The Florida State University, 4750 Collegiate Drive, Panama City, FL 32405-1099, or apply online at http://www.pe.fsu.edu.

The same policies, procedures, and requirements that pertain to the Tallahassee campus apply to the Panama City campus.

Readmission

Returning undergraduate degree-seeking students who 1) have been absent from the University for two or more consecutive terms (including summer); 2) have been dismissed from the University and have been absent for two or more consecutive terms (including summer); 3) have withdrawn from the University and have been absent for two or more consecutive terms (including summer); 4) have earned a bachelor’s degree from the University and wish to pursue a second bachelor’s degree; or 5) have had their last term of enrollment at the University administratively cancelled and have been absent for two or more consecutive terms (including summer), must submit an application for readmission to the readmissions section of the Office of Admissions. Readmitted former students are subject to retention requirements if required in the time of reentrance. In addition, students claiming Florida residency must reestablish their eligibility for this classification when applying for readmission.

Students who attempt college work (including correspondence work) at any other college or university since their last enrollment at The Florida State University must have official transcripts sent to the readmissions section of the Office of Admissions. Transcripts are considered official when they are sent directly from a college or university to the Office of Admissions and contain an official seal and/or signature. Transcripts bearing the statement “Issued to Student” or transcripts submitted by the applicant are not considered official.

The University reserves the right to refuse readmission to any student who has an unsatisfactory academic, conduct, or health record. Students who are denied readmission to the University may appeal that decision by filing a written petition with the appropriate academic dean’s office. Students who are denied readmission for judicial reasons may appeal by filing a written petition to the Admissions Committee through the Director of Admissions.

The readmission application and all supporting documents should be submitted at least two months prior to the beginning of the term for which readmission is desired. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.)

Readmission After Multiple Withdrawals

When a student has withdrawn from the University three (3) or more times, subsequent readmission will be considered by a committee whose charge is to assess the student’s capability of making satisfactory progress toward degree. This committee, appointed by the Council of Associate and Assistant Deans, will make a recommendation to the dean of the student’s college who will make the final decision.

Special (Non-Degree Seeking) Student Regulations

A special student is a classification assigned to a non-degree-seeking student for registration privileges. Admission as a special student is subject to approval and may be open to high school graduates and post-baccalaureate students provided the student has at least a 2.0 GPA on all course work taken at this institution. Applicants who have been denied admission as a degree-seeking student or who missed the deadline for submitting a degree-seeking application will not be considered for admission as a special student. Students intending to register for graduate coursework will be considered for the special student status after consultation with the graduate program. The completed special student application must be accompanied by a $30.00 nonrefundable application fee, payable to The Florida State University, and all supporting documents. Special student applications should be submitted for consideration one semester prior to the desired term of enrollment. Deadline dates are two months prior to the beginning of each term. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) The Special Student section of the Office of Admissions reserves the right to return all applications received after the published deadline for a particular term or after any enrollment limit is reached.

A special student at The Florida State University who subsequently decides to pursue a degree must apply for admission through the Office of Admissions. The student may be reclassified as a regular undergraduate student upon meeting regular undergraduate admission requirements.

Enrolling as a special (non-degree-seeking) student does not guarantee admission to an undergraduate program.

The University generally does not issue I-20 or DS-2019 visa documents for international special students. At the request of a department, the University will provide a visa document for special students who are accepted for full-time enrollment in a certificate program. The Department must contact the International Center (http://www.internationalcenter.fsu.edu) and the student must provide evidence of financial support and other information required by the United States government. In addition, the student must purchase or provide proof of health insurance coverage prior to enrollment. Foreign nationals on a student visa may not use the special student status other than to fulfill prerequisite requirements, or for summer enrollment if full-time status has been maintained during the academic year.

All registration by special students is on a space-available basis. For more complete details, see the “Academic Regulations and Procedures” chapter of this General Bulletin.

Tallahassee Community College/The Florida State University Cooperative Program

A Tallahassee Community College student wishing to dual enroll at The Florida State University must obtain specific approval from the designated representative in the Office of Enrollment Services at Tallahassee Community College and the Office of Admissions at The Florida State University by the published deadline. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) If the student is participating in a special program (music, band, dance, ROTC), the student also must obtain approval from the appropriate departmental representative before submitting the form to the Office of Admissions. If approval for dual enrollment is granted, the student follows the prescribed registration procedures and adheres to the fee schedule established by this institution. The approval of one institution does not bind the other to comply. Florida State University students wishing to dual enroll at Tallahassee Community College should refer to the “Office of the University Registrar” chapter of this General Bulletin.

Note: Academic rules governing regular students (e.g., fees, drop/add, withdrawal, grading policies, etc.) apply to dual enrollment students.

Undergraduate Interinstitutional Transient Students

A student at another institution who wishes to take advantage of special resources and/or programs not available at their home institution should submit an interinstitutional transient student application that has been approved by the home institution to the Office of Admissions by the published deadline. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) If approval for the transient status is granted, the student follows the prescribed registration procedures and adheres to the fee schedule established by this institution. The approval of one institution does not bind the other to comply. Florida State University students wishing to enroll as transients at another institution should refer to the “Office of the University Registrar” chapter of this General Bulletin.

Note: Academic rules governing regular students (e.g., fees, drop/add, withdrawal, grading policies, etc.) apply to transient students.
FINANCIAL INFORMATION, TUITION, FEES, AID, SCHOLARSHIPS AND EMPLOYMENT

University Controller: Thomas Harrison;
Executive Director, University Financial Services: Dr. Perry W. Crowell;
Director: Marcia Murphy

General Information

Tuition and fees are collected by the University Controller’s Office of Student Financial Services. Payment of registration fees and tuition detailed below is an integral part of the registration process. Academic progress will be stopped and official University documents and services (transcripts, diplomas, registration etc.) withheld if tuition and fees are not paid within the established time frame listed.

Tuition Payments and Arrangements. The student’s Web name and password are required to access the Online Billing Statement at http://www.fees.fsu.edu. Tuition and fees are due according to the posted deadline at http://www.sfs.fsu.edu. Financial aid is disbursed during the second week of the semester, and as received thereafter. We encourage students to submit their third-party agency billings as soon as they have registered for classes. Due by the fifth day of each semester are all third-party agency billings, departmental billings, FSU employee scholarships, state employee tuition vouchers, and Veteran’s deferments.

Assessment of Fees. Fees are established by the Florida State University Board of Trustees, and the Florida State Legislature and are subject to change. The University will calculate and assess the charges to be settled for fees due based on the fee rates authorized by the Florida State University Board of Trustees and the student’s schedule. Students should review their Student Assessment Payment Schedule on the Internet at http://www.fees.fsu.edu to verify the accuracy of the charges. At the time of payment, students should also review their payment receipt to verify the payment made, any outstanding charges owed, or any arrangements outstanding. Credit and debit card payments can be made through the Internet at http://www.fees.fsu.edu.

Panama City Campus. Students who intend to enroll at the Panama City campus of The Florida State University are to pay their fees at: Controller’s Office, 4750 West Collegiate Drive, (Barron Building, 1st Floor) Panama City, FL 32405. This office will answer any questions concerning fee payments and financial aid distribution. For further information, please call (850) 644-2090, ext. 175. Inquiries and payments can be made through the Internet at http://www.fees.fsu.edu.

Residency Requirements for Tuition Purposes

At The Florida State University there are four offices responsible for the initial review of residency for tuition purposes under Section 1009.21, Florida Statutes, and Florida Board of Governors Rule 6C-7.005. These offices are: 1) The Office of Admissions, 2) Law School Admissions, 3) College of Medicine Admissions, and 4) the Office of the University Registrar. The first three offices determine residency for all first-time-on-campus students; the Office of the University Registrar is the only office to which students can apply for changes in residency. The first three offices review the following documents in determining the student’s domicile:

1. Declaration of Domicile.
2. Proof of purchase of a home in Florida that you occupy as your residence.
3. Proof of your residence.
4. Florida voter’s registration.
5. Florida vehicle registration.
6. Florida driver’s license.
7. Proof of real property ownership in Florida (e.g., deed, tax receipts).
8. Verification of employment by the employer, employment records, or other employment-related documentation (e.g., W-2, paycheck receipts), other than for employment normally provided on a temporary basis to students or other temporary employment.
9. Proof of membership in or affiliation with community or state organizations or significant connections to the state.
10. Proof of continuous presence in Florida during periods when not enrolled as a student.
11. Proof of former domicile in Florida and maintenance of significant connections while absent.
12. Proof of reliance upon Florida sources of support.
13. Proof of domicile in Florida of family.
14. Proof of admission to a licensed practicing profession in Florida.
15. Proof of acceptance of permanent employment in Florida.
16. Proof of graduation from high school located in Florida.
17. Any other factors peculiar to the individual that tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual.
18. No contrary evidence establishing residence elsewhere.
19. Documentation of dependent/independent status (copy of Internal Revenue Service tax return).

Note: Federal income tax returns filed by resident(s) of a state other than Florida disqualify such students for in-state tuition, unless said student’s parents are divorced, separated, or otherwise living apart and either parent is a legal resident of Florida.

OR

Become a legal resident and be married to a person who has been a legal resident of the state of Florida for the required twelve-month (12) period,

AND

Have established a legal residence in this state and maintained that legal residence for 12 months immediately prior to the term in which they are seeking Florida resident classification. Students’ residence in Florida must be as a bona fide domiciliary rather than for the purpose of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education, and should be demonstrated as indicated below (for dependent students as defined by Internal Revenue Service regulations, a parent or guardian must qualify).
Be a member of the Armed Forces on active duty stationed in Florida, or whose home of record is Florida, or a spouse or dependent,
OR
Be a member of the full-time instructional or administrative staff of a state public school, community college, or university in Florida, or a spouse or dependent,
OR
Be an active-duty member of the armed services of the United States or a spouse attending a public community college or university within 50 miles of the military establishment where the member is stationed, if such military establishment is within a county contiguous to Florida,
OR
Be a dependent and have lived five years with an adult relative who has established legal residence in Florida,
OR
Be a person who was enrolled as a Florida resident for tuition purposes at a Florida public institution of higher education, but who abandoned Florida residency and then reenrolled in Florida within 12 months of the abandonment,
OR
Be a Latin American/Caribbean scholar,
OR
Be a United States citizen living on the Isthmus of Panama and have completed twelve (12) consecutive months of college work at The Florida State University Republic of Panama Branch, or a spouse or dependent,
OR
Be a graduate student of the Southern Regional Education Board's Academic Common Market attending one of Florida’s state universities,
OR
Be a full-time employee of a state agency or political subdivision of the state when student fees are paid by the state agency or political subdivision for the purpose of job-related law enforcement or corrections training,
OR
Be a qualified beneficiary under the Florida Pre-Paid Post-secondary Expense Program per Section 1009.988(2), Florida Statutes (pre-paid ID card required),
OR
Be a McKnight Fellowship Recipient,
OR
Be an active-duty member of the Canadian military residing or stationed in Florida under the North American Air Defense (NORAD) agreement, or the member’s spouse or dependent children, attending a public community college or university within 50 miles of the military establishment where the member is stationed,
OR
Be an active member of The Florida National Guard who qualifies under Section 1009.21, Florida Statutes, for the tuition assistance program,
AND
Make a statement as to the length of residence in Florida and qualification under the above criteria. Students wishing to change from out-of-state to in-state residency for tuition purposes shall apply to the appropriate admissions office if they have not yet enrolled, or to the University Registrar if they are already enrolled.

**Tuition and Instructional Fees**

The “Academic Calendar” appearing in the Registration Guide each term sets forth the beginning and ending dates of each term and all deadlines.

**Assessment of Fees**

The following fees and charges are based on proposed rates; however, since the General Bulletin must be published in advance of its effective date, it is not always possible to anticipate changes, and the fee schedule may be revised. Every effort will be made to publicize changes for any semester in advance of the registration date for that semester. Current information is available on the Internet at the “Money Matters” section of http://www.studentsfirst.fsu.edu.

Students are assessed fees based on the level of the course as established by the State Board of Education and the Florida State Legislature. Rates applicable to the main campus for Fall term, 2005, and Spring and Summer terms, 2006, are used as a basis for estimating course charges per credit hour for Florida and non-Florida residents. Fees applicable to 2006–2007 had not been confirmed by the Florida Legislature at the time of the publication of this document.

**Actual Course Fee Charge Per Credit Hour 2005–2006 Schedule**

<table>
<thead>
<tr>
<th>Course Level</th>
<th>Florida Students</th>
<th>Non-Florida Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>$100.93</td>
<td>$538.65</td>
</tr>
<tr>
<td>Graduate</td>
<td>$229.45</td>
<td>$860.85</td>
</tr>
<tr>
<td>Law (continuing)</td>
<td>$257.27</td>
<td>$924.35</td>
</tr>
<tr>
<td>Law (new)</td>
<td>$294.02</td>
<td>$913.34</td>
</tr>
<tr>
<td>Repeat Course Fee per credit hour (undergraduate only)</td>
<td>$170.22</td>
<td>$170.22</td>
</tr>
</tbody>
</table>

**Note:** Course fees may vary depending upon course location.

Students enrolled in cooperative education courses with zero (0) semester hours will be charged for one (1) semester hour of Florida resident undergraduate work, unless also enrolled in other credit courses at The Florida State University during the same academic term.

Students registered in courses for zero (0) semester hours (master’s comprehensive examination, master’s thesis defense, dissertation defense, or other graduate-level zero (0) semester hour courses) will be charged for one (1) Florida resident graduate semester hour, unless also enrolled in other credit courses at The Florida State University during the same academic term.

**Special Fees, Fines, and Penalties**

**Note:** All fees subject to change.

**Application Fee:** $30.00. Applicants for admission as degree-seeking or non degree-seeking are assessed a nonrefundable application fee.

**Admission Deposit:** $200.00. Admitted freshmen students who plan to attend The Florida State University must pay a nonrefundable fee that will be applied to their tuition.

**New Student Orientation Fee:** $30.00. This fee is assessed when new students register to attend the required University orientation program. This is a nonrefundable fee.

**Late Registration Fee:** $100.00. A late registration fee is assessed when a student does not begin registration during the time provided under the academic calendar.

**Late Payment Fee:** $100.00. (Rate subject to change.) A late payment fee is assessed against students who do not pay their tuition in full by the required due dates (see the “Academic Calendar” in this General Bulletin).

**Florida State University Identification Card (FSUCard):** $10.00. This fee is assessed against first-time FSUCard recipients, including high school students. This fee may be paid when tuition is paid.

**Replacement FSUCards:** $15.00. A fee for the preparation of a new card is assessed against those students, including high school students, who lose their FSUCards.

**Duplication/Photocopying Fee:** At cost. A fee is assessed for duplicating or photocopying documents.

**Standard Tests Fee:** At cost. A fee is assessed for test materials and related factoring or grading charges levied by an external agency used in standardized tests, such as the Graduate Record Examinations.

**Transcript Fee:** $5.00. This fee is assessed for each official transcript issued.

**Installment Contract Fee:** $10.00 per contract. This fee is assessed for executing an installment contract for tuition payment available during fall and spring semesters only.

**Transportation Access Fee:** $6.00 per credit hour. Rate subject to change. This fee is assessed per credit hour to all main campus students. It covers all modes of transportation on campus such as sidewalks, bikes, mass transit (on- and off-campus buses) and vehicles. Revenue generated by this fee is used to improve the overall infrastructure of campus for all students. For additional information about parking locations, rules, regulations and rates, go to http://www.vpfa.fsu.edu/parking.

**Returned Check Charge, Stop Payment Charge:** $25.00 or five percent (5%) of the amount of the check, whichever is greater (rate subject to change). A returned check/stop payment charge is assessed against a student’s account who has a check or electronic authorization for payment.
returned by the bank to The Florida State University. The Florida State University automatically submits all personal checks twice for payment if the check was returned once for insufficient or uncollected funds. This is an automated process and the second submission cannot be stopped; however, there is no charge assessed by The Florida State University for this second submission.

Returned check charges are assessed for all personal checks written and electronic payments authorized for tuition, fees, or any services provided by the University that are returned to The Florida State University for insufficient funds, uncollected funds, wrong account numbers, closed accounts, and stop payments placed on checks. In addition to the returned check charge, if the initial payment is for tuition and redemption of the returned item is not made prior to the tuition payment deadline, a late payment fee is assessed to tuition. The Florida State University places a hold on accepting any personal checks or electronic payment authorizations from anyone on the student’s account for ninety (90) days after redemption for any services, tuition, or fees that are owed to the University if a personal check or electronic payment is returned. Redemption must be paid with cash, money order or cashier’s check. If a second check is returned or a stop payment is placed on it, the student will be permanently listed on all departments’ ACCEPT CASH ONLY list, and no personal checks will be accepted from anyone on the student’s account from that day forward.

Notification will be sent to the student via mail to the address on the check or to the last maintained address in The Florida State University’s records. A copy of the notification letter will be sent to the maker of the check at the address on the check, if the student is not the person on whose account the funds are drawn. After notification that a check has been returned, redemption including the service charge must be made by seven (7) working days with cash, money order or cashier’s check. The Florida State University forwards all returned checks to the State Attorney’s office for redemption and prosecution after collection efforts are exhausted. After a returned check is forwarded to the State Attorney’s office, redemption of the check will not prevent prosecution.

Thesis and Dissertation Fees: A graduate student submitting a thesis or dissertation is assessed a binding fee at cost (extra charge for oversize copies). In addition, doctoral students submitting a dissertation are assessed a microfilming fee and may pay a copyright fee, if desired.
- Binding Fee: At cost.
- Microfilming Fee: At cost.
- Copyright Fee: Optional, at cost.

Loss and Damage Fees: Students who lose or damage equipment may be assessed a breakage or loss fee to pay for breakage or loss of equipment. Upon completion of the course, the instructor will prepare a listing of the cost of all such lost and damaged equipment and assess the student a loss or damage fee. The charge varies, based on the cost of the item, and generally applies to students taking laboratory courses.

Scientific Laboratory Fees: Various fees. Students enrolled in certain laboratory courses are assessed a fee that is used to offset the cost of scientific materials or items consumed in the course of the students’ laboratory activities. These fees are assessed based on the course.

Library Fees
Fines for Late Return: (per book or unit, per day): $0.25. A fine for the late return of a library book will be assessed against students as well as graduate teaching assistants and associates who do not return library books by the due date.

Fines for Overdue Reserve Library Books: (per book, per hour): $0.25.

Fines for Failure to Respond to a “Recall Notice” (per book or unit, per day): $0.25. A fine for the failure to respond to a “recall notice” will be assessed against students, graduate teaching assistants and associates, and faculty who do not return library books by the recall due date specified in the notice.

Fines for Inter-Library Systems: At cost.

Housing Costs
For complete descriptions of housing facilities, services, costs, and how to apply for University housing, refer to the “Housing” chapter of this General Bulletin.

Annual Estimate of Cost
The annual estimated costs listed below are for the 2006–2007 academic year. Costs for the 2006–2007 academic year were not available at date of publication.

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>(In-state)</th>
<th>(Out-of-state)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees+</td>
<td>$3,208.00</td>
<td>$16,340.00</td>
</tr>
<tr>
<td>Housing *</td>
<td>3,600.00</td>
<td>3,600.00</td>
</tr>
<tr>
<td>Food #</td>
<td>3,178.00</td>
<td>3,178.00</td>
</tr>
<tr>
<td>Books/Supplies</td>
<td>856.00</td>
<td>856.00</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$10,842.00</strong></td>
<td><strong>$23,974.00</strong></td>
</tr>
<tr>
<td>Computer ^</td>
<td>2,170.00</td>
<td>2,170.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$13,012.00</strong></td>
<td><strong>$26,144.00</strong></td>
</tr>
</tbody>
</table>

* The tuition and fee estimate is based on fifteen (15) semester hours for an undergraduate student attending two (2) terms (fall and spring) per year. Contact the Office of Admissions or refer to Web site http://admissions.fsu.edu/costs/ for approved 2006–2007 fees.

^ Annual mid-range cost for on-campus residence halls. The range is $3,400–$4,940. Contact the Office of University Housing or refer to Web site http://www.housing.fsu.edu for approved 2006–2007 rental rates.

+ Effective 2006–2007, residents of renovated halls on the east side of campus, including students who are part of a special program in University Housing, will be required to purchase a meal membership plan.

^ Incoming freshman and transfer students are required to have a computer that meets the minimum standards set by the university. Cost of meeting this requirement will be included in financial aid considerations.

Note: International students should refer to the “Admissions” chapter of this General Bulletin for an estimated cost of attendance.

Payment of Fees
Payment of registration fees and tuition detailed below is an integral part of the registration process. Registration (including payment of fees) must be completed on or before the proper due date. The appropriate University office must be provided a properly executed authorization to defer fees prior to the deadline published in the academic calendar in those cases where fees are to be paid by a previously approved loan, scholarship, or other third-party arrangement. Florida Prepaid College Program without local fees does not pay the full amount due, nor do Intern Participation Certificates. Students must pay the remaining balance due by the published deadline.

Method of Payment
Students who enroll must pay fees and tuition in full, or initiate an installment contract by the tuition payment deadline. We encourage students to submit their third-party agency billings as soon as they have registered for classes. All waivers, agency billings, and department billings for all students, including those receiving financial aid, must be submitted by the fifth day of the term. If tuition is not paid or arrangements have not been made by the posted deadlines, a late payment will be assessed. The University does not send out a bill. Students can, however, get the amount of their tuition and fees due online at http://www.fees.fsu.edu or when they register for classes by telephone or through the Web. Other options include accessing the kiosks located on the first floor of University Center A Building, calling the Office of Student Financial Services at (850) 444-9452, or going to A1500 University Center, 8:30 a.m.–4:30 p.m., Monday–Friday.

Students may pay by check, cash, money order, cashiers check or FSUCard when paying in person. The Florida State University does not accept two party checks or foreign checks for payment. Make checks payable to The Florida State University and include the last four digits of the student’s social security number or the last eight digits of the FSUCard number, local phone and address on each check. We accept FSUCards, American Express, Discover, MasterCard and electronic checks via internet only. Visa has elected not to participate in our web payment service. Payment methods are described below. Credit card payments can only be made through the Internet at http://www.fees.fsu.edu or at
kiosks located around campus. There is a convenience fee for the online payment option.

**Automated Debit to FSUCard for Tuition Payment.** The Florida State University offers a free online payment service to students with FSUCard accounts at SunTrust for the payment of tuition and fees and other University charges. Students may authorize charges to be deducted from their FSUCard account by going to the billing and tuition section of their MyFSU@FSU. In these circumstances, the University will charge $0.50 to process an individual debit transaction from the student’s FSUCard account and $2.00 to process a third-party debit transaction from the student’s FSUCard account. The student will be responsible for the fees charged by SunTrust for processing these transactions.

**Installment Contracts.** Students incurring tuition fees greater than $150.00 are eligible to execute an installment fee payment agreement for the Fall and Spring semesters (not available for Summer semesters). The initial payment, which must be one half of the total tuition, plus a $10.00 fee (subject to change), is due by the tuition payment deadline. The second half of the installment payment is due by the sixth week of class, as specified on the agreement. This option is not available on the Internet. Failure to pay the balance of tuition by the due date will result in a late payment fee and a financial hold on your account. Students should appear in person to initiate the installment agreement. A $10.00 fee (rate subject to change) will be assessed at the time of first payment for this option. Once an installment contract is executed, any course added at a later date must be paid in full within five (5) days. It will not be covered under the previously executed contract. Failure to pay tuition in full for such a course will result in the assessment of a late payment fee. Installment contracts may be initiated through the mail or drop box, with a letter attached requesting the installment contract and the $10.00 fee included with the first installment.

**Convenient Drop Box for Payments.** The Office of Student Financial Services has kiosks for student use at the first floor of the University Center Building A, near our offices at A1500. Students may verify the amount due for tuition and fees (at the kiosks or through the Internet at [http://www.fees.fsu.edu](http://www.fees.fsu.edu)) and insert a check, money order or cashier's check in the provided envelope and put the envelope in the drop box. Payments are processed the next business day. Payments received in the drop box by close of business on the tuition payment deadline will not be considered late. Please do not deposit cash. We will not process foreign checks or two-party checks. Make checks payable to Florida State University and write the last four digits of your social security number or last eight digits of your FSUCard, your current address, and phone number on the check. Checks not completed properly will be considered late.

**Mail-In Fee Payments.** When paying fees by mail, send a personal check, money order, or cashier's check for the full amount of fees due. Please do not send cash. We will not process foreign checks, checks not completed properly, or two-party checks. Payments must be received no later than the tuition payment deadline. Make checks payable to Florida State University and write your student identification number, current address, and phone number on the check. Checks not completed properly will be considered late. Payments should be mailed to The Florida State University, Office of Student Financial Services, A1500 University Center, Tallahassee, FL 32306-2394.

**Agency Billing.** Student services are responsible for all tuition and fees upon registration. Forms are available at [http://www.sfs.fsu.edu](http://www.sfs.fsu.edu). Students who are requesting their tuition paid by an agency must submit the required documents as soon as possible, but no later than the fifth day of the semester, and preferably thirty (30) days in advance. Those students receiving financial aid should submit the documents by the fourth day of the semester; otherwise, tuition will be deducted from the student's financial aid and refunds will not be made to the student until the agency or department makes their payment to the Office of Student Financial Services. Financial aid students must report this payment as an income source on their tax return, or upon further evaluation by the Office of Student Financial Aid, the student may be “over-awarded” and may be required to repay financial aid to the University.

**Department Billing.** Department billings must be submitted to the Office of Student Financial Services by the appropriate college or school as early as possible and preferably by the fourth day of each semester, but definitely no later than the fifth class day of the semester. Financial aid students must report this payment as an income source on their application, or, upon further evaluation by the Office of Student Financial Aid, the student may be “over-awarded” and may be required to repay financial aid to the University. For information regarding department billings, undergraduate students should contact the Dean of the Faculties at 644-3375; graduate students should contact the Dean of Graduate Studies at 644-3500.

**State Employee Registration.** State employees may use the state employee tuition waiver to register for Florida State University classes. Registration in classes using the state employee tuition waiver is limited to a space-available basis. Individuals using the state tuition waiver must be fully admitted degree-seeking or non-degree seeking students. The Florida State University does not consider the following as space-available courses: limited access programs; remedial courses; dissertation, thesis, and directed individual study (DIS) courses; internship courses; distance learning courses; Center for Professional Development (CPD) courses; College of Medicine courses; College of Law courses; all graduate program courses in the College of Business; and other one-to-one instruction courses. Accordingly, state employee tuition waivers may not be used for these courses.

The Florida State University accepts only the official FSU State Employee Tuition Waiver Form. Agencies may require additional paperwork or forms that will not be accepted unless accompanied by the FSU State Employee Tuition Waiver Form.

State employees using a tuition waiver must complete the registration process and submit the tuition waiver to the Office of the University Registrar on the fifth day of classes only. State employee tuition waivers may not be used for any course that is registered for prior to this space-available registration window. Thus, for any class obtained prior to the fifth day of classes, the student assumes personal financial liability for tuition.

Additional restrictions and deadlines apply. See the Office of the University Registrar’s Web site at [http://Registrar.fsu.edu/services/emp_tuit waive](http://Registrar.fsu.edu/services/emp_tuit waive) for additional information including the link to download the State Employee Tuition Waiver Form.

**Florida Prepaid College Program.**

This program was created by the State of Florida to guarantee payment of tuition and may include optional dormitory contract guarantees and an optional local fee plan. The primary plan excludes local fees (i.e., health, athletics, student activity, laboratory, transportation access, and books) that are to be paid by the student using one of the options described above and by the deadlines stated above. The student is to verify that the billing is being processed by going to [http://www.fees.fsu.edu](http://www.fees.fsu.edu). The fees (SBOE approved 05/06 fees), excluding books, not covered by the Prepaid College Program total approximately $21.03 per hour, plus lab fees ranging from $3.25 to $35.00, plus the Transportation Access Fee. Students using the Florida Prepaid College Program are responsible for paying local fees by the tuition payment deadline of the main campus semester or they will be assessed a $100 late payment fee. (State subject to change.) Fees applicable to the 2006–2007 academic year had not been confirmed by the Florida Legislature at the time this document was published. Additional information may be obtained by writing: Florida Prepaid College Program, P.O. Box 6448, Tallahassee, FL 32314-6448 or by calling 1-800-552-4723 or [http://www.fsba.state.fl.us/prepaid](http://www.fsba.state.fl.us/prepaid).
Fee Liability

Liability is incurred for all credit hours remaining on a student’s schedule at the close of the official drop/add period each semester. Out-of-state tuition and matriculation fee waivers will not cover dropped or withdrawn classes.

Repeat Course Surcharge

Section 1009.29, Florida Statutes, mandates that each student attempting the same non-repeatable undergraduate course more than twice beginning with the Fall Semester 1997 shall be assessed an additional per credit hour surcharge beginning with the third attempt. Attempted hours include those hours dropped, withdrawn, and repeated under FSU forgiveness that are fee liable. Undergraduate level courses are numbered 1000 to 4999.

Effective Fall 2005 Semester, the repeat course surcharge was $170.22 per credit hour.

(Rate subject to change for academic year 2006–2007).

The only exceptions:

- Any course taken prior to Fall 1997;
- Attempts taken at an institution other than FSU;
- Graduate level courses (courses numbered 5000 and above);
- Any non fee-labile course dropped or withdrawn;
- Excludes courses taken through cooperative education, military, waivers, and audits; and,
- Individualized study, courses that are repeated as a requirement of a major, and courses that are intended as continuing over multiple semesters. However, courses repeated more than two times to increase GPA or meet minimum course grade requirements are eligible for the surcharge.

Repeat Course Surcharge Appeal

Section 1009.285, Florida Statutes, provides authority to universities to consider appeal of the repeat course surcharge based on documented evidence of financial hardship. Appeal forms are available in the Office of the University Registrar, A3900 University Center, Tallahassee, Florida 32306-2480, (850) 644-3403. Appeals must be submitted to the Office of the University Registrar no later than the last day of classes for the term in which the surcharge is assessed.

Delinquent Fees

Students who have amounts owed to the University may not complete their registration, participate in graduation ceremonies, receive a diploma, receive an associate in arts certificate, or receive a transcript until all amounts owed to the University have been satisfactorily settled. This includes library charges, health center charges, parking fines, and University debt. All payments will be applied to the current tuition first and then to the oldest outstanding debt. Non-refundable collection fees are added to a student’s account if the student has had an outstanding debt for 120 days or longer.

Registration Stop for Outstanding Charges

A “stop” is placed on the registration of all students who have outstanding charges due to the University. Students owing any amount, including current semester tuition, are not permitted to register for classes. The “stop” will not be removed, and such students will not be permitted to register or receive other University services until the debt is cleared.

Cancellation of Student Schedules for Non-Payment of Tuition and Fees

In accordance with Board of Governors Rule 6C-7.002 (6), F.A.C., students who do not pay tuition and fees or make arrangements for tuition and fee payment by the published deadline each semester will have their schedules canceled. Students will be notified using their FSU e-mail account concerning outstanding tuition delinquencies and given an opportunity to pay tuition and fees or make arrangements for tuition and fee payment with the Office of Student Financial Services prior to cancellation. Students whose schedules are canceled for non-payment of tuition and fees will have their academic progress discontinued for the term in question and will not be able to attend class or receive grades.

Reinstatement of Student Schedules Canceled for Non-Payment of Tuition and Fees

Students whose schedules are canceled for non-payment of tuition and fees may appeal to the University Registrar for reinstatement and continuation of academic progress for the term. A written appeal must be submitted to the University Registrar by the end of the 12th week of the Fall and Spring semesters (consult the Registration Guide for Summer term deadlines). Prior to a student’s appeal being approved, the Office of Student Financial Services must verify that payment for the current term has been received or that appropriate arrangements have been made for tuition and fee payment. Students whose schedules are reinstated are subject to a $100.00 late registration fee and a $100.00 late payment fee. Check or credit card payments that are returned or refused will negate any tuition payment agreement for the reinstatement of a student’s schedule. The University reserves the right to deny reinstatement when a demonstrated pattern of tuition delinquencies over two or more semesters has occurred.

Tuition Waivers

Out-of-State

In the interest of the general welfare of the State of Florida, and in order for Florida to contribute to the fulfillment of national and international obligations, the State Board of Education authorizes the University to waive portions of out-of-state tuition for a limited number of students in specific categories. Students in the following categories may apply:

- Out-of-state graduate students having at least one a-quarter time assistantship (teaching or research) or a fellowship equivalent in value to at least a one-quarter time assistantship;
- Foreign student programs, or student exchange programs;
- Students having special skills in music, dance, theatre, or athletics; and,
- Graduate students with outstanding academic credentials and abilities. Special and part-time students at the undergraduate and graduate level are not eligible for out-of-state tuition waivers. Tuition waivers must be submitted by the appropriate college or school preferably by the fourth day of each semester but definitely no later than the fifth class day of the semester. Tuition waivers do not cover the total amount of fees due and may have an effect on financial aid awards. For information regarding out-of-state waivers, undergraduate students should contact the Dean of the Faculties, graduate students should contact the Dean of Graduate Studies.

Florida Residents Over 60 Years of Age

When registering to audit courses not for credit, all fees are waived for citizens 60 years of age and older who are Florida residents. All requirements pertaining to auditing courses must be met, and, in addition, proof of age and residency must be presented. For further information, refer to the “Office of the University Registrar” chapter of this General Bulletin.

Policy Concerning Late Fees

A student may request a waiver of the late registration fee at the Office of the University Registrar. Documentation supporting University error or extraordinary circumstances will be required.

A student may request a waiver of the late payment fee at the Office of Student Financial Services if payment was not made by the established deadline because of a University error, administrative error, or extraordinary circumstances beyond the control of the student. Supporting documentation is required.

Note: Lack of funds or not applying for financial aid on time is not a valid reason for waiving the late fee. Request to waive late fees must be made by completing a waiver request form. If the request is denied, the student may appeal to the Late Payment Fee Appeals Committee by contacting the Office of Student Financial Services at (850) 644-9452. The committee meets once a month, or as needed.

The Late Payment Fee Appeals Committee, which consists of representatives from the Office of the University Registrar, Office of Financial Aid, and the Office of Student Financial Services, provides an opportunity for students to appeal a denial of their request for a late payment waiver. The appeals committee’s decision is the final step in the University’s...
late payment appeal process. Forms are available through the Internet at http://www.sfs.fsu.edu.

Deferments and Financial Arrangements

Financial aid is disbursed during the second week of the semester. Students must pay, or make arrangements to pay, all fees due by the end of the tuition payment deadline.

Financial aid deferments are authorized by the Office of Financial Aid. Departmental billings are authorized by the school or college issuing the billing. Agency billings are authorized by the approved agency to pay fees on behalf of the student. The billings are to be completed by the student at A1500 University Center no later than the fifth day of the term. Outstanding tuition from a previous semester will be deducted from financial aid received during a current semester. A refund will not be processed until payment is made by the agency or department. Agency billing forms are available through the Internet at http://www.sfs.fsu.edu.

Veterans’ Deferments. A student in training under the auspices of the Veterans’ Administration receives an education and training allowance each month from the federal government. Since the first subsistence checks are sometimes delayed, it is advisable for the veteran to be prepared to meet all expenses for about two months.

Tuition and health fees for students receiving assistance from the Veterans’ Administration in accordance with provisions of Section 1009.27(2), Florida Statutes, may be deferred each time there is a delay in the receipt of benefits. This deferment is not automatic and must be explicitly requested by eligible students, through the Office of Veterans’ Affairs, Office of the University Registrar, by the fifth day of the semester. Students with financial aid pending will have their tuition paid by their financial aid and will have their veteran’s deferments nullified.

Note: If a student receives a veterans’ deferment and tuition is still not paid by the deferment expiration date, the student will be assessed a $100.00 late payment fee and will not be eligible to receive a veterans’ deferment in the future. Registration, transcripts and diplomas will not be processed until debts are paid in full.

Application Fee

Individuals who make application to The Florida State University shall pay a nonrefundable application fee of $30.00. This fee may be waived for freshman applicants who can document that they have received a fee waiver because of economic need as determined by the College Board or the American College Testing Program.

Refund of Fees

Regulations Concerning Refund of Fees Paid

A student incurs a liability for all credit hours that remain on the student’s schedule of courses as of the end of the official drop/add period. The amount of this liability is identified on the Student Assessment Payment Schedule. Any amount paid in excess of the amount owed (assessed fee and outstanding University charges) during the term will be carried forward and will be applied against subsequent University charges incurred or may be refunded by request.

Full refunds of tuition fees may be granted in instances of withdrawal from the University under the following conditions:
1. Involuntary call to active military duty;
2. Death of the student or death in the immediate family (parent, spouse, child, sibling);
3. Illness of the student of such duration or severity, as confirmed in writing by a physician, that completion of the term is precluded;
4. Cancellation of the course by the University;
5. Exceptional circumstances that could not have been foreseen and were beyond the control of the student, as approved by the University refund committee.

Students who drop a course without fee liability after their tuition and fees are paid may be eligible for a tuition refund. Any amount paid in excess of the amount owed to the University during the semester/term will be carried forward and may be applied against subsequent University charges incurred or will be refunded upon request; however, any outstanding charges owed to the University will be deducted and the balance will be issued as a refund. At the beginning of a semester, refunds will not be processed until the end of the third week of class to ensure that all checks have cleared the bank. Refunds requested during the fiscal year close-out, during the last two weeks of June, will not be processed until the first week of July. The refund will be processed as a credit to the student’s FSUCard account for currently enrolled students, unless the student requests a check to be mailed to the address on file. However, payments made by credit card will be refunded to the credit card. Checks will be mailed to those students who are no longer enrolled. Refund request forms are available at the Office of Student Financial Services, A1500 University Center or online at http://www.sfs.fsu.edu/control/forms/printonly/mp371.pdf.

Students who withdraw after the fifth day of the semester/term, but prior to the end of the fourth week of the semester (or for Summer sessions by the first twenty-five percent [25%] of the term) are eligible for a twenty-five percent (25%) refund of tuition and fees. After this period, students who withdraw are held fully liable for fees. Students who withdraw and have received federal financial aid (Title IV programs), state or university aid and may be required to repay to the aid source the amount of unearned financial aid funds disbursed to them as of their withdrawal date as described in the section on ‘Withdrawals and Return of Financial Aid.’ In the case where a withdrawal petition is approved, a refund only can be provided if the refund withdrawal request is submitted within six (6) months after the end of the semester/term in which the withdrawal occurred.

An application for a request for refund of fees should be submitted as follows:
- **Food Plan.** Director of Food Services, 144 Oglesby Union.
- **Housing Fees.** Director of Housing, 109 Student Life Building.
- **Parking Decals.** Director of Parking, C2300 University Center.
- **Textbooks.** Manager of Florida State University Bookstore, Parking Garage, Main Level.

### Withdrawal and Return of Financial Aid

Effective Fall 2000, students who withdraw and have received financial aid will be required to repay to the program source the amount of **unearned** financial aid funds disbursed to them as of their withdrawal date. Programs include Pell Grants, Perkins Loans, Supplemental Educational Opportunity Grants (FSEOG), Stafford Loans (subsidized and unsubsidized), and Parent Loans (the Federal PLUS program), and other awards. The **unearned** amount of program funds is calculated based on the percentage of the semester completed before the date of withdrawal. Both the University and students receiving financial aid are required to return the **unearned** portion of the financial aid funds received from withdrawing students that was used to pay institutional charges such as tuition, fees, housing and other educationally-related expenses assessed by the institution. The funds returned to the aid source by the University will be credited against the student’s total liability of **unearned** funds. However, students will owe the University the amount returned to the aid source for institutional charges. In addition, any student who receives Title IV funds and stops attending classes during the semester and does not officially withdraw from the University is considered an unofficial withdrawal according to Title IV federal regulations. The University is required to return unearned financial aid to the federal government for all unofficial withdrawals in the same manner as students who officially withdraw.

Students must repay the unearned Title IV funds to any Title IV loan program in accordance with the terms of the loan. For Title IV loan programs, unearned grant program funds are considered overpayments and students are required to return 50 percent of the grant. Students who owe grant overpayments remain eligible for Title IV program funds for forty-five (45) days if during those forty-five (45) days the student: 1) repays the overpayment in full to the University; or, 2) enters into a repayment agreement with the University. However, entering into a repayment agreement does not mean the student is eligible to register for additional classes, receive a transcript, diploma, etc. Students can lose financial aid eligibility if they do not comply with the options above. **Students should consider their repayment responsibilities for these programs as part of any withdrawal decision. Students should contact the Florida Bright Futures office for the most current restrictions on eligibility.**

### Student Cancellation of Schedule

A student may cancel registration during the first five days of a semester or summer session by submitting a written request to the Office of the University Registrar, A3900 University Center or to Withdrawal Services, A4300 University Center. Students who cancel their registration within this time frame are not liable for tuition; if tuition has been paid, such students should request a full refund of fees. Beyond the fifth day of the semester a student cannot voluntarily cancel registration but must apply for withdrawal from the University. Students who cancel their registration and are not enrolled for the following term (not enrolled for two consecutive terms) must apply for readmission.

### Financial Aid

**Director, Office of Financial Aid:** Darryl Marshall

**General Information**

The Florida State University recognizes the high cost of education today and makes every effort to offer financial assistance through a variety of programs to qualified students. In addition to providing funds on the basis of demonstrated financial need in the form of grants, work awards, and loans, the University offers scholarships to recognize and reward talent, academic achievement, and meritorious performance.

The Office of Financial Aid is committed to serving and guiding students through the process of applying for financial aid. Help in completing the financial aid forms is available from professional financial aid counselors located in the University Center, Building A, Room 4400. To obtain information on financial aid and the status of their application, students may access our Web site at http://www.studentsfirst.fsu.edu/. Access is also available by calling the Express Telephone System (ET) from 8:00 a.m. through 6:00 p.m. (22 hours per day) at (850) 644-0359. The hours of operation for the Office of Financial Aid are 8:30 a.m. to 5:00 p.m. Monday through Friday. Counseling is available by phone or at the information center Monday through Friday, 8:30 a.m. to 5:00 p.m.

Once an application for admission has been submitted, students may monitor their financial aid status by visiting http://www.studentsfirst.fsu.edu/. This site will also provide information on any outstanding documents required to complete the financial aid file. Upon admission and completion of the financial aid file, a student’s financial aid award may also be found on this site.

### Panama City Campus

Students who intend to enroll at the Panama City campus and are in need of financial support should contact: Coordinator for Financial Aid/Veteran Affairs, Office of Student Affairs, 4750 West Collegiate Drive, Panama City, FL 32405, (850) 644-2090.

### Undergraduate Students

Undergraduate students may apply for many types of aid including scholarships, grants, work study and loans. To apply for federal and state grants, federal work-study and/or federal loans, students must complete the Free Application for Federal Student Aid (FAFSA) at http://www.fafsa.ed.gov. Students who have previously completed a baccalaureate degree may not be eligible for all types of aid when seeking a second undergraduate degree.

### Graduate Students

Graduate students may apply for federal loans and federal work-study by completing the Free Application for Federal Student Aid (FAFSA) at http://www.fafsa.ed.gov. Graduate fellowships and assistantships are awarded through the Office of Graduate Studies and Research, and the respective academic departments.
Deadlines

The federal financial aid application period for the 2007-2008 year begins January 1, 2007, and ends June 30, 2008. Some federal and institutional grant funds and federal work-study funds are limited, so students are encouraged to apply as soon as possible after January 1, 2007. Estimated student/parent tax data is needed for completion of the FAFSA document until current year taxes are filed. The University requires a separate application for Summer financial aid, which may be obtained from the Office of Financial Aid or via our Web site at http://www.finaid.fsu.edu.

Financial Aid Application Process

To apply for federal, state, and institutional aid at Florida State University, students must complete the Free Application for Federal Student Aid (FAFSA). Students are encouraged to apply directly over the Internet by accessing the following Web page http://www.fafsa.ed.gov.

Internet applications can be completed from any home computer with secure Internet access, or through Internet capable computers in many libraries and schools. Students in the Tallahassee area may use computers at The Florida State University to submit their application. Continuing students have access to various computer labs on campus. Paper applications are available from any high school or post-secondary school.

Whether a student applies with a paper or an Internet application, the following materials will be necessary to complete the data required:
1. The student’s social security card and driver’s license;
2. W-2 forms or other records of income earned;
3. If the student is required to file as a dependent student, Federal Income Tax Returns for both student and parents are required. Estimated figures are acceptable for applications completed before filing of tax return;
4. Student’s and student’s spouse’s (if married) Federal Income Tax Return (estimated figures are acceptable for application before filing of return);
5. Records of other untaxed income received, such as welfare benefits, social security benefits, TANF, veteran’s benefits, military or clergy allowances;
6. Current bank statements and records of stocks, bonds, and other investments;
7. Business or farm records, if applicable; and
8. Student’s alien registration card, if student is not a U.S. citizen.

Note: Students may apply for financial aid before applying for admission to The Florida State University, but while early application for aid is recommended (as soon as possible beginning January 1), a student can not be awarded aid until he/she is officially accepted for admission to The Florida State University.

Loan Entrance Counseling Sessions

Federal regulations require all students receiving a Federal Stafford/Unsubsidized Stafford Loan or Federal Perkins Loan to participate in a loan entrance counseling session prior to receiving the first distribution of the loan. No Federal Stafford loan or Federal Perkins loan can be disbursed until this requirement is met.

A student accepting a loan award for the first time at The Florida State University can complete the loan entrance requirement by accessing The Florida State University Office of Financial Aid Web page at http://www.finaid.fsu.edu and clicking on the loan entrance counseling link. This will connect the student with an official loan entrance counseling site, where the required information will be covered. The student will be asked to provide certain information, including reference addresses for future use. Students are strongly encouraged to print a copy of the completed confirmation page to retain for their records. Students who prefer an alternative format, or who have questions about loans or the loan entrance counseling information process may contact the Office of Financial Aid.

Fees and Financial Aid Students

The University distributes aid in two ways for all registered financial aid students whose funds are available to the Office of Student Financial Services. Students must complete a Disbursement Authorization Statement (DAS) choosing one of the following two ways to receive financial aid:
1. By Electronic Funds Transfer (EFT) to your FSUCard Account at Sun Trust. The University recommends this method as the most efficient option. Approximately 80% of the student body receiving financial aid at FSU have chosen to process their aid electronically and take advantage of the latest technology in banking services; or
2. By a check mailed to your local address. It is the student’s responsibility to keep his or her address record current with The Florida State University. Checks are not forwarded by the post office.

Exceptions:

a. Students who have a hold on their funds must clear it by the posted deadline. Loans must be returned to the lender within twenty (20) days of receipt. The University will make every effort to contact students by phone and e-mail. Students whose aid has not been processed by the end of the second week of the term should contact the Office of Student Financial Services at sfs@admin.fsu.edu or in person at A1500 University Center. In order to receive aid, a student must be enrolled for the required number of hours; and
b. Students whose financial aid has not arrived by the beginning of the semester should receive a tuition deferment if application was made by August 1 of each year. After the initial distribution dates at the beginning of the semester, additional funds that become available will be disbursed daily and mailed or sent to the FSUCard account in accordance with the selection made on the student’s Disbursement Authorization Statement (DAS).

Important Notices

Loan disbursement delays according to Federal regulations:

• For those first-time borrowers at FSU, financial aid loans will be available thirty (30) days after the beginning of the semester.
• If a student takes out a loan for one semester (Fall or Spring only) only one-half of the loan may be disbursed during the regular disbursement date; the second half cannot be disbursed until after the mid-point of the semester. This regulation also affects all students borrowing funds for Summer sessions A, B, F.

The minimum number of hours required to be eligible for financial aid is six (6) semester hours.

All financial aid students must check their financial aid status at http://www.fees.fsu.edu on the scheduled date. If their online billing statement says they have a deferment or their tuition has been paid, they do not need to come to the Office of Student Financial Services. Students required to clear a financial aid hold should report to the Office of Student Financial Services, A1500 University Center, on the published dates.

Failure to confirm that financial aid has been processed by the deadline may result in a late payment fee assessment of $100.00. (Rate subject to change.) There is a message for those students who have chosen to have their financial aid processed using EFT and their FSUCard account. This message will provide a detailed description of each debit and credit involved in the transaction. Call 1-800-SUNTRUST for bank account details.

If you have any questions, please call (850) 644-9452 at the Office of Student Financial Services, via e-mail at sfs@admin.fsu.edu or go to http://www.sfs.fsu.edu for more information.

Deadline: If the financial aid is not sufficient to cover all charges, the student is responsible for paying the balance by the tuition payment deadline (see date on the “Academic Calendar” in this General Bulletin). After this date, a $100.00 late payment fee is assessed and grades will be held at the end of the semester until fees are paid in full.

Note: Financial aid students who are having their tuition paid by an agency or department billing should submit the required documents no later than the fifth day of the semester, but preferably immediately after registration. Intern Participation Certificates and the Florida Prepaid College Program do not pay the full amount of tuition. Students must pay the remaining balance due by the tuition payment deadline. Outstanding tuition and charges from a previous semester will be deducted from financial aid received during a current semester, if registration is permitted.

Deferred, Loans, and Check Cancellation

Deferments

Students must confirm their application is complete by the first week of the semester by going to http://www.studentsfirst.fsu.edu and clicking on the appropriate category under “check financial aid status” subheading in the “Money Matters” section.
Financial aid deferments will be processed automatically for all financial aid students who meet the following criteria:
1. The student has completed the financial aid application process by the published deadline (indicated in the Financial Aid Application Packet) and
2. The student does not have financial aid available during financial aid distribution (the second week of the term).

Financial aid students who do not receive a financial aid deferment must pay their tuition in full by tuition payment deadline. See the dates published in the “Academic Calendar,” included in this General Bulletin. Failure to pay by the published deadline will result in a late payment fee assessment. 

**Note:** Financial aid deferments expire before the end of the semester. See the Registration Guide for the expiration date. Students must confirm their financial aid has arrived and all requirements have been met by the deferment expiration date. Go to [http://www.fees.fsu.edu](http://www.fees.fsu.edu) and log in; you will then see your courses and fees detailed. To view your deferment amount and deadline, click on the “Details” button next to “Arrangements.”

With your temporary deferment, your total balance may show “Zero” ($0.00) for the Current Term Tuition. When your financial aid arrives, the screen will show how much has been paid toward your tuition. You must ensure your financial aid pays your tuition by the deferment deadline. If you have questions, contact us at sfsa@admin.fsu.edu or (850) 644-9452. Also, check your financial aid status at [http://www.studentsfirst.fsu.edu](http://www.studentsfirst.fsu.edu). If the student’s aid is not available by the expiration date, it is the student’s responsibility to pay tuition in full. Failure to pay by the expiration date will result in a late payment fee assessment of $100.00. Additionally, registration will not be permitted and transcripts and diplomas will not be mailed until debts are paid in full.

**Delayed Delivery Loans**

Students in need of funds as a result of financial aid being delayed may apply for a delayed delivery loan at the Office of Financial Aid, A1500 University Center. Eligibility for the loan will be determined by the type of aid awarded and the hours enrolled. Accounts in delinquent status (past due) are not eligible for loans. A picture ID is required in order to receive a delayed delivery loan. Students must have either paid or deferred their full amount of tuition by the tuition payment deadline in order to be eligible for short term loans. Delayed delivery loans are due when the financial aid arrives, by the financial aid deferment deadline. Debts not paid will prohibit students from using University services such as registration, transcripts, etc.

Delayed delivery loans are not available until the financial aid distribution period. Students should come prepared to buy books and make deposits for housing, as financial aid distribution does not take place until the second week of the term.

**Emergency Loans**

Students who have emergency situations such as death in the family or unexpected major medical or dental bills may apply for an emergency loan at the Office of Financial Aid. Documentation and a picture ID is required to receive an emergency loan. Accounts in delinquent status are not eligible for loans. Loans must be paid by the due date and university services will not be granted until paid in full.

**Check Cancellation**

Any Stafford Loan check available at financial aid distribution that is not picked up by the check cancellation deadline will be returned to the lender for cancellation.

**Loan Cancellation and Refusals**

Students should notify the Office of Financial Aid to decline or refuse an awarded loan (Perkins, GSL, UGSL) prior to it being disbursed to the student. Financial aid is processed at the end of the first week of each semester and as it arrives thereafter. If the loan has already been disbursed, the student is required to notify Student Financial Services in writing within fourteen (14) days that they do not want part or all of the loan they have received. A form can be completed at the Office of Student Financial Services and repayment can be made to The Florida State University by FSUCard, cash, cashier’s check or money order, or the original check can be brought to our office. Students who want to refuse loans after the fourteen (14) day notification period must contact their lender for repayment.

**Exit Interviews**

**Loan Exit Interviews**

Federal and University regulations require that all recipients of federal loans participate in an exit interview counseling session upon graduation, withdrawal from the university, or dropping below six (6) semester hours. These loans include Perkins (NDSL), subsidized Stafford (GSL), and Unsubsidized Stafford (UGSL) loans. Failure to complete this procedure will result in the withholding of diploma, transcripts, and other University services. To complete this requirement, students should go to the “Money Matters” section of [http://www.studentsfirst.fsu.edu](http://www.studentsfirst.fsu.edu) and select the “exit interview for financial aid” option. Students will need their Social Security Number and registration PIN or web name and password to sign onto the session. Students planning to continue their academic studies at The Florida State University should contact the Office of Student Financial Services at A1500 University Center to ensure that their exit interview stop is removed.

**Scholarships**

The Florida State University recognizes and rewards high academic achievement and awards scholarships on a competitive basis. All eligible students will automatically be considered, at the time of their admission, for these scholarships, which are administered by the Office of Admissions.

In addition, the individual departments described in the “Academic Departments and Programs” section of this General Bulletin list scholarships and assistantships available for students of specific majors.

The Florida Department of Education, located in Tallahassee, FL, offers a number of programs for scholarships, grants, and loans to help defray a student’s cost of education. These programs are available only to Florida residents. Contact the Florida Department of Education at (888) 827-2004; [http://www.firm.edu/doc](http://www.firm.edu/doc). Residents of other states should check with their state’s Department of Education for additional aid that may be available to them.

For additional information on scholarships, visit the Office of Financial Aid, Student Aid Resource (STAR) Center on line at [http://www.finaid.fsu.edu](http://www.finaid.fsu.edu) to find a list of scholarships available through the State of Florida, The Florida State University and FSU Foundation (private donor scholarships). There are also links to other legitimate scholarship search Web sites.

Students receiving scholarship checks directly from a benefactor must bring them to the Office of Student Financial Services for processing at A1500 University Center.

**The Federal Work Study Program (FWSP)**

The FWSP is a federally funded financial aid program, administered by the Office of Financial Aid, that enables students to earn a portion of their financial aid award. This program offers a positive alternative to loan indebtedness through meaningful part-time employment. Weekly work schedules are mutually determined by the student and the employing department to suit the student’s class/exam schedule, and the employer’s needs. By federal regulation, the work schedule cannot interfere with a student’s class schedule. Federal Work Study is a need-based program, and is awarded on a first-come, first-served basis.

Students may also utilize their Federal Work Study awards by participating in community service through the Community Service Learning Program (CSLP). This program is designed to locate and develop off-campus community service jobs and offer referrals for eligible students. Community service improves the quality of life of local residents, as well as encourages student awareness and continued participation in society at large. Students may assist with programs related to health care, child care, literacy training, education (including tutoring), welfare and social services. Some students may serve as mentors for educational and recreational activities, or work as counselors in areas such as career counseling.

To determine eligibility for the Federal Work Study Program and CSLP, students must apply for financial aid at The Florida State University by completing the Free Application for Federal Student Aid (FAFSA), and by submitting all other required documentation.
HOUSING

Director of University Housing: Rita Moser 109 Student Life Building

Residence Halls

The Office of University Housing is responsible for all on-campus housing facilities and programs for residents. The office provides living accommodations for full-time, degree-seeking, fee-paying students. All assignments are made without regard to race, religion, or national origin. Some rooms and apartments are adapted for residents who have physical disabilities.

University facilities on the main campus include 15 residence halls accommodating approximately 4,800 single undergraduates; one apartment facility with 40 single-occupancy efficiencies and 40 townhouses housing four students each; one apartment facility with 94 one-bedroom, double-occupancy apartments reserved for single graduate students; and one facility with three-and-four bedroom apartments housing 555 students.

The chart below lists each residence hall; its visitation policy; whether the facility’s residents are male, female, or coed; and the special programs available in each residential area.

For the security of the residents, entrances to residence halls are locked at all times. Residents must use either keys or FSUCards to enter, and visitors must use the telephones at the main entrances to request admittance.

Each room is furnished with a bed for each resident, study desks, chairs, dresser space, a small refrigerator, a telephone line providing local service, and a direct computer connection line for each resident. Residents must provide their own linens. Bicycle pads for parking are situated outside each hall, but residents must provide their own lock and chain.

Alumni Village

Single graduate students, older undergraduate students, and students with dependents are eligible for housing in Alumni Village, an apartment complex one and a half miles from campus. Alumni Village offers 791 one-, two-, and three-bedroom furnished apartments. Residents have access to a preschool, laundry facilities, a recreation building, and playgrounds on the premises. The Alumni Village Office provides assistance and coordinates programs for residents.

Costs

Residence Halls for Single Undergraduate Students

Semester rate includes mail service, local telephone service, direct computer connections and refrigerator rental:

Standard double Air-conditioned room: $1800.00*

Note: A limited number of single and double rooms with private baths are available at an additional cost per semester. Payment schedules are outlined in the housing agreement.

Apartment Housing for Single Students

- Rogers Hall (apartments) monthly, per student (Including utilities and local telephone): $370.00*
- McCollum Hall (apartments), per semester, per student (Including utilities and local telephone): $1900.00–2450.00.*

Alumni Village

One-bedroom furnished apartment: $345.00–$372.00*

Two-bedroom furnished apartment: $370.00–$514.00*

Three-bedroom furnished apartment: $535.00–$589.00*

Note: Monthly rate does not include utilities except garbage collection.

* All housing rental fees are established by The Florida State University and are subject to approval by the State Board of Education. University Housing is a self-supporting auxiliary and rental rates must reflect operating costs. Fees quoted are 2005–2006 figures and are subject to change.

Visitation Options

Non-Visitation. Students in this section will be assigned to an area of a residence hall in which no visitation by members of the opposite sex is permitted in student rooms or in living units at any time.

Limited Visitation. Visitation within student rooms by members of the opposite sex is permitted during the following hours: Sunday through Thursday, 11 a.m. to 2 a.m.; and Friday and Saturday, 11 a.m. to 12 midnight.

Self-Regulated. Visitation within student rooms by members of the opposite sex is determined by mutual agreement among roommates or suitemates at the beginning of the year and whenever occupancy changes.

Applications

Upon notice of admission, students receive information about housing options. The Office of University Housing sends more detailed information about University housing options and applications to all admitted students at the appropriate time before each semester. It is not necessary to request application materials. An on-line application is available at http://www.housing.fsu.edu.

As space is limited, interested students are urged to submit their applications and advance payment as quickly as possible. Assignments are made on a priority basis: 1) returning students; and 2) all new residents—by the date application and payment are received in the Office of University Housing. Although applicants are given the opportunity to express preference, no guarantee can be given that specific room or hall preferences can be met.

Special Living Units

Although no student is required to reside in University housing facilities, entering freshmen are encouraged to do so to avail themselves of the opportunities provided by the University Housing staff. University Housing has developed a housing program that is committed to providing a comfortable environment that promotes and supports the educational mission of the University. Great effort is taken to provide students with a variety of alternatives and choices in residence hall living.

In addition to its variety of facilities, University Housing is committed to providing students with a wide range of activities and programs that are designed for their needs. Full-time student affairs professionals, graduate assistants, and student staff reside within the halls both to assist residents with academic and interpersonal problems and to organize social, recreational, and educational events. Residents are encouraged to be active in their communities through their hall governments.

Several special living units help to develop a sense of community among their residents. Here students join together to share personal and academic interests. Liberal studies honors students may reside in Landis or Gilchrist Hall, where staff and residents share a commitment to the honors program.

Jennie Murphree’s Women in Math, Science and Engineering floor provides mentoring and support to women majoring in these academic areas.

The Bryan Hall Learning Community is designed to help students succeed during the critical first year of college. Students in Bryan experience the benefits of living in a close-knit, supportive community, get to know faculty on a personal basis, receive academic support as needed, and become involved in campus activities.

Cawthon Hall is home to three learning communities: the Education Learning Community (ELC), Public Affairs Learning Community, and the Music Living–Learning Center. The ELC is available to first-year students who may be majoring in education. The goal of this learning community is to provide a supportive environment where students will have the opportunity to meet other freshmen who are interested in education. Together, students will explore the field of education through their participation in Service Learning experiences. The Public Affairs Learning Community is designed to give students with an interest in public affairs and international service the opportunity to explore the rich resources of the University. The Music Living–Learning Center in Cawthon provides
first- and second-year music students the opportunity to live and study in a residential college environment. This program creates opportunities for students to evaluate the place and purpose of music in their lives, as a career, as a creative outlet, as a life-long avocation, and as a means of serving others and benefiting their community.

Reynolds Hall is home to the Wellness Lifestyle Program and the Human Sciences Living-Learning Center. The Human Sciences Living-Learning Center is focused on the transition to college with an emphasis on wellness for the individual, family, and community. Students will have the opportunity to take part in designated courses with a small class atmosphere, fun social activities, and the chance to interact with leading experts in the field of wellness. Students who take part in this program must abide by the Reynolds Hall Wellness Agreement.

For additional information about special programs, please visit the housing Web site at http://www.housing.fsu.edu.

Agreements

The Annual Housing Agreement for residence hall students extends from the date the application is submitted through the end of spring semester and becomes effective when the advance payment is paid. All applicants who accept the Annual Housing Agreement and enroll in the University will be required to reside in the residence hall during any period of enrollment through the second term of the academic year (August through April) and may not cancel the agreement except as stated therein.

The Annual Housing Agreement will be mailed to the student upon confirmation of admission to the University. The agreement should be read carefully and retained as a permanent record.

Other Options

Students who are unable or choose not to live in University housing have several housing options. A considerable number of apartments and homes located near campus are available for rent. Greek organization houses accommodate some of their members.

The Southern Scholarship Foundation provides scholarship-housing in a cooperative living environment for a limited number of students who have excellent academic records and financial need. Students share all household duties. Each foundation house is supervised by a head-resident upper-level student who resides with the students. Applications are accepted from all classification levels throughout the year. The Southern Scholarship Foundation, 322 Stadium Drive, Tallahassee, FL 32304; (850) 222-3833; http://www.southernscholarship.org.

The Off-Campus Housing Office, a Student Government funded agency, serves as an information center, assisting students who seek off-campus housing. The office maintains a list of area houses, apartments, private residence halls, scholarship houses, and mobile homes. The information available includes rental cost, deposit, distance from campus, lease terms, and amenities. Roommate requests are posted on a bulletin board outside the office located at 229–230 Activities Building, University Union.

| Residence Halls |
|-----------------|-----------------|-----------------|-----------------|
| **Halls**       | **Residents**   | **Visitation Policy** | **Special Programs/Comments** |
| Broward         | Co-ed           | Self-regulated    | Suite Style     |
| Bryan           | Co-ed           | Self-regulated    | Bryan Hall Learning Community; freshmen only |
| Cawthon         | Co-ed           | Self-regulated    | Education Learning Community; Music Learning Center, Public Affairs Learning Community |
| DeGraff         | N/A             | Closed for Renovations |                |
| Deviney         | Co-ed           | Limited           | Community-style living |
| Dorman          | Co-ed           | Limited           | Community-style living |
| Gilchrist       | Co-ed           | Self-regulated    | Honors Community: Suite Style |
| Jennie Murphree | Women           | Limited; selected suites are non-visitaton | Women in Math, Science, and Engineering Program; semi-private baths |
| Kellum          | Co-ed           | Limited           | Community-style living |
| Landis          | Co-ed           | Self-Regulated    | Suite Style; Honors Community |
| Reynolds        | Co-ed           | Self-regulated    | Semi-private baths; Wellness Lifestyle Program; Human Sciences Living-Learning Center |
| Salley          | Co-ed           | Self-regulated    | Suites: two students/room, four/study, four/bath |
| Smith           | Co-ed           | Limited           | Community-style living |

| Apartments |
|------------|-----------------|-----------------|-----------------|
| **Halls** | **Residents** | **Visitation Policy** | **Special Programs/Comments** |
| McCollum  | Co-ed           | Self-regulated    | Sophomores, juniors and seniors; efficiencies and townhouses |
| Rogers    | Co-ed           | Self-regulated    | Graduates and older undergraduates: limited availability for undergraduate residence hall students |
| New Apartment Facility | Co-ed | Self-regulated    | Older undergraduates and graduates |
ORIENTATION

Office of Orientation

Director: Patrick Heaton; Assistant Director: Meredith Kahl

Attending an orientation, advisement, and registration session coordinated by the Office of Orientation is required of all new undergraduate students. During orientation, students are given essential information: the University’s policies and procedures; community values and standards; and academic requirements and opportunities. Students also receive practical advice on consumer survival: where to buy books; open checking accounts; or meet other students with similar interests.

In addition to meeting faculty and administrators, students are assigned to small groups led by trained staff members—currently enrolled students who inform and guide the newcomers. Students must meet with their academic advisors before registering for classes.

Students may not register for their first term on campus until they have completed an orientation session. Although they may be admitted up to a year before they enter, students may only attend orientation immediately prior to their enrollment. The Office of Orientation provides sessions preceding each academic term.

Orientation sessions include a concurrent session for family members. During these sessions family members learn about the University, its services and academic programs, and meet with administrators and faculty. Family members and students share tours of residence halls and visit booths set up in a fair-like atmosphere.

All admitted undergraduate students receive by mail information and instructions about registering for orientation. Attendance is by reservation only, and participants must pay a nonrefundable fee. For more information, please visit http://www.orientation.fsu.edu.

Persons with Disabilities. Any student in need of specific services and reasonable accommodations should contact the Student Disability Resource Center, 1st Floor, Student Services Building; (850) 644-9566; http://www.disabilitycenter.fsu.edu.

International Center

Director: Cindy Green
Assistant Director for Immigration: Kristen Hagen
Assistant Director for Programs and Development: Mafé Brooks

In addition to the University Orientation mentioned above (see Office of Orientation), newly admitted international students are also required to attend an International Student Orientation. This mandatory orientation for new international students is held just before the start of the Fall, Spring, and Summer semesters (before each summer session) for students coming directly from their countries, transfer students, as well as students readmitted to the University after an absence of two or more semesters. International students receive notification of International Student Orientation dates and times in the pre-arrival brochure that is sent to newly-admitted students along with the appropriate immigration form (I–20 or DS–2019).

During International Student Orientation, copies of immigration documents are made for university files. Students are also provided with important information on maintaining their legal non-immigrant student visa status while obtaining their academic degree at FSU. Recently updated federal regulations make it essential that students know and understand their responsibilities under federal immigration law. International students must report to and stay in close contact with International Center advisors, even regarding academic matters.

Students also receive the International Student Handbook, as well as useful materials about International Center services, and university and community resources. They receive information and advice on various topics including housing, utilities and transportation, insurance, immunization and other health requirements, registration and fee payment, and more.

Note: Incoming students may register for classes only after presenting their immigration documents to the International Center staff, obtaining health insurance and clearing required immunizations at the Thagard Student Health Center, and attending the International Student Orientation.

To obtain more information on F1 and J1 student visa status, on the International Center and its services and programs, please visit: http://www.internationalcenter.fsu.edu.
OFFICE OF THE UNIVERSITY REGISTRAR

University Registrar: Tim Martin; Associate Registrars: Kimberly Barber, Yvette Herr
A3900 University Center
The Office of the University Registrar is the official custodian of permanent academic records of all past and currently enrolled students at The Florida State University. It is responsible for registering students and for maintaining student and departmental records for the term in progress, preparing transcripts, scheduling academic space, maintaining and updating curricula, certifying eligibility to receive credit for credit by Examination, certifying attendance for loan purposes, implementing and monitoring academic regulations, certifying eligibility to graduate, and providing services and information to students, faculty, and administration. Reports and certifications of attendance and grade point average are made to governmental agencies, such as the Veterans' Administration, with the student’s permission.

Students should consult this office with questions concerning registration, locations, and meeting times of courses, errors in registration records, dropping and adding courses, cancellation of registration, and grade problems.

Report immediately all changes in permanent and local addresses, name, social security number, divisions and majors, and residency, to this office.

Persons with Disabilities. Any student in need of specific services and reasonable accommodations should contact the Student Disability Resource Center, 1st Floor, Kellum Hall, (850) 644-9566.

Registration
During each academic term, an official registration is held for all currently enrolled, degree-seeking students who expect to enroll for the following term. Students registering for their first term do so during their orientation.

Registration at The Florida State University is conducted by telephone and by Web site. Using the telephone data entry and voice responses, or an Internet Web site, students can register for all of their courses in a matter of minutes and can gain access to information concerning their tuition and fees from the privacy of their own home. Please note that by registering students accept both fee and grade liability. Students are advised if the requested course is available and informed of other matters related to registration, such as variable credit. However, the registration system will not tell students if they have registered for classes meeting during the same time period. Therefore, it is important to plan very carefully before requesting courses. Students using the automatic redial button will always receive a busy signal. Registering in the evening or during the night will avoid overloaded circuits.

Students should be aware that phone calls to The Florida State University’s interactive telephone network systems for course registration, CLAST registration, Office of Financial Aid, or Office of Admissions services may be periodically monitored to insure that the appropriate quality control is maintained.

Registration Guide and Course Schedules
The Florida State University publishes the Registration Guide, which includes registration worksheets. The Guide also contains a list of all registration deadlines, fee and payment information, and important announcements. A copy of the Guide can be obtained from the Office of the University Registrar’s information desk (A3900 University Center) each term. This information is also published online at the Office of the University Registrar Web site at http://registrar.fsu.edu.

Lists of course offerings, meeting times, locations, and instructors (when known) are available online through the Course Look Up system. This system is available twenty-two hours a day, year round. To view class schedules, select the Course Look Up link from the Web page of the Office of the University Registrar. Course listings for an upcoming semester will be available fourteen (14) days prior to the first registration window for that semester.

Students are advised to organize their material and plan their schedule before using the registration worksheets in the Registration Guide. Students must contact the appropriate departmental office for any clearances or authorization needed. Individual instructors should be contacted for courses requiring permission of instructor. It is important to take care of any academic or administrative hold (stop) before calling to register.

How to Find a Course in This Bulletin
The “Course Prefixes” chapter lists course subjects alphabetically by letter prefix. The column to the right contains the department(s) and/or program(s) offering that course subject. The departments/programs can be listed alphabetically in the “Academic Departments and Programs” section, where each course offered in a given program is listed including title, description, and credit hours.

Registration Responsibility
Undergraduate Studies students and first-time transfer students must see their academic advisers for assistance with their course selection prior to registration. New students may be required to register for preparatory mathematics and/or English courses to complete registration.

Students are responsible for meeting prerequisites and corequisites for each course in which they are enrolled. Students are also responsible for any changes made to their schedule without an adviser’s approval through the drop/add process.

Students will receive credit only for those courses in which they are properly registered. Likewise, students will be held responsible for every course for which they register unless they officially drop the course or cancel registration.

Those students who register during late registration (normally the first two days of classes) will be assessed a $100.00 late registration fee.

Registration Permits
All permits, such as underloads, overloads, directed individual study (DIS), satisfactory/unsatisfactory (S/U) grading, and requests to take a graduate course by undergraduate students, must be completed at the time of academic advisement. Many permits require the signature of the academic dean as well as the adviser. Students are responsible for ensuring that the Office of the University Registrar has copies of these permits on file.

Course/Credit Modification
Undergraduate course credit may be modified downward with the approval of the chair of the department that is offering the course and the appropriate academic dean. No course may be modified upward. Any undergraduate student wishing to modify credit may obtain the necessary forms in the Office of the University Registrar.

Required Preparatory Courses
A student entering as a freshman who has a score of 430 or below on the Verbal Subtest administered as part of the Scholastic Aptitude Test (recentered SAT), 16 or below on the English section of the Enhanced American College Testing Program examination (ACT), or 82 or below on the Florida College Entry-Level Placement Test (CELPT) will be required during the first term of enrollment to take precollege work in composition, ENC 0020, offered on this campus by the Tallahassee Community College. Those students with a recentered SAT score of 430 or below, an Enhanced ACT reading section score of 17 or below, or 82 or below on the Florida College Entry-Level Placement Test will be required to enroll in a precollege course, REA 0002. A student entering as a freshman whose score on the recentered SAT Verbal Subtest is 440-470 or on the Enhanced ACT English is 17–18 will be required to enroll in ENC 1905r. Such students will not be allowed to register for ENC 1101 during the first term of enrollment by reason of their scores on SAT/ACT.

Students entering as freshmen who have a recentered SAT mathematics score of 430 or below, an Enhanced ACT mathematics score of 18 or below (or its equivalent) or 71 or less on the Florida CELPT must take the on-campus Supplemental Mathematics Skills test. On the basis of scores on the SAT/ACT mathematics tests and the Supplemental Mathematics Skills test, students will, as space permits, be 1) placed in MAC 1105, or higher; or 2) be required to take community college preparatory course work in mathematics offered by Tallahassee Community College on
the campus of The Florida State University. Students completing MAT 0024C with a passing grade must in their next term enroll register for MAT 1033. Students taking MAT 1033 must pass this course with a grade of “C-” or better before registering for advanced math classes. All remedial course work must be completed with a passing grade and a satisfactory score on the CPT.

**Stops to Registration**

Registration is prevented if all academic and/or administrative requirements have not been fulfilled prior to the term. A stop may be placed on the student record if one or all of the following deficiencies exist: academic dismissal; incomplete admissions documents; fiscal deficiency; lack of satisfactory Florida College Level Academic Skills Test (CLAST) scores; or failure to process readmission papers after a withdrawal or after a two-term absence (including the summer term) from the University. Also, failure to meet specific requirements of a University college, school, or department, the judicial office, or the office of special students may induce a registration stop.

Students notified of a stop should contact the notifying office immediately and arrange for removal to be allowed to register for classes, receive official transcripts, and/or receive a diploma.

If students with a stop on their record are allowed to register in error, they are considered illegally enrolled in the University. If the stop is not removed after notification of such an error, the student’s registration is subject to cancellation.

**Registration Stop for Outstanding Charges**

A stop is placed on all students who have outstanding charges due to the University. Students owing any fees are not permitted to register for classes. The stop is not removed and such students are not permitted to register until the debt is cleared.

**Registrar Cancellation of Schedule**

Students allowed to register in error are cancelled by the Office of the University Registrar.

Students who are dropped or deleted from their last or only course by an academic department because of nonattendance the first day of class are cancelled by the Office of the University Registrar. This cancellation is without liability for tuition. A student whose registration is cancelled by the University Registrar must apply for readmission.

**Student Cancellation of Schedule**

A student may cancel registration during the first five days of classes for a semester or summer session by submitting a written request to the Office of the University Registrar A3900 University Center or to Withdrawal Services, A4300 University Center. Beyond the fifth day of classes, a student cannot voluntarily cancel registration but must apply for withdrawal from the University. Students who cancel their registration within this time frame are not liable for tuition; if tuition has been paid, such students should request a full refund of fees. Students who cancel their registration and are not enrolled for the following term (non-enrollment for two consecutive terms) must apply for readmission.

International students who wish to cancel their registration must request and receive prior authorization from an International Center advisor. In addition, international students should submit the SEVIS Update Form, available at [http://www.internationalcenter.fsu.edu/sevis](http://www.internationalcenter.fsu.edu/sevis).

**Cancellation of Student Schedules for Non-Payment of Tuition and Fees**

In accordance with Board of Governors Rule 6C-7.002 (6), F.A.C., students who do not pay tuition and fees or make arrangements for tuition and fee payment by the published deadline each semester will have their schedules canceled. Students will be notified using their FSU e-mail account concerning outstanding tuition delinquencies and given an opportunity to pay tuition and fees or make arrangements for tuition and fee payment with the Office of Student Financial Services prior to cancellation. Students whose schedules are canceled for non-payment of tuition and fees will have their academic progress discontinued for the term in question and will not be able to attend class or receive grades.

**Reinstatement of Student Schedules Canceled for Non-Payment of Tuition and Fees**

Students whose schedules are canceled for non-payment of tuition and fees may appeal to the University Registrar for reinstatement and continuation of academic progress for the term. A written appeal must be submitted to the University Registrar by the end of the 12th week of the Fall and Spring semesters (consult the Registration Guide for Summer term deadlines). Prior to a student’s appeal being approved, the Office of Student Financial Services must verify that payment for the current term has been received or that appropriate arrangements have been made for tuition and fee payment. Students whose schedules are reinstated are subject to a $100.00 late registration fee and a $100.00 late payment fee. Check or credit card payments that are returned or refused will negate any tuition payment agreement for the reinstatement of a student’s schedule. The University reserves the right to deny reinstatement when a demonstrated pattern of tuition delinquencies over two or more semesters has occurred.

**Drop/Add or Changes of Schedule**

During the first four days of classes, individual courses may be added, dropped, or sections of a course changed. Students are financially liable for all courses appearing on their schedule after the fourth day of classes. Courses may be dropped through the seventh week of classes with the exception of mandated college preparatory courses, freshman composition, and courses involved in allegations of academic dishonesty; however, tuition charges remain. Approval by the student’s academic dean is required to reduce the academic load below twelve (12) semester hours or increase an academic load above eighteen (18) semester hours (to a maximum of twenty-one [21] semester hours). Courses dropped during this period do not appear on the student’s transcript. To add courses after the first four days of classes requires the academic dean’s approval.

A cumulative maximum of two (2) courses may be dropped between the eighth and twelfth week of classes during the semesters in which the student has earned fewer than sixty (60) hours of college credit; tuition charges will remain. A student may only drop one (1) course after earning sixty (60) hours of college credit and until graduation; tuition charges remain. Approval by the student’s academic dean is required. Courses dropped during this period appear on the student’s transcript with the notation “W.”

After the twelfth week of classes, courses may be dropped only in exceptional circumstances. Dates are prorated for individual summer sessions. Approval is required by the academic dean. Such courses appear on the student’s transcript with the notation “WD.” Students who register for courses but who do not attend the classes receive grades of “F” if the courses are not officially dropped. Students changing from a previous catalog year should consult their academic dean regarding limitations concerning the policy described above.

**Students Called to Active Military Duty**

Students called to active duty who wish to receive incompleted courses for the semester and complete the coursework at a later date should fax or present to their individual instructors a copy of the orders calling them to active duty along with a written request to receive an incomplete (“I”) in the course. Students called to active duty who prefer to have their schedules administratively cancelled should fax ([850] 644-7134) or hand-carry a copy of their orders along with a statement requesting an administrative cancellation to the Administrative Section of the Office of the University Registrar, A3918 University Center.

**Directed Individual Study Courses**

Students may enroll in courses directed by an instructor for individual study of a particular area. Individual academic departments or programs determine directed individual study policies for undergraduate students. The directed individual study course title must be approved in writing by the instructor offering the course and the departmental chair, or representative, and is posted on the student’s record. Students enrolled in Undergraduate Studies must also have permission of the Dean of Undergraduate Studies.
Undergraduate Students: Permission to Register for Graduate Courses

A student of senior standing or an upper-division honors student may carry graduate courses for undergraduate credit provided the student 1) has earned either a grade point average (GPA) of 3.0, “B,” or better, or has made a combined score on the Graduate Record Examinations aptitude test of at least 1000; 2) carries a course load of no more than fifteen (15) semester hours; and 3) has the advance approval of the dean, the department chair, and the instructor offering the course, prior to registration. Students must have eligibility certified in the Office of the University Registrar before seeking approval of those listed in item three.

Students who wish to receive graduate credit for such course work must obtain approval of the dean, the department chair, and the instructor offering the course prior to registration for the graduate course. After approval, up to twelve (12) semester hours may be counted toward a graduate degree at The Florida State University, provided the course has not been counted toward a previous degree.

Florida Agricultural and Mechanical University—The Florida State University Interinstitutional Registration

A full-time student at one institution may enroll in one or more courses at the other institution under the following conditions:

1. Permission is to be given by the academic dean of the student’s home university;
2. Courses taken at the host university should be those normally not offered at the student’s home university;
3. Within the policy of the student’s home university, courses taken at the host university must be graded on a satisfactory/unsatisfactory (S/U) basis;
4. The final grade obtained by the student shall be reported directly to the student’s home university for entering on the student’s transcript. Grades, credits, and quality points are treated as home-institution work;
5. All tuition and fees are paid to the home institution; and
6. Faculty and full-time students at either institution have equal access to the library facilities at both institutions.

To register, see the FAMU—FSU Cooperative Program representative in the Office of the University Registrar. For engineering requirements, see the “FAMU—FSU College of Engineering” chapter of this General Bulletin.

Tallahassee Community College/The Florida State University Cooperative Program

A student at one institution may enroll at the other institution under the following conditions:

1. Admission. A Tallahassee Community College student wishing to dual enroll at The Florida State University must obtain specific approval from the designated representative in the Office of Enrollment Services at Tallahassee Community College and the Office of Admissions at The Florida State University. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) Florida State University students planning to take courses at Tallahassee Community College must obtain the approval of their Academic Dean and the Office of the University Registrar prior to submitting the registration request to the Office of Enrollment Services at Tallahassee Community College.
2. Registration. Courses taken at the host institution must not be offered at the home institution. If there is a shortage of classroom space, interinstitutional students will be given lower priority for scheduling than home students.

Note: Interinstitutional students will be expected to follow prescribed registration procedures at each institution. If academic term calendars of the institutions vary, students will be expected to attend all classes, complete examinations, and discharge other responsibilities normally required of students in accordance with the schedule of each institution;
3. Fees. The student will pay fees to the host institution;
4. Records and Certification. Each institution will maintain its own permanent record of courses taken. Unofficial grade reports will be exchanged by the institutions at the end of each term. Certifications of enrollment or progress will be made by each institution when requested by the student for Selective Service, Veteran’s Administration, or other purposes.

Undergraduate Interinstitutional Transient Students

This program enables students to take advantage of special resources and/or programs not available at their home institution. An interinstitutional transient student, by mutual agreement of the appropriate academic authorities in both the sponsoring and hosting institution, will receive a waiver of admission requirements of the host institution and a guarantee of acceptance of earned resident credits by the sponsoring institution. Interinstitutional transient students must be recommended by their own academic dean, who will initiate a visiting arrangement with the appropriate dean at the host institution. Students will register at the host institution, paying tuition and/or registration fees established by that institution. The approval of one institution does not bind the other to comply.

Students from other institutions who wish to take courses at The Florida State University should submit an approved Interinstitutional Transient Student application to the Office of Admissions by the published deadline. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.)

Note: Academic rules governing regular students (e.g., fees, drop/add, withdrawal, grading policies) also apply to transient students.

Dual Enrollment of Leon County High School Students—School Board of Leon County/The Florida State University Cooperative Program

To receive dual enrollment credit, students must adhere to the rules and regulations of the Leon County School Board, the State Board of Education, the Florida Legislature, and the following conditions:

1. The student must currently be enrolled in a secondary school operated by the Leon County School Board and must be taking a course or courses from The Florida State University for which the student shall receive credit toward a high school diploma. The student must possess a grade point average (GPA) of 3.2 or better, certified by a high school counselor; be classified as a high school junior or senior; and meet requirements established by the School Board, the University, and the Florida Legislature;
2. Students will be enrolled at no cost to either the student or to the school district. The University will provide books and materials to the student and arrange for the payment of all fees;
3. Parents or guardians are responsible for the student’s transportation;
4. Courses taken at the University will under no circumstances duplicate courses offered in the student’s high school. Physical education courses offered by the University will not be considered qualified courses. The University may cancel a course due to insufficient enrollment; and
5. To remain eligible, the student must obtain a 2.0 GPA in all University course work. Both the University and the School Board will maintain academic records of the student’s course work. The University will determine the status and grades of the students and will provide records of the same to the School Board at the end of each term.

Students in Leon County public high schools interested in dual enrollment course work should consult their guidance counselor for further information. Academic advising and registration for dual enrollment students at The Florida State University are provided by the Office of Undergraduate Studies.

The above interinstitutional agreements and the dual enrollment agreement between the Leon County School Board and The Florida State University are on file at the University in the offices of the University Registrar and the Dean of the Faculties.
Registration of Special (Non-Degree Seeking) Students

All registration by special students is on a space-available basis. Because of excessive demand for some graduate courses, special students may be enrolled in such courses only with the permission of the graduate officer of that particular unit.

Auditor Seating Privileges

All regularly enrolled students and persons not enrolled in the University are afforded seating privileges after registration on a space-available basis with permission of the instructor, payment of the prescribed fee for each course, and presentation of the appropriate form approved by the Office of the University Registrar. Since no credit is allowed for attendance via “seating privilege,” admission to the University is not required. The course(s) taken will not appear on the student’s permanent record.

Students are cautioned not to preregister for any course they intend to audit. They will have to drop the course(s) from their official schedule and will incur additional financial liability.

Citizens 60 years of age or older who are Florida residents may attend classes under “seating privileges” criteria, and fees are waived except for those courses requiring individual instruction.

Transcripts

The Office of the University Registrar will issue official transcripts at the written request of the student. Individuals needing official transcripts should make a written request directly to the transcript section of the Office of the University Registrar.

Transcript service may be denied if a financial or judicial stop has been placed on a student’s record. Clearance from the Controller’s Office or the Judicial Office must be obtained prior to the release of the transcript. Transcript service may also be denied if the request is made by a third party without the student’s written consent.

A charge of $5.00 will be assessed for each official transcript issued.

Enrollment Certification

All student certifications will be by official request only. Students in need of enrollment verification should make a written request directly to: Certification Section of the Office of the University Registrar, A3900 University Center, Tallahassee, FL 32306-2480, or go to http://www.studentsfirst.fsu.edu. Select “fill out a certification request.” Follow the instructions on the screen in order to obtain your certification letter. Your letter will be processed the following business day.

Access to Records

Students have the right to have access to their student records on file in the Office of the University Registrar. Students requesting access to information in their file, or a third party requesting information in a student’s file with the written consent of the student, has the right to a response from the Office of the University Registrar within thirty (30) days. When the record includes information on more than one student, only the information pertaining to the student making the request will be given.
ACADEMIC ADVISING/ACADEMIC SUPPORT SERVICES

Purpose
Advising is a process that includes collection of information, interpretation of data, and dissemination of facts regarding educational programs, courses of instruction, resources, policies, procedures, and career options. Together, the advisor and the student can discuss educational goals and map out an academic program that will achieve the student’s long-range goals.

The University takes academic advising seriously and accordingly has developed an official University policy.

University Policy on Advising

General Statement on Advising
To progress satisfactorily through a degree program, each student must have available ample and accurate academic advisement, tailored to individual educational needs. The Florida State University is committed to a strong program of effective academic advising for all of its students. The Florida State University understands academic advisement to be a function considerably broader than assistance with course scheduling. Academic advising is a process that helps students interpret the values and benefits of higher education, assists students in their choice of educational and career objectives commensurate with interests and abilities, and examines the consequences of possible short- and long-range goals.

The faculty and staff of the University affirm their responsibility to make available to every student information about academic policies and requirements, timely notification of changes either in the University’s policies and curricula or in the student’s academic standing, assistance in evaluating course options and in planning successful completion of educational goals, guidance in developing decision-making skills, and referral to the various academic and student support services on campus available to help the student make the most of educational opportunities. Further, the faculty and staff affirm their responsibility to inform students clearly about their own responsibilities in the advising process.

The Student’s Role in Advisement
The Florida State University expects students to assume an ever-increasing responsibility for their own academic progress as they move through the University. To accomplish this goal, each student will:

1. Assume responsibility for knowing the rules, regulations, and policies of the University and the requirements pertaining to the student’s degree program and will consult the University General Bulletin and Registration Guide for up-to-date information;
2. Furnish a current address and immediately inform the Office of the University Registrar of any changes of address;
3. Know the student’s advisor, make timely contact with the advisor upon arrival on campus and during the first semester, and continue to see the advisor at least once a term until achieving junior status;
4. See the student’s advisor or academic dean immediately after being placed on academic warning or probation;
5. Notify the appropriate dean’s office of any change in intended major or any problems the student is experiencing with advisement; and
6. Recognize that the matriculation catalog (i.e., the General Bulletin) governs each student’s graduation requirements—this catalog remains in effect for six years for the bachelor’s degree unless the student elects to meet the requirements of any subsequent General Bulletin published during the period of enrollment.

The Faculty’s Role in Advisement

1. Each college, school, or department will formulate its own plan to meet undergraduate advising needs and problems. The plan shall include attention to appropriate advising loads and to the method of recognizing and rewarding individual advisors’ work in advisement for purposes of annual evaluation, promotion, and tenure. The plan, agreed upon by the appropriate unit, shall be filed with the Dean of Undergraduate Studies and updated whenever the unit makes significant changes in advisement policies.
2. Each unit shall designate one member of the faculty or administration as director, coordinator, or undergraduate advisor for the unit. This faculty member will serve as the unit’s liaison with the Division of Undergraduate Studies to ensure that the advisors within the unit are kept abreast of changes in academic policies and procedures and to work with the Division of Undergraduate Studies to solve special advising problems. Units shall also monitor closely the quality of their advising and ensure that it meets the goals of the University.
3. The unit will not assign a first semester faculty member to advising unless there is ample evidence of prior college-level advising experience. Each advisor shall attend a workshop before beginning advising duties for the first time and at least every two years thereafter.
4. Recognizing that sound advisement and a successful undergraduate experience should begin even before the student arrives on campus, units shall communicate with students accepted as freshmen or transfer students who indicate an intended major, outlining requirements and preparatory work expected for specific degree programs. Such contact with admitted students shall be coordinated with the Office of Admissions.
5. Each unit will provide a planning guide for lower-division students working toward their majors—designed to help students understand course requirements, prerequisites, and sequences—to enable them to move into the major as efficiently and as well prepared as possible. A similar planning guide will be available for junior and senior students in the major. Both guides will be filed and updated annually with the Division of Undergraduate Studies.
6. Advisors should be aware that students transferring to The Florida State University after the freshman year have as great a need for detailed information as do freshmen. Extra care should be taken to inform these students of The Florida State University’s rules and regulations, which may differ from their previous college-level experience.
7. Advisors should also be aware of the special needs of the undecided majors they advise. Directors or coordinators of advising in each unit should take care to inform advisors of Advising First, Curricular-Career Information Services (CCIS), and other services on campus available to such students.
8. Advisors should inform students who may have other special needs (e.g., part-time students, disabled students, returning students, minority students, etc.) of the student support services available to them. Directors or coordinators of advising in each unit will ensure that advisors are aware of these student support services.
9. Advisors should take a role in identifying students who are working toward certain majors that may be inappropriate (e.g., a student with low math test scores and/or poor math preparation seeking a major in computer science or engineering). Such students may be referred to Advising First for information about their academic options or to Curricular-Career Information Services (CCIS) in the Career Center for help in clarifying their interests and abilities.
10. Units should identify students who have declared a limited access major but who, it appears, are unlikely to be able to meet the special admission requirements of that major. Such students should be made aware as early as possible of the strong likelihood that their intended major will be closed to them; advisors may wish to refer these students to Advising First Central, A3200 University Center.
Advising Organization

The Advising First Office assigns all entering freshmen and lower-division transfer students to an advisor, with the exception of those accepted into the College of Music, the School of Motion Picture, Television & Recording Arts, and the Departments of Dance and Theatre BFA Program (College of Visual Arts, Theatre, and Dance). In these programs, advisors are assigned by the dean of the respective schools. Typically, students are assigned to either full-time professional or faculty advisors. Advisors of freshmen and sophomores assist students with understanding liberal studies requirements and other University policies and procedures. (See the “Undergraduate Degree Requirements” chapter of this General Bulletin for a discussion of the Liberal Studies Program and other degree requirements.)

Upon entering a major, usually around the junior year, the focus of advising shifts from liberal studies to major and college requirements. In most cases, this means that the student is assigned to an advisor who will assist with all requirements for the chosen academic major.

Assignment of Advisors

Advisors are initially assigned based on information provided to the University during the admission process. The Advising First Office assigns majors for lower-division students. Upper-division students are assigned advisors through the dean’s office of their college or school.

Academic Interest Mapping (“Mapping” or AIM)

Mapping is The Florida State University’s academic advising and monitoring system that provides students with a recommended eight-semester map for each major. The map is a plan for completing the bachelor’s degree in four years in most programs. The map for each major may be viewed online at http://Registrar/fsu.edu/acad_map/.

Students’ academic progress is monitored Fall and Spring semesters to insure that they are on course to earn their degrees within four years. Summer semesters are not included in degree mapping and may be used by students to either catch up or get ahead in their degree programs. Students are responsible for checking their own progress and are encouraged to contact their advisors with any questions concerning their programs of study. In addition, advisors will contact students who are not making appropriate progress. Students who intend to change their majors should do so as early as possible. This will enable appropriate advisor assignment and degree monitoring.

Entering students are strongly encouraged to select their majors at the time of advising so that advising may be tailored to their specific program requirements. For those students who are divided in their interests, however, the University permits the option of four exploratory categories. Students in these categories are expected to declare a formal major early in their second year of enrollment.

Minimum Progress

Students do not have to complete all of the recommended classes on their maps to remain on course; they simply must meet certain minimum requirements known as “milestones.” Milestones may include a minimum grade point average (GPA), completion of specific classes, and/or minimum grades in one or more of the milestone classes. Milestones are identified on each major map. All incoming freshmen are monitored for Semester 1 milestone criteria, regardless of the number of hours that students may bring in through dual enrollment and/or credit by examination.

Students who are off course are notified of such status by the University. Before registering again, these students must meet with an advisor in order to: 1) determine what is necessary to get back on course; or 2) identify possible alternative majors. If students are off course for two consecutive semesters, they will be required to change to more appropriate majors. Students will not be permitted to change to majors for which they would be off course for more than one semester.

Declaring or Changing Majors

Students are encouraged to declare an intended major and to meet with an advisor in that academic discipline. The declared major is extremely important because it may allow a student access to important prerequisite courses for that major.

Lower-division students are allowed to change their major at any time during the semester at the Advising First Office. Upper-division students should contact their academic dean’s office.

Advising Services

Orientation Advising

Incoming students may change previously provided information concerning their major at orientation check-in.

The first academic advising experience for all students occurs during orientation. Due to time constraints, this session usually consists of brief general information and course selection. Students are strongly urged to contact their advisors early in their first semester for an individualized advising appointment.

Department Advising

All freshmen and sophomores are required to see their academic advisor prior to registration each semester. Some major departments prevent students from registering if they have not seen their respective advisors. Contact information for advisors is available at http://www.fsu.edu/~asgstud/advisors/index.html or by calling either the dean’s office for the college or school or the academic department of the intended major. The Advising First Office maintains a list of academic advisors for lower-division students.

The academic relationship should be a comfortable and personal one between the student and the advisor. Sometimes, due to personality conflicts or shifting academic interests, this relationship does not develop. Students in this situation may request reassignment to a different advisor through their dean’s office.

Exploratory Majors

Students are encouraged to declare a major early in their academic career at The Florida State University to ensure proper advisement and course selection. If students are unsure as to which major they wish to pursue, the university offers four exploratory majors in which they can examine their academic options. These four majors include 1) Sciences, Technology, and Engineering; 2) Creative Arts, Humanities, and Letters; 3) Education and Teaching; and 4) Communication, Human Services, and Social Sciences. Students still deciding on a specific major should contact the Exploratory Student Advising Office in Room 106, William Johnston Building, (850) 645-2847.

Although an exploratory major is a good option for undecided students in their first semesters at the university, students must select a major before they can be certified into an upper-division degree program. See “Progression to Upper Division” in “Undergraduate Degree Requirements” in this General Bulletin for additional details.

Advising First

“Advising First” is a program within the Division of Undergraduate Studies at The Florida State University that places professional academic advisors throughout the University’s many academic units. Specifically, Advising First advisors provide academic advising to assist students in meeting Liberal Studies, major, and University requirements. Currently, the program has approximately 40 professional advisors in numerous locations throughout campus.

Along with being housed in colleges and departments, Advising First advisors are also available in the William Johnston Building Advising Center, Oglesby Union, Strozier Library, and a variety of other “floating” locations across campus. The William Johnston Building Advising Center focuses on advising freshman and sophomore students who are not ready to declare an intended major. This center works closely with students to help them take the appropriate liberal studies and introductory courses while exploring their available academic and career options. The Advising First Center, located in the University Center A Building, focuses on assisting students with major changes and working with students who are required to change their major under the university mapping system. For more information, contact Advising First’s administrative office at A3200 University Center, (850) 644-3430, or refer to http://www.fsu.edu/undergrad/AdvisingFirst/.

Student Academic Support System (SASS)

The State of Florida has implemented a computerized advising system to help both the student and the advisor monitor academic progress. The SASS report outlines requirements the student has already met and those the student has yet to complete. Reports typically will be available through the academic advisor, although some departments have alternative
methods for distributing reports to their majors. Individual requests for SASS reports may be made at Advising First Central, A3200 University Center. Students may also view their reports on-line by selecting the “undergraduate graduation check” option on the following Web site: http://www.ats.fsu.edu/ais/applications/student/index.html.

Preprofessional Majors

Prelaw students may major in many different fields and will have an advisor assigned to them based on their undergraduate academic area. Students planning to enter law school after earning a bachelor’s degree should join the prelaw society, Phi Alpha Delta, where they will receive special information and services focusing on prelaw issues. Students may come to Advising First to obtain a list of advisors who specialize in working with prelaw students.

The Pre-health Professions Advising Office, part of the overall outreach effort of the Florida State University College of Medicine, provides career counseling to students interested in pursuing a career in the health sciences. Since there are no specific majors leading directly to individual health professions, advisors can assist students in developing strategies leading to acceptance into medical, dental, veterinary, and other programs. Students are encouraged to meet with an advisor as soon as possible in their college careers and at least once each semester thereafter. Information about pre-health organizations also is available through this office. For further information, visit 408 College of Medicine, or call (850) 644-7678.

Academic Support for Athletes

The Academic Support Program for student-athletes assists student-athletes with the transition into college and provides continued support in all phases of academic and professional development culminating with graduation, job placement, or graduate school. Program staff provide academic counseling, study skills development, and additional academic assistance through tutorial programs. This supplements the sound educational practices (class attendance, note taking, reviewing and preparing properly for quizzes and exams, actively participating in class discussions, and staying current with all assigned readings) that are imperative for academic success. D2108 University Center, (850) 644-9201.

Center for Academic Retention and Enhancement (CARE)

The Florida State University and the Center for Academic Retention and Enhancement (CARE), are committed to recruiting, retaining, and graduating economically, educationally, or culturally disadvantaged students, who have the potential to do college level work.

CARE is designed to provide first-time-in-college students from socially and/or economically disadvantaged backgrounds with services such as a limited number of exclusive, full-credit liberal studies courses, academic advising, tutoring, a tutorial lab, learning skills workshops, and cultural enrichment activities. The center promotes a caring environment for students to discuss their academic, personal, and/or social concerns with a friendly, supportive staff.

The center provides a high school-to-college Summer Bridge Program that includes: intensive academic and social orientation to the University; introduces participants to the responsibilities and opportunities of college life; encourages the development of useful study habits; and assists students with recognizing their potential for success. A3400 University Center (850) 644-9699.

The Student Support Services Program (SSSP) is a federal TRIO grant program that provides opportunities for academic development and assists Florida State University students in motivating them to successfully complete their post-secondary education. The goal of SSSP is to increase the college retention and graduation rates of its participants, and to facilitate the process of transition from one level of higher education to the next.

Pre-Collegiate Programs

College Reach Out Program is a state-funded program established to identify, motivate, and prepare disadvantaged middle and high school students to pursue post-secondary education.

The University Experience Program is the summer residential component of the College Reach Out Program, in which high school students from disadvantaged socio-economic backgrounds are invited to visit The Florida State University campus for two weeks during the summer. They receive instruction in verbal/math skills, cultural enrichment and otherwise experience college life.

The Upward Bound Program (located at East Gadsden High School in Quincy, Florida) is a federally funded program that serves high school students from low socio-economic backgrounds. The UBP staff helps students develop academic skills and encourages them to complete high school and continue their formal education at the college or university of their choice.

Reading/Writing Center

The Reading/Writing Center provides individualized instruction in reading, writing, and study skills. The center offers ENC 1905-01, required for freshmen who score 450–470 on the verbal section of the SAT or 17–18 on the Enhanced ACT. It also offers directed individual study in reading and writing to undergraduate and graduate students at all levels. Students sign up for one to three (1–3) elective credits (ENC 1905-02) and undertake a course of study designed to meet their specific needs. Students may also receive short-term tutorial instruction on a no-credit, walk-in basis. Help in preparing for the Florida CLAST, GRE, and LSAT is also available.

Mathematics Help Center

The Mathematics Help Center offers tutorial assistance for mathematics courses MAT 1024, 1033; MAC 1105, 1113, 1140, 2233, 2311; MGF 1106, 1107; and limited help in MAD 2104 and MAC 2312 and 2313. The center offers a “practicce” Florida CLAST several times each semester. Center hours are announced each semester by course instructors. The hours are also posted at the help center at 110 Million Carothers Hall and at 208 Love Building.

Academic Support/Acceptance Program

The Academic Support/Acceptance Program (ASAP), located at A3500 University Center, provides an intensive one-semester counseling/advising program for third-year students who are having unusual difficulty in selecting or gaining admission into upper-division majors. Most ASAP students participate in a special section of SDS 3340r, Introduction to Career Development, though other options are available. ASAP has been funded through a special grant for enhancing undergraduate education to address the special needs of these students. The contact person for this program is Linda Mahler, (850) 644-0387.

Curricular-Career Information Services (CCIS)

The Curricular-Career Information Services (CCIS) is a multimedia, self-service career resource with books, pamphlets, videotapes, slides, films, strips, computers, and career advisors to help students choose a major and a career. Special equipment and materials are available for students with disabilities. Here students find answers to questions about occupations, job outlook, vocational schools, graduate programs, job-hunting techniques, and many other career-related topics. CCIS holds frequent workshops and clinics.

Bryan Hall Learning Community

Participants in this program will enroll in a section of AMS 1363 that offers an introduction to the academic opportunities provided by a research university. Faculty research, scholarship, and creative activities are emphasized in the context of the teaching, research, and service missions of the University.

The First-Year Experience

The First-Year Experience (AMS 1363) is a one-credit-hour course offered only to first-time-in-college students and is coordinated by the Dean of Students Department and the American and Florida Studies Program. The class helps students to understand the importance of a liberal arts education, develop a framework for understanding their university experiences, and become more goal-oriented in their academic and extracurricular experiences. Students learn the history of The Florida State University, including the values of the institution, and explore the various University resources available to them. Faculty and administrators teach the course in small, seminar-style classes of approximately twenty students, and each group has access to a trained peer leader. Students may contact the Dean of Students Department, at (850) 644-2428, to learn more about the First-Year Experience.
Eligibility for Transfer to Major Advisement

Students will be considered eligible to transfer from the advisement program of the Office of Undergraduate Studies after satisfying the following requirements:

1. Completion of at least fifty-two (52) semester hours of credit;

2. Successful completion of at least one-half of the required semester hours in the Liberal Studies Program, including all required liberal studies courses in freshman composition and freshman mathematics (Areas I and II of the Liberal Studies Program—see the “Undergraduate Degree Requirements” chapter of this General Bulletin);

3. Achievement of a minimum adjusted grade point average (GPA) of 2.0 or above on work attempted at The Florida State University; and

4. Acceptance by a baccalaureate dean for admission to a major’s advisement program.

A student who has attempted seventy-five (75) or more semester hours without fulfilling all of the above-listed requirements will not be allowed to register. Such students should consult the Office of Undergraduate Studies and the dean of the college or school in which the degree is to be sought before making final decisions on how to meet these requirements.

Freshman Interest Groups (FIGs)

All first-time-in-college students have the opportunity to enroll in a Freshman Interest Group (FIG) during their initial term of enrollment. This program is an initiative of the Liberal Studies Coordinating Committee and was established to enhance the academic engagement of our incoming undergraduates. Each FIG is a pre-packaged cluster of high demand freshman courses that have been structured to assist students with the initial selection of Liberal Studies courses by grouping courses with a common thread of interest. One of the most significant advantages of the program is the FIG Colloquium, HUM 1920. This course is designed to provide a set of experiences that will introduce students to the academic culture at the Florida State University.

Center for Intensive English Studies

The Center for Intensive English Studies provides intensive instruction in the English language to non-English speakers. Its primary target audience is international scholars who are preparing to pursue degree work in American colleges and universities. The center also provides English-as-a-second-language services for the spouses of regular students at The Florida State University, as well as for some already admitted international students who are experiencing difficulty in mastering the English language.

Center for Retention and Academic Support

The Center for Retention and Academic Support provides special assistance for students in academic difficulty or who are unable to decide on a major. The center also provides assistance for students having difficulty preparing for the Florida CLAST. The office is located at A3500 University Center.

Office of Undergraduate Studies

Associate Dean: Gregory Beaumont

The Office of Undergraduate Studies provides information and services on all academic matters, including exemptions with credit, information on liberal studies courses, academic standing, dismissal, readmission, remediation, correspondence study, and enrollment in courses at other colleges and universities. The Office of Undergraduate Studies is located at A3400 University Center.

In addition to serving as the academic dean’s office for most freshmen and sophomores, the Office of Undergraduate Studies performs two important academic functions:

1. The office evaluates all transfer credit to determine how it applies to The Florida State University’s liberal studies requirements and prepares liberal studies check sheets for each undergraduate transfer student who enters without an associate in arts (AA) degree from a Florida public senior or community college. See the “Undergraduate Degree Requirements” chapter of this General Bulletin for details. Decisions about transfer credit applying toward a major requirement are made in the office of the dean responsible for that major; and

2. The office monitors student progress in liberal studies through the Student Academic Support System (SASS) report. The SASS report will be reviewed with the student at the time of formal declaration of a major for transfer to an upper-division program.

The Florida State University grants an AA certificate to qualified students upon request. The Advising First Office determines the eligibility of students for the certificate. See the “Undergraduate Degree Requirements” chapter of this General Bulletin for more information.

The cooperative enrollment program between The Florida State University and area high schools is administered by the Office of Undergraduate Studies. See the “Office of the University Registrar” chapter of this General Bulletin for descriptions of these cooperative programs.

Transfer from Undergraduate Studies to Major Advisement Program

Transfer from undergraduate studies to a major’s advisement program in any college or school of the University is accomplished between the Advising First Office and the appropriate baccalaureate dean after the student: 1) has declared a choice; 2) has been certified as eligible for transfer; and 3) has been accepted by the appropriate baccalaureate dean. Acceptance into a major advisement program does not constitute admission to the upper division of the University.
STUDENT SERVICES

The Florida State University seeks to provide students with opportunities outside the classroom that will stimulate social and cultural awareness, physical well-being, intellectual expansion, and spiritual and moral growth. The University wishes to address the needs of the total student. The University is committed to creating a sense of community among students, faculty, and administrators that will extend to the public, whether in the state, nation, or other countries.

Division of Student Affairs

Vice President for Student Affairs: Mary B. Coburn;
Associate Vice President for Student Affairs: Timothy Quinnan;
Associate Vice President for Student Affairs: Elizabeth P. Maryanski.

The goal of the Division of Student Affairs is to ensure that all students may take advantage of the formal and informal educational experiences offered by The Florida State University. The Vice President for Student Affairs and the staff are responsible for the following departments:

- Campus Recreation
- Career Center
- Center for Academic Retention and Enhancement (CARE)
- Center for Civic Education and Service
- Child Development Programs
- Dean of Students Department
- First-Year Experience (FYE)
- Greek Life
- Orientation
- Student Disability Resource Center
- Student Rights and Responsibilities
- Victim Advocate Program
- Withdrawal Services
- International Center
- LEAD Center
- Office of Multicultural Affairs
- Oglesby Union
- Flying High Circus
- Organization and Leadership Services
- Student Campus Entertainment
- Student Government Association
- Thagard Student Health Center
- University Counseling Center
- University Housing

Some of these departments and their programs are highlighted below; however, for more complete information, refer to The Florida State University Student Handbook or the Division of Student Affairs Web site at http://www.studentaffairs.fsu.edu. The Handbook is available at the Union Information Center.

The University also offers the following student service programs, which are administered by their individual offices or departments:

- Assessment Services
- Bicycle Parking
- Parking and Bus Services
- Postal Services
- Public Safety
- Radio and Television
- Seminole Dining
- StudentsFirst

For academic support services, refer to the “Academic Advising and Academic Support Services” chapter of this General Bulletin. For employment services, refer to the “Financial Information” chapter.

Career Center

The Career Center, located in the University Center, A4100, helps students in all phases of their career development. The center’s Curricular-Career Information Service unit helps students explore their skills, interests, and values and select appropriate academic programs and occupations to reach their career goals. The center’s career library provides students access to both computer-based and print career assessment and information resources. The Career Experience Opportunities Program helps students explore career choices through various preprofessional internships and cooperative education work experiences. Students nearing the end of their academic programs find help in the Career Placement Services unit that administers the on-campus recruitment program and helps students develop effective job search techniques. Placement services are offered also through the Career Center in the colleges of Business and Engineering. The Career Center also has developed a state-of-the-art online Career Portfolio that enables students to document their skills throughout their academic career. For further information regarding Career Center programs and services, please visit our Web site at http://www.career.fsu.edu.

Child Care

FSU Child Development Programs (FSUCDP) provide, for a fee, care and educational experiences in four centers for a limited number of children, ages 6 weeks to 11 years of age. Children of Florida State University students are given priority for enrollment. Space is limited, so please apply early. Applications are available at http://www.childcare.fsu.edu and when completed may be faxed to (850) 644-7997.

FSUCDP also provides sites for research by faculty members and graduate students in a variety of areas as well as a laboratory setting in which students may observe or work with young children. For additional information, contact FSU Child Development Programs, 103 Student Life Building, 133 South Wildwood, Tallahassee, FL 32306-4174, (850) 644-2860, Web site http://www.childcare.fsu.edu.

The Alumni Village Child Development Center, located at 169 Herlong Drive, in the University’s apartment housing area, provides, for a fee, an early learning program for children two and one-half to five years of age. The hours are 7:30 a.m. to 5:30 p.m. Monday through Friday when classes at FSU are in session. For Alumni Village residents only, a free after-school program operates from 3:30 p.m. to 5:15 p.m. For additional information, please call (850) 644-8305.

The Educational Research Center for Child Development, located at 370 Hall Drive, provides, for a fee, an early learning program for children two and one-half to five years of age. The hours are 7:30 a.m. to 5:30 p.m. Monday through Friday when classes at FSU are in session. The center also provides, for a fee, an educational program for children ages three to eleven years of age. The hours are 3:15 p.m. to 10:00 p.m. Monday through Thursday when classes at FSU are in session.

The Infant and Toddler Child Development Center, located at 330 Pernell Circle, provides, for a fee, an early learning program for children ages six weeks to two and one-half years of age. The hours are 8:30 a.m. to 4:30 p.m. Monday through Friday when classes at FSU are in session. For additional information, please call (850) 644-0003.

Community and Public Service

The Florida State University encourages students to become involved in community service and civic activities, as well as broaden their academic experience through service learning courses. The Center for Civic Education and Service promotes this vision by providing service opportunities and civic involvement for both students and faculty. The center operates a clearinghouse of service-related information, including a directory of nonprofit organizations, service learning classes and student service organizations.

The center administers the FSU ServScript program, which allows students to record their community service hours on their official academic transcript. A transcript is a direct reflection of a student’s collegiate career to potential employers and graduate and professional schools. The ServScript goes hand and hand with Service Learning courses that link community service to the classroom curriculum. Service Learning courses are offered in numerous academic disciplines.

The center coordinates, advises and supports many service projects and programs. In the Fall and Spring semesters, students are trained as America Reads mentors and are placed in Leon County schools to improve reading
skills. In addition, service events include the Service Leadership Seminar, Into the Streets Student Success Fair and Make A Difference Tallahassee. The center also coordinates weekly, student-led, Outreach Projects that serve area nonprofit agencies. The center houses several student service organizations, which include: Alternative Break Corps, FSU Service Corps, Habitat for Humanity and International Medical Outreach.

The Florida State University and the Center for Civic Education and Service host several statewide programs that promote student involvement in community service and civic responsibility in education. Statewide initiatives include the Community-Higher Education-School Partnership, Florida Campus Compact, Florida Learn and Serve and VISTA.

The University also recognizes outstanding service to the community through the President’s Humanitarian of the Year Award. In addition, students are recognized for their service through the Profiles of Service Award, the Service Scholar Program and the Rosenblum Scholarship.

For more information, contact the Center for Civic Education and Service, Division of Student Affairs, 930 W. Park Ave., Tallahassee, FL 32306–4180; (850) 644–3342; Fax (850) 644–3362; Web site: http://www.service2learn.fsu.edu; email: service@admin.fsu.edu.

Assessment Services

For information concerning Assessment Services, please refer to the ‘Academic and Professional Program Services’ section in “The University” chapter of this General Bulletin.

StudentsFirst

StudentsFirst is a walk-up information and service counter located in the ground floor lobby of the University Center Building A. Students can ask questions about Financial Aid, Registration, Fee Payments, Admissions, and more. StudentsFirst staff will assist students and direct them to the oﬃce and personnel who can handle their speciﬁc problems. Students also may use StudentsFirst kiosks to access a variety of other self-service information. There are 7 kiosks in various locations around campus.

Students can now find and print more information than ever directly from the Internet. Some of the services include semester grades, oﬃcial transcripts, class schedules, and student account status. You also can change your address, view the status of your financial aid disbursement, and make payments using your FSU Card, credit cards or e-checks. Please visit our Web site at http://www.studentsfirst.fsu.edu.

Seminole Dining

Seminole Dining offers a variety of dining options for students, faculty, staff and guests. Choose from national brand favorites Chick-fil-A, Starbucks, Smooth Grindz, Strozier Library, Einstein Bros. Bagels, Boar’s Head Deli, Quiznos, Starbucks, or try FSU’s own late night Park Avenue Diner.

• Residential Restaurants—featuring unlimited servings of freshly made-to-order food.
• Athletic Training Table–University Center D
• Real Food on Campus
• Fresh Food Company–between Stone Building and Salley Hall

Retail Locations

• Einstein Bros. Bagels–Oglesby Union
• ZIA Juice–Oglesby Union
• On The Rock–Oglesby Union
• Quiznos–Oglesby Union
• Union Food Court–Oglesby Union
• Park Avenue Diner–Woodward and Park avenues
• Stadium Food Court–University Center B
• Renegade Grill & Bar–Seminole Golf Course

Convenience Stores

• C3–Woodward and Park avenues
• Boar’s Head Deli & Convenience Store–William Johnston Building

• Starbucks
• FSU Bookstore
• Strozier Library
• Barrister’s Bistro–College of Law
• Cyber Café–Student Life Center
• Smooth Grindz–Stadium Food Court, University Center B

All dining locations accept cash, Garnet Bucks, Flex Bucks, Visa, MasterCard and the FSU Card. Meal Memberships (prepaid amount of meals) are available at Real Food on Campus (RFoC) and Fresh Food Company. Visit the Customer Service Oﬃce in the Oglesby Union to sign up for a Meal Membership or to add money to a Garnet Bucks account. For additional information, please visit http://www.seminoledining.com, or call (850) 644–3663.

Health Care

Thagard Student Health Center (TSHC) provides primary out-patient medical care to students and their dependents age 13 years and older. Currently enrolled, fee-paying students are not charged for illness or injury oﬃce visits. Additional services such as procedures, lab, x-ray, pharmacy and physical therapy are provided at less-than-market rates. Services include urgent care, general medical care, women’s care, psychiatry, allergy clinic, immunizations, nutrition, health promotion, anonymous HIV testing, lab, x-ray, pharmacy, and physical therapy.

TSHC clinical staﬀ includes board-certified physicians, psychiatrists, advanced registered nurse practitioners, registered nurses, pharmacists, and dieticians. The health center has more than 100 full-time employees and 50 part-time and student staﬀ members.

All students must meet State Board of Education immunization requirements. Receipt of immunization documentation and health history forms must be completed prior to class registration.

Students interested in joining a student organization that can make a difference should consider the TSHC Student Health Advisory Resource and Education Team. This committee meets monthly to discuss health center operations and makes recommendations to administration to improve services and better meet the needs of our students.

All students are encouraged to have insurance coverage. International students with F-1, F-2, J-1, or J-2 visa status must meet federal and state mandates for health insurance coverage. The Florida State University sponsors a reasonably priced policy that meets these requirements. All students are encouraged to visit our insurance oﬃce or Web site to obtain information about available policies. Medical care outside the health center facility is the financial responsibility of the student.

The TSHC Health Promotion Department is dedicated to assisting FSU students in making informed choices for their health and well-being through a number of services and programs, both individual and group-oriented. The Health Promotion Department provides educational materials and oﬀers presentations upon request on a number of health related issues including tobacco, alcohol, sexual health, HIV/AIDS, nutrition, gambling, and stress. Professional staﬀ and student peer educators also promote a number of national events such as the Great American Smokeout and National Collegiate Alcohol Awareness Week.

The center also sponsors the Partnership for Alcohol Responsibility (PAR), a coalition of community and campus representatives who work to reduce the negative consequences of high risk alcohol use by college students through a variety of environmental prevention strategies that promote individual, community and institutional responsibility.

All students are encouraged to visit the Thagard Student Health Center Web site at http://www.tshc.fsu.edu for more complete information, or call (850) 644-6230.

Counseling Services

The University Counseling Center (UCC), a department in the Division of Student Affairs, provides counseling services and programs to help students achieve or maintain a healthy state of mind, enabling them to function academically to the best of their ability. Individual counseling is offered on a time-limited basis; group counseling is unlimited. The UCC also provides psychiatric consultation. These services are available to all fee-paying FSU students and to TCC students who purchase a health card. Students who are aware that they will require long-term treatment should consider the TSHC Student Health Advisory Resource and Education Team. The University Counseling Center’s staﬀ will make referrals for ongoing treatment in the Tallahassee community, if necessary. Treatment outside the center will be at the student’s expense. Counseling sessions are by appointment except in cases of emergency. Records of visits to the UCC are strictly conﬁdential and are not included in the student’s University records. Information concerning use of the center will not be released to anyone without written permission from the student involved unless there appears to be clear and imminent danger to the student or others. Outreach programs on a number of topics are available to faculty,
Center for Academic Retention and Enhancement (CARE)

The Florida State University is committed to recruiting, retaining, and graduating first generation college students who demonstrate a strong potential for success but who may otherwise not have the opportunity to attend college due to economic, educational, or cultural circumstances. The Center for Academic Retention and Enhancement was established to help fulfill these goals.

The Center for Academic Retention and Enhancement (CARE) administers the CARE Summer Bridge Program, as well as the federally funded Student Support Services Program, which assists low-income students with special academic and personal support services. The Florida State University’s pre-collegiate programs, including the Upper Bound Program and the College Reach Out Program are administered through this center as well. CARE introduces students to the responsibilities and opportunities of college life, encourages the development of useful study habits, and assists students in recognizing their potential for success. The center provides a caring environment for students to discuss their academic, personal, and/or social concerns with a friendly, supportive staff.

College Programs

The Student Support Services Program (SSSP) is a federal TRIO grant program that provides opportunities for academic development and assists FSU students by motivating them to successfully complete their post-secondary education. The goal of SSSP is to increase the college retention rate and graduation rates of its participants and to facilitate the process of transition from one level of higher education to the next.

Pre-Collegiate Programs

College Reach Out Program is a state-funded program established to identify, motivate, and prepare disadvantaged middle and high school students to pursue post-secondary education.

University Experience Program is a two-week summer residential program designed to give selected disadvantaged high school juniors and seniors an opportunity to gain exposure to college life. Students receive verbal and math skills instruction in preparation for the Scholastic Achievement Test (SAT), which they take at the beginning and end of the program. They also participate in cultural enrichment and leadership activities.

Upward Bound Program (located at East Gadsden High School in Quincy, Florida) is a federally-funded program that serves high school students from low socio-economic backgrounds. The UBP staff helps students develop academic skills and encourages them to complete high school, and continue their formal education at the college or university of their choice.

Parking and Bus Services

The Office of Parking and Transportation Services is responsible for the administration of the parking and transportation program on campus. The University requires students, staff, and faculty who want to park on campus to display a valid Florida State University parking permit. Temporary permits are available when needed. Enforcement hours are from 7:30 a.m. to 6:30 p.m., Monday through Thursday, and 7:30 a.m. through 4:30 p.m. on Fridays. Temporary permits are distributed by Student Financial Services located at University Center A1500, 8:30 a.m. to 4:30 p.m., Monday through Friday. Student permits must be obtained online at http://parking.fsu.edu.

The office has the authority to ticket, tow, or boot (auto cuff) illegally parked vehicles and to charge for late payments of citations. Appeals of citations are reviewed by the Parking Violations Appeals Board, an administrative body representative of the University community.

Parking is extremely difficult on the University campus. It is suggested that students walk, bike, or use the Seminole Express, the University’s free campus bus service. Students may park in the Campbell Stadium lot where buses pick up at ten-minute intervals and deliver students to the campus. The buses operate from 7:30 a.m. to 6:00 p.m., Monday through Friday. Students with valid IDs may ride the Free Fare buses on TalTran’s (city of Tallahassee public transportation) designated bus stops within the city.
Bicycle Parking

In accordance with the Florida Americans with Disabilities Act of 1993, the State of Florida Fire Marshal’s Rules and Regulations and University rules, it is unlawful and dangerous to park bicycles in locations where they impede pedestrian or vehicular traffic. Prohibited areas include:

- Any area within six feet in front and to the side of any entrance to or exit from any building.
- Within any sidewalk,
- On any access or egress ramp, steps, stairs or handrails,
- In corridors,
- Within any roadway or motor vehicle parking spaces.

The Florida State University Police Department is authorized to cut security chains and remove for impoundment any bicycle parked or stored in violation of this rule.

Any person whose bicycle has been impounded may claim that bicycle within thirty (30) days of impoundment by contacting the Florida State University Police. The burden of proving ownership shall rest upon the person claiming the bicycle. Bicycles not claimed within thirty (30) days shall be considered abandoned and will be disposed of in accordance with State and University rules governing abandoned property. For more information on bicycle registration, where to park your bike, and how to operate it safely, please contact the Florida State University Police at (850) 644-1234.

Postal Services

All United States postal services, except COD, are available at the University Post Office. Residence hall students are assigned post office box numbers with their room assignments. If they subsequently move off campus, however, arrangements should be made with the University Post Office for continued use of the post office boxes. Students may rent a post office box for $17.50 each term, or $35.00 a year. All students holding University Post Office boxes should notify the University Post Office of any change of address.

The Union Copy Center provides the following services: facsimile service; color copier service; card operated copiers, and quick copy service. The center is open from 8:00 a.m. to 5:00 p.m.

Public Safety

The Florida State University’s Police Department is responsible for all safety and law enforcement functions on campus. The four divisions of the department are administration, police operations, investigations, and support services. The office of police operations provides motor vehicle, bicycle, and foot patrol of the campus 24 hours daily. Campus police, all sworn law enforcement officers, promote campus safety by presenting public safety programs in classes, residence halls, and Greek and scholarship houses. The office of investigative services provides investigative expertise in matters involving violations on campus of municipal ordinances and applicable federal and state laws.

The Florida State University’s Seminole Safety Guide, in compliance with the Campus Security Act of 1990, is published and distributed annually on-line, with hard-copy available upon request. The Safety Guide describes all safety programs and security services available at the University. It contains safety tips and emergency telephone numbers, policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault, and other matters, as well as campus crime statistics. Copies are available through the FSU Police Department. The safety guide is available on the Web at www.police.fsu.edu/safetyguide.cfm.

Student Government’s newest affiliated project is the Bicycle/Pedestrian Program. Its purpose is to improve bicycling and walking conditions on campus. The program will sponsor a Bike and Pedestrian Safety Week, register bikes with The Florida State University Police and promote environmentally-safe transportation options for students. The office is located at A3909 Oglesby Union. (850) 644-2925.

SAFE Connection provides several free services to all FSU students and faculty. SAFE Connection escorts students to and from all areas on campus and selected off campus locations. SAFE Connection hours of operation are from dark until 3:00 a.m. Please don’t drink and drive; call 644-SAFE and let SAFE Connection get you home safely.
The Blue Light Trail, comprising over 317 strategically placed poles with emergency call boxes and blue signal lights, provides areas of safety and enables FSU Police to find callers quickly and easily; additional blue lights currently are under construction as part of ongoing renovation and new construction projects. By pressing the call box button, students are connected with the campus police dispatcher. Students should take note of where the lights and call boxes are located and plan their routes at night accordingly.

Radio and Television

The University-owned and operated WFSU-FM and WFSQ-FM are Tallahassee’s only listener-supported, noncommercial public radio stations. Weekly, listeners tune into classical music, jazz, big band, and new-age music on WFSQ, and local and state news and information programs through National and Florida Public Radio on WFSU.

Students at The Florida State University interested in a career in broadcasting are encouraged to participate in the stations’ volunteer and internship programs. Participants are given an opportunity to work within a professional public radio setting and gain valuable experience in many facets of the station’s operation, including programming, production, announcing, public relations, and management.

WFSU-TV is an award-winning, noncommercial public television station licensed to the State Board of Education and operated by The Florida State University. One of the fastest growing PBS stations in the nation, it recently extended coverage to the western area of the state transmitting on Channel 56, WFGS-TV, Panama City.

Both WFSG-TV and WFSU-TV broadcast PBS favorites and locally produced programs that offer news and feature stories, sports events, and community-interest spots.

Fund-raisers, staffed entirely by volunteers, give students an opportunity to gain broadcasting experience as members of the camera crew or production staff. Another way to learn production, public relations, or fund-raising techniques is through a professional-level internship, available only to a few students who are willing to invest a great deal of time and energy.

WFVS Tallahassee (89.7 FM), the Voice of Florida State, is the FSU student-run radio station. An affiliated project of the Student Government Association and the College of Communication, it serves two purposes: to supply the student body with music and information not available on other local radio stations, and to train Florida State University students in the basic concepts of broadcasting and radio station management. WFVS also airs a wide array of specialty shows and news and sports programming pertinent to University students.

Anyone enrolled at The Florida State University or in the FAMU/FSU Cooperative Program is eligible to work for WFVS. Most staff members work on a volunteer basis; however, in some instances class credit can be earned through Department of Communication courses. Students with writing, sales, public relations, and audio production skills are welcome, but no experience is required. WFVS recruits for all positions three times a year, always during the first week of each semester; listen to 89.7 FM for details.

The FSU Video Center maintains Seminole Cable Vision Channel 17, the Student Government 24 hour Movie Channel. The center also provides VCRs and video cameras for student use, but these must be reserved. The center is always looking for new talent or for anyone interested in learning about its production assistant program. No experience is necessary. (850) 644-1800; Movie Request Line (850) 644-1888.

Recreation and Sports

The Campus Recreation Office encourages students, faculty, and staff to be involved in recreational sports through its intramural, extramural, aquatic, fitness, and outdoor pursuits programs. On-campus recreational facilities are located primarily in the Bobby E. Leach Recreation Center. The center offers basketball, racquetball, and squash courts; a swimming complex; jogging track; whirlpools; and health bar. Several weight-training and fitness rooms are furnished with state-of-the-art equipment. Nearby, students have access to intramural fields, an outdoor track, and tennis courts. For complete information on all campus recreation offerings, see http://fsu.campusrec.com.

The Seminole Reservation, a 73 acre lakefront recreational facility, is located within five miles of the main campus. Here students may swim, picnic, and kayak. Students may rent sailboats, kayaks, or canoes and take lessons offered throughout the year. A challenge ropes course is provided for team building and leadership training. The Reservation has conference room space available for meetings and retreats.

The Intramural (IM) Office is a resource for over 50 intramural programs. Separate divisions for various ability levels keep competition fair and fun. Coed programs and recreational divisions are designed for those who enjoy sport as a social activity. The office also hires students to officiate and to supervise intramural teams. For information, contact the IM Office at (850) 644-3350, or visit http://www.fsu.edu/programming/sportclubs

Extramural sport clubs, more highly structured than intramural teams, compete with clubs from other universities. See http://fsu.campusrec.com/sportclubs for a list of clubs.

Through Outdoor Pursuits, students can snow ski, camp, canoe, white water raft, or be otherwise active in the outdoors. Trips, scheduled throughout the year, are open to students and the community.

Dean of Students Department

The primary focus of the Office of the Dean of Students is to support the academic mission of The Florida State University and the Division of Student Affairs by providing services, programs, resources, and advocacy for the needs and interests of all students. This includes advocacy for students reporting alleged sexual harassment. Staff members provide educational opportunities for students to develop their values, decision-making skills, and leadership capabilities. For more information, contact Dean of Students Department at 4300A University Center, call (850) 644-9574, or visit http://www.deanofstudents.fsu.edu.

The Student Disability Resource Center (SDRC) is the primary advocate for students with disabilities and a resource site for the university community on issues of disability-related access. The SDRC provides academic support services such as extra time on exams, tutors, readers, note-takers, alternate texts, and sign language interpreters. The SDRC provides on-campus transportation for persons with mobility impairments. It also maintains within the SDRC the Theodore and Vivian Johnson Adaptive Technology Lab, a facility that houses computers and adaptive equipment that help students with disabilities successfully meet the requirements of their academic programs. For more information, contact the Student Disability Resource Center, 108 Student Services Building, call (850) 644-9566, or visit http://www.disabilitycenter.fsu.edu.

The Orientation Office offers different sessions each year to accommodate the needs of incoming students. Every undergraduate student new to The Florida State University is required to attend an orientation session prior to enrollment. During orientation, students are given essential information regarding University policies and procedures, academic opportunities and requirements, and community values and standards. They also meet with an academic advisor and register for courses. Additionally, orientation participants have a chance to ask questions or discuss their concerns in small groups, which are led by trained student orientation leaders.

For more information about the orientation program at The Florida State University, call (850) 644-2785, or visit http://www.orientation.fsu.edu.

The First Year Experience Program (FYE) assists new student by offering a course, AMS 1363, that deals with transition issues, academic success, health and safety, student involvement, values and leadership, and knowledge of campus resources. FYE classes are offered during Summer “C” session and the first part of the Fall semester, and are one credit, satisfactory/unsatisfactory based. FYE classes are small, personalized and highly interactive. The course is taught by an instructional team that includes an undergraduate peer leader and utilizes a new customized textbook. For additional information please call the FYE Office at (850) 644-8707, visit 4326 A University Center, or check online at http://www.fye.fsu.edu.

The Office of Greek Life oversees the governing bodies of 27 fraternities and 23 sororities, the Interfraternity Council (IFC), the Multicultural Greek Council (MGC), the National Pan-Hellenic Council (NPHC), and the Panhellenic Association. Fraternities and sororities at The Florida State University provide students with an opportunity to establish a sense of community and build a strong, supportive group while furthering the ideals of scholarship, leadership, service, and social development. For information call (850) 644-9574, or visit http://www.greklife.fsu.edu.

The Office of Student Rights and Responsibilities administers student disciplinary procedures in accordance with the Student Conduct Code and maintains official disciplinary records. An emphasis is placed upon educating students about their rights and responsibilities as members of the University community. University codes and policies pertaining to students can be found in the Florida State University Student Handbook and the “Academic Regulations” chapter of this General Bulletin. For
more information regarding student judicial procedures, call (850) 644-5136, or visit http://www.srr.fsu.edu.

The Withdrawal Services staff provides advocacy for students and their parents when faced with the possible interruption of their University enrollment. The office analyzes student situations to explore possible alternatives and advises students of the policies and procedures to assist them in making informed decisions. Once the decision to withdraw has been made, staff evaluate fee and grade liabilities according to regulations, and centrally facilitate the processing of all paperwork through the appropriate University officials. The staff also maintains all the necessary and/or confidential records of completed withdrawals. For more information, call (850) 644-1741, or visit http://www.deanofstudents.fsu.edu/withdrawal.

Staff of the FSU Victim Advocate Program provide advocacy to victims of crime. An advocate is on call twenty-four hours a day to respond to those Florida State University students who are victimized, and to any person victimized on the Florida State University campus. The services offered include emotional support, instructor notification, referral to counseling services, and educational programming for the campus community. For information call (850) 644-7161 or (850) 644-2277, or visit http://www.victimadvocate.fsu.edu. After hours, call (850) 644-1234 and ask for an advocate.

Student Government

The Student Government Association (SGA) is the student’s voice at The Florida State University. SGA allocates approximately $8.6 million of activity and service fees. These funds support the Leach Center, Oglesby Union, activities of the Student Senate and the executive branch, Student Government agencies, and numerous student organizations and University units. Elected and appointed officials enjoy many opportunities to acquire leadership and administrative skills and to serve their fellow students and the University. For more information, call (850) 644-1811 or stop by 205 OGC.

The Center for Participant Education (CPE) is a free university that sponsors approximately 150 courses, as well as many films and speakers each semester. Volunteer instructors teach classes in social issues, creative expression, interpersonal relations, movement and exercise, sports, religion, and languages. The center’s three Student Government–funded workshops—pottery, wood, and photography—are well equipped and open to students for a small materials fee. (850) 644-6577.

The purpose of the FSU Service Corps is to act as a liaison between the students and service organizations within the campus and community. The center’s goal is to provide students with opportunities that will help to develop new skills, new interests and new friends—thereby enhancing the quality of their college experience. The bureau is committed to providing the Florida State University students with quality volunteer experiences. For more information, contact (850) 644-0086.

The Congress of Graduate Students (COGS) is the elected representative body of all post-baccalaureate, graduate, professional, and doctoral students at the University. COGS is the unified voice and advocate for all graduate-related matters. It also offers travel grants to graduate students, funds graduate organizations, and sponsors a variety of programs. For further information, call (850) 644-7166 or stop by 242 SLB.

Students looking for a place to live are invited to consult the Off Campus Housing Office. The office provides students with apartment listings, roommate referral, renter’s rights guides, and listings for subleases. Students who have a room or apartment to either sublease or rent—come by and we will list it for you. (850) 644-0089.

Student Publications annually produces the Freshman Record, which is a publication for incoming students, and The Torch, which informs students about the services offered by the Student Government Association. The office also designs Web sites, and it offers students opportunities to gain and improve their skills in graphic design (web and print), journalism and photography. (850) 644-0037.

Student Legal Services is an executive bureau of the Student Government Association, which enables students to attend three half-hour consultations per year with a participating attorney at no charge. Student Legal Services strives to ensure that all students have access to high quality legal advice and works diligently to provide students with the means they need to settle legal disagreements and other matters of concern without great personal cost. Student Legal Services can provide assistance with landlord/tenant disputes, criminal defense (DUI, assault and battery, traffic offenses, auto accidents and fake ID’s), consumer complaints (contracted services, auto repair, and student-targeted scams), marital/family law, probation, credit/debt, personal injury, and other general legal concerns. (850) 644-0083.

The Women’s Center is a Student Government agency devoted to improving the quality of life for women students and to increasing awareness of the needs and concerns of all women. The center sponsors classes, discussion groups, speakers, films, and services that address social, educational, political, and economic concerns of women. The center also offers pregnancy counseling and serves as a referral agency to community resources. The Women’s Center Resource Library has books, periodicals, newsletters, and reference files on feminism, birth control, women’s health, and other related issues. (850) 644-6453.

The Alumni Village Child Development Center provides day care for the Florida State University students and faculty with children between the ages of 2 to 5 years. The center is also an excellent source for work experience in early childhood development and observational research. (850) 644-8303.

The Starlight Child Care Center provides after school child care for the Florida State University students and faculty with children between the ages of 3-12. The center is open daily from 3:15 till 10:15 p.m. Workstudy and practicum students are always welcome. (850) 644-3096.

Oglesby Union, Student Life Building, and Flying High Circus

The Oglesby Union is the center of student activity on campus, hosting a variety of cultural, educational, social, and recreational activities. Union facilities include a student activities center; an entertainment club; restaurants; study and television lounges; an arts center and gallery; a bowling, billiards, and games room; lost and found; automatic teller machines; information center; student organization offices; meeting rooms; auditorium; and ballrooms. Located in the Oglesby Union complex are a travel center, post office, copy shop, computer store and service center, and computer lab.

Another facet of Oglesby Union is the (SAC) Student Activities Center. Two major components of the SAC include Student Organization Services and Union Productions. Student Organization Services provides student support services for over 385 registered clubs and organizations. The Student Activities Center staff provides training and development for students and advisors, as well as, monthly programs and activities. In addition, students can take advantage of resources such as copying, faxing, storage space, campus mailboxes, and meeting space.

Students who participate in Union Productions provide leadership and direction in all facets of social, cultural, and educational programming. Students gain experience in booking events, marketing and advertising, hospitality, staffing large shows, and a variety of leadership skills. Union Productions sponsors a variety of programs including comedy, daytime programming, culture and the arts, concerts, and many other fun and educational activities.

The Student Life Building houses the Congress of Graduate Students (COGS), the National Pan-Hellenic Council (NPHC), University Housing and Counseling Center. It also has a 380-seat theatre, a cyber cafe with computer games, and a cafe.

The Florida State University’s Flying High Circus, a component of the union, is one of only a few collegiate circuses in the nation. Founded in 1947, the circus has delighted audiences at home and abroad with skillful aerial and floor routines. Students work as their own riggers, put up the big top, spread sawdust, and string lights. Performers can receive one academic credit, but no academic scholarships or tuition waivers are available.

Office of Veterans’ Affairs

The Office of Veterans’ Affairs serves veterans and their dependents by providing information about work-study employment and referrals to counseling, medical, and other community resources. The Office of Veterans’ Affairs is located within the Office of the University Registrar.
UNDERGRADUATE DEGREE REQUIREMENTS

Degrees Offered

The Florida State University confers at the bachelor’s level the bachelor of arts, bachelor of fine arts, bachelor of science in nursing, bachelor of music, bachelor of music education, and the bachelor of science degrees, the requirements for which are described in detail below. Students may find requirements for all graduate degrees (master’s, specialist, professional, and doctoral) in the Graduate Bulletin.

Students pursuing a baccalaureate degree at The Florida State University must meet a number of state- and University-wide degree requirements as they progress through their course of studies. In general, freshman and sophomore students in most majors emphasize work in a broad-based liberal arts curriculum, described below as the Liberal Studies Program, and in consultation with their advisors select a major concentration. By the end of the sophomore year, all students should have completed at least half of the Liberal Studies Program including the composition and mathematics requirements in Areas I and II and have passed the Florida College Level Academic Skills Test (Florida CLAST) or approved alternative.

At about the end of the sophomore year, students formally select a major and request acceptance by the college or school in which the major is taught. Students transferring into the University with an associate in arts (AA) degree from a Florida public community college or university, or transferring fifty-two (52) or more semester hours of credit, are admitted directly into the college or school of their choice.

Students at the junior and senior level complete the requirements of their chosen major and often of a minor field. They may also have to fulfill additional requirements specific to their college or school and/or certification requirements to engage in a particular profession for which their undergraduate major is preparatory.

Understanding these degree requirements is crucial to the smooth progression to graduation. Students are encouraged to consult with their academic advisers regularly throughout their undergraduate years to ensure that they are making appropriate progress toward their degree and to consult their academic deans’ offices, Advising First, StudentsFirst Advising, and the Office of the University Registrar for assistance and clarification of degree requirements.

Baccalaureate Degree Requirements: An Overview

The Florida State University will confer the bachelor’s degree when the following conditions have been met. Restrictions may be found under ‘Transfer Credit’ in the “Academic Regulations and Procedures” chapter of this General Bulletin.

General Requirements

1. Satisfactory completion (a minimum adjusted grade point average of 2.0 on all courses used for liberal studies) of The Florida State University’s Liberal Studies Program, thirty-six (36) semester hours, as follows:
   - Area I. Mathematics (six [6] semester hours)
   - Area II. English Composition (six [6] semester hours)
   - Area V. Natural Science (seven [7] semester hours)
   For details, please see ‘The Liberal Studies Program’ of this chapter.
2. Satisfactory completion of Section 1007.25, Florida Statutes, the “Gordon Rule,” requiring specific course work in composition and mathematics. Students are expected to demonstrate proficiency in the use of spoken and written English in all of their Universities;
3. Satisfactory completion of the Florida CLAST or approved alternative;
4. Satisfactory completion of major requirements in a chosen degree program, including additional requirements set by the college or school offering the degree. The student’s degree program will appear on the baccalaureate diploma. If a student satisfies all requirements for two majors, including admission, prerequisite, core, etc., both degree programs may appear on the diploma;
5. A minimum adjusted grade point average (GPA) of 2.0 on all course work taken at The Florida State University and an overall 2.0 average on all college-level work attempted;
6. Successful completion of a minimum of one hundred twenty (120) unduplicated semester hours, only two (2) hours of which may be in physical education activity courses;
7. Completion of at least forty (40) semester hours in courses numbered 3000 and above;
8. Completion of the last thirty (30) semester hours in residence at this University. In cases of emergency, a maximum of six (6) hours of the final thirty (30) semester hours may be completed by correspondence or residence at another accredited senior institution with the approval of the academic dean. College-Level Examination Program (CLEP) credit earned may be applied to the final thirty (30) hour requirement provided that the student has earned at least thirty (30) semester hours credit at The Florida State University;
9. Sixty (60) semester hours of the work credited toward a baccalaureate degree must be earned in an accredited senior institution;
10. Students who have entered a university in the State of Florida, Division of Colleges and Universities, with fewer than sixty (60) hours of credit in the fall of 1976 or any time thereafter are required to earn at least nine (9) hours prior to graduation by attendance in one or more summer terms at one of the eleven State of Florida senior institutions. The University President may waive the application of this rule in cases of unusual hardship to the individual. Students wishing waivers submit written requests giving the details of their hardships through their academic deans to the Dean of the Faculties. Students entering The Florida State University beginning with Summer C 2002 will be exempt from the Summer term requirement if they have earned nine (9) semester hours of credit through approved acceleration mechanisms as identified in Florida Statutes (AP, IB, AICE, CLEP, approved dual enrollment courses); and
11. Successful completion of coursework constituting the student’s program of studies, minor, honors thesis, or certification examination does not guarantee award of the baccalaureate degree. Faculty judgement of the academic performance of the student is inherent in the educational process in determining whether the award of the baccalaureate degree or admission into a higher level degree program is warranted.

Note: For the purpose of establishing residency, the various summer terms are considered one semester.

Following is a full discussion of state- and University-wide degree requirements at the undergraduate level. Requirements specific to a particular college or school may be found in the section of this General Bulletin describing that college or school. Major and minor requirements may be found under the appropriate department in the departmental listings.

State Mandated Academic Learning Compacts (SMALCs)

The State Board of Governors has directed each university to develop Academic Learning Compacts for every baccalaureate degree program. A State University System Academic Learning Compact (SMALC) identifies for each academic bachelor’s program what students will learn by the
end of a program and how knowledge is measured above and beyond course grades.

A SMALC must pinpoint the core learning expectations in the areas of communication, critical thinking skills, and content/discipline knowledge and skills. Additionally, it must identify the corresponding assessments used to determine how well the student has assimilated the articulated expectations.

Successful performance related to the State Mandated Academic Learning Compacts specific to your degree is a requirement for graduation. Visit http://learningforlife.fsu.edu/smalsc/plearningcompact.cfm to view the current version of the SMALCs for your degree. Simply select your major and detailed information is provided. You may also obtain information pertaining to SMALCs by contacting the academic department.

**Division of Undergraduate Studies**

**Dean:** Karen Laughlin;  
**Associate Deans:** Gregory Beaumont, Bruce Janasiewicz, Linda Mahler

The Division of Undergraduate Studies is responsible for the supervision and monitoring of all state- and University- wide degree requirements as well as University-wide academic support offices. Overseen by the Dean of Undergraduate Studies, the division includes the Office of Undergraduate Studies (the academic home of most freshmen and sophomores), Advising First, the Center for Academic Retention and Enhancement (CARE), the University Honors Program, the Center for Retention and Academic Support, and the Office of National Fellowships. For further information on these academic support offices see: ‘Honors Program’ in the “University Honors Program and Honor Societies” chapter, and ‘Advising First’, the ‘Center for Academic Retention and Enhancement’, and the ‘Center for Retention and Academic Support’ in the “Academic Advising and Support Services” chapter of this General Bulletin.

Freshmen and sophomores have their programs and course work supervised by the Office of Undergraduate Studies. Exceptions to this placement are students accepted into the College of Music, School of Motion Pictures, Television, and Recording Arts, or into the bachelor of fine arts (BFA) program in theatre or dance. Students in these performance majors are advised and supervised directly within their own schools or departments. The Office of Undergraduate Studies is the dean’s office that administers the academic and advisement program, regardless of intended major, for all other freshman and sophomore students.

**The Liberal Studies Program**

As one of its primary goals, a university education should foster in the student a spirit of free inquiry into humane values, while developing the mind as an instrument of analysis and synthesis. Essential to the student’s quest for knowledge and to responsible participation in society is an understanding of one’s self and of the natural and social environment. The Liberal Studies Program is intended, therefore, to provide a perspective on the qualities, accomplishments, and aspirations of human beings, the past and present civilizations they have created, and the natural and technological world they inhabit. The Liberal Studies Program, designed to ensure breadth in the student’s academic experience, while at the same time affording flexibility in satisfying requirements, may be extended throughout the undergraduate years with the exception of Areas I and II. The five areas of liberal studies provide students with essential competencies and introduce the student to broad areas of knowledge.

Students are required to complete (or be exempted from with credit) a minimum of six (6) semester hours of mathematics and six (6) semester hours of English composition, six (6) to twelve (12) semester hours in social science/history, five (5) to eleven (11) semester hours in humanities/fine arts, and seven (7) semester hours in natural science (one course must be accompanied by a scheduled laboratory) for a total of thirty-six (36) semester hours.

**Liberal Studies Requirements**

The liberal studies requirements must be met by completion of appropriate course work or by combination of course work and credit by examination within the limits set below:

1. **Credit by Examination.** A maximum of thirty (30) semester hours of credit earned through examination may be applied to the liberal studies requirements;
2. **Course Work.** An overall 2.0 average or better is required for course work used to satisfy the liberal studies requirements.
3. **To satisfy the requirements of The Florida State University for Section 1007.25, Florida Statutes, students must also earn a grade of “C–” or better in each of the courses used to fulfill the liberal studies requirements in Area I (mathematics), Area II (English composition), and four more liberal studies courses designated by the Undergraduate Policy Committee as requiring 3,000 words of writing (courses indicated with a “W”);
4. **Courses listed as “directed individual study” (DIS), “senior honors thesis,” or “senior seminar” cannot apply to the Liberal Studies Program;**
5. **No course may be applied to more than one area of the program;**
6. **No courses taken on a satisfactory/unsatisfactory (S/U) basis may apply to the liberal studies requirement;**
7. **A student who transfers to The Florida State University from a Florida public community/junior college or senior institution will be deemed to have satisfied the University’s liberal studies requirement if all general education requirements stipulated by the community/junior college or senior institution have been met and the student’s transcript has been so marked; and**
8. **A course approved for liberal studies credit at the time the course was completed will meet liberal studies requirements, even if the course was not listed as a liberal studies course in the General Bulletin under which the student entered.**

Courses for the Liberal Studies Program shall be selected from the following five areas. Students should check departmental curriculum listings to determine prerequisites and course duplications prior to taking courses.

**Note:** Some students will be required to take preparatory course work prior to enrollment in English composition and/or mathematics courses. See ‘Required Preparatory Courses’ in the “Office of the University Registrar” chapter of this General Bulletin.

**Area I. Mathematics**

Students must complete (or be exempted from with credit) at least six (6) semester hours in mathematics. Eligible students will enroll, as space permits, in three (3) semester hours in the Department of Mathematics during their first regular length term on campus and continue with the course until it has been completed. All six (6) semester hours of the mathematics liberal studies requirement should normally be completed by the end of the sophomore year.

Students must complete three (3) semester hours in the Department of Mathematics and three (3) additional semester hours in the Department of Mathematics or the Department of Statistics, or take a course from a list approved by the Faculty Senate and maintained by the Office of Undergraduate Studies.

**Area II. English Composition**

Students must complete (or be exempted from with credit) at least six (6) semester hours in English composition. All students, with such exceptions as have been or may be established by the Faculty Senate, shall complete the required English writing courses during their first academic year in residence at The Florida State University or must show exemption from six (6) semester hours of freshman writing courses. Each of these courses will require 6,000 words of writing. All courses used to satisfy this requirement (Section 1007.25, Florida Statutes) must be completed with a grade of “C–” or higher.

Students must complete either ENC 1101 (or 1121) and a second course from the following list. Most students take ENC 1102 (or 1122) as the second course.

- ENC 1101W Freshman Composition and Rhetoric (3)
- ENC 1102W Freshman Writing, Reading, and Research (3)
- ENC 1121W Freshman Composition and Rhetoric: Honors (3)
- ENC 1122W Freshman Writing About Literature: Honors (3)
- ENC 1142W Freshman Imaginative Writing Workshop (3)
- ENC 1144W Freshman Article and Essay Workshop (3)
- ENC 1145W Freshman Special Topics in Composition (3)

Additional courses may be approved and added to the above list from time to time.
Area III. History/Social Science

Students must complete six (6) to twelve (12) semester hours, including a minimum of three (3) semester hours of history and three (3) semester hours of social science.

History

AHF 1000xW African History and Civilization (3)
AHF 1010xW The African-American Experience in the United States (3)
AMH 2010xW A History of the United States (3, 3)
AMH 2095xW The American Indians and the United States (3)
AMH 2096xW Black Women in America (3)
AMH 2097xW Nationality, Race, and Ethnicity in the United States (3)
ASH 1044xW Middle Eastern History and Civilization (3)
ASH 3100xW History of Asia (3)
EUA 2000W Ancient and Medieval Civilizations (3)
LAH 1093xW Latin America: A Cross-Cultural History (3)
WOH 1023W The Modern World to 1815 (3)
WOH 1030xW The Modern World Since 1815 (3)

Social Science

AFA 3101yW Theory and Dynamics of Racism and Oppression (3)
ANT 2410x Introduction to Cultural Anthropology (3)
ANT 3141x World Prehistory (3)
ANT 3212x Peoples of the World (3)
CCJ 2020 Introduction to Criminal Justice (3)
CCJ 330x Introduction to Social Research Methods (3)
CPO 2002x Introduction to Comparative Government and Politics (3)
ECO 2000 Introduction to Economics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)
FAD 2230 Family Relationships: A Life Span Development Approach (3)
GEO 100xW World Geography (3)
GEO 1330 Environmental Science (3)
GEO 1400xW Human Geography (3)
INR 2002 Introduction to International Relations (3)
ISS 2937r Social Science Honors Seminar (3) For honors students only.
PAD 3003 Public Administration in American Society (3)
POS 1041 American Government: National (3)
POS 2001 Introduction to Political Science (3)
POT 3003 Introduction to Political Thought (3)
PSY 2012 General Psychology (3)
PUP 3002 Introduction to Public Policy (3)
SOP 3003 Social Psychology (3)
SYD 3020x Population and Society (3)
SYG 1000 Introductory Sociolgy (3)
SYG 2010x Social Problems (3)
SYO 3100y Family Problems and Social Change (3)
SYO 3200x Sociology of Religion (3)
URS 100xW World Cities: Quality of Life (3)

Area IV. Humanities/Fine Arts

Students must complete five (5) to eleven (11) semester hours. One course must meet the literature requirement. Courses meeting the literature requirement are marked by an asterisk.

AFA 2000W Introduction to the Afro-American Experience (3)
* AML 2010W American Authors to 1875 (3)
* AML 2600xW Introduction to African-American Literature (3)
* AML 3041xW American Authors Since 1875 (3)
* AML 3311xW Major Figures in American Literature (3)
* AML 3630xW Latina/o Literature in English (3)
* AML 3862xW American Multi-Ethnic Literature (3)
AMS 3310W Changing Concepts of the American Character (3)
AMS 3510W The Life of the Mind in America (3)
ART 2000W Art, Architecture, and Artistic Vision (3)
ART 2090xW Great Discoveries in World Archaeology (3)
ART 2630xW Survey in African-American Art and Aesthetics (3)
ART 3056W History and Criticism of Art I (3)
ART 3057W History and Criticism of Art II (3)
ART 3130W Survey of Greek Art and Archaeology (3)
ART 3150W Art and Archaeology of Ancient Italy (3)
ART 3530xW The Arts of Asia (3)
* CLA 2010W Introduction to Greek and Roman Civilization (3)
* CLA 2110W The Greek Way: Introduction to Greek Civilization (3)
* CLA 2123W The Roman Way: Introduction to Roman Civilization (3)
* CLA 2810W Discovery of Nature: Ancient Science (3)
* CLA 3012yW Homosexuality in Antiquity (3)
* CLA 3501yW Gender and Society in Ancient Greece (3)
CLA 3502yW Women, Children, and Slaves in Ancient Rome: The Roman Family (3)
CLT 3041W Word Building: Greek and Latin Elements in the English Vocabulary (3)
* CLT 3370W Classical Mythology (3)
* CLT 3378xW Ancient Mythology, East and West (3)
* CLT 3380W Classical Drama and Its Influence (3)
CRE 4100W Dramatic Technique (3)
DAN 2100W Introduction to History and Appreciation of Dance (3)
# DAN 3144W History and Philosophy of Dance (3)
OR
# DAN 3145W History and Philosophy of Dance (3)
OR
# DAN 3146W History and Philosophy of Dance (3)
DAN 3192xW African-American Dance in American Culture (3)
ENG 3310W Film Genres (3)
ENG 3600 Hollywood Cinema (3)
ENG 4115W Film Theory (3)
* ENL 2012W British Authors: Beginnings to 1790 (3)
* ENL 2022W British Authors: Early Romantics to the Present (3)
* ENL 3334W Introduction to Shakespeare (3)
FIL 2001W Introduction to Film (3)
* FOW 3240xW Literature and Sexuality (3)
FRT 3561xW French Women Writers (3)
FRW 3391t French Cinema (3)
* GET 3130xW Masterpieces of German Literature in Translation: 19th and 20th Centuries (3)
GEW 3391xW German Cinema (3)
* HUM 2210W Humanities: Homer to Gothic (3)
* HUM 2235W Humanities: From the Renaissance to the Enlightenment (3)
* HUM 2258W Humanism and the 19th-Century Romanticism to Postmodernism (3)
* HUM 2937xW Humanities Honor Seminar (3) For honors students only.
HUM 3321yW Multicultural Dimensions of Film and 20th-Century Culture (3)
* HUM 3324xW Cultural Imperialism (3)
* HUM 3413xW Humanities: South Asian (3)
* HUM 3416W Asian Humanities (3)
* HUM 3800W Humanities: Principles of Criticism and Appreciation (3)
* ITT 3430W Masterpieces of Italian Literature in Translation (3)
ITT 3500 Italian Culture and Civilization: From Origins to the Age of Romanticism (3)
ITT 3501W Modern Italian Culture: From the Unification to the Present (3)
ITT 3520 The Italian-American Experience in Literature and Film (3)
ITW 3391yW Italian Cinema (3)
* ITT 3991xW Japanese Film and Culture (3)
* LIT 2020W Introduction to the Short Story (3)
* LIT 2081W Contemporary Literature (3)
* LIT 2230xW Introduction to Global Literature in English (3)
* LIT 3043W Modern Drama (3)
* LIT 3383yW Women in Literature (3)
MUH 2011W Introduction to Music History-Music Appreciation: 18th and 19th Centuries (3)
MUH 2012W Music in Western Culture, 19th and 20th Centuries (3)
MUH 2019y Modern Popular Music (3)
* MUH 2051xW Music Cultures of the World-Music of Tribaland Folk Cultures (3)
OR
* MUH 2052xW Music Cultures of the World II-Ritual and Art Music of the Non-Western World (3)
MUH 305yW Minority Musics in North America (3)
MUH 3211W Survey of Music History-Antiquity to 1750 (3)
MUH 3212W Survey of Music History-1750 to the Present (3)
MUL 2110 Survey of Music Literature (2)
MUN XXX Any undergraduate music ensemble with the prefix MUN. Credit toward the liberal studies requirement is limited to one (1) semester hour in each ensemble course.
MUT 1001 Fundamentals of Music Theory (3)
MUT 1011 Music Theory for the Non-Music Major (3)
PHH 3130W Plato and His Predecessors (3)
PHH 3140W Aristotle to Augustine (3)
PHH 3400W Modern Philosophy (3)
PHH 3410W Introduction to Philosophy (3)
PHH 3420W Reasoning and Critical Thinking (3)
PHH 3620W Environmental Ethics (3)
PHH 3630W Ethical Issues and Life Choices (3)
PHH 3400W History and Philosophy of Science (3)
PHH 3800W Philosophy of the Arts (3)
* PHH 3882W Philosophy in Literature (3)
PHH 2121y Philosophy of Race, Class and Gender (3)
PHH 2300xW Introduction to Political Philosophy (3)
PHH 3123yW Philosophy of Feminism (3)
REL 1300xW Introduction to World Religions (3)
REL 2121y Religion in the United States (3)
* REL 2210W Introduction to the Old Testament (3)
* REL 2240W Introduction to the New Testament (3)
REL 2315x Religions of South Asia (3)
REL 3145yW Gender and Religion (3)
REL 3170xW Religious Ethics and Moral Problems (3)
REL 3493 Religion and Science (3)
REL 3505W The Christian Tradition (3)
The Florida State University maintains an official articulation agreement are exempted from the above evaluation.

The Multicultural Requirement

Students who would be truly educated must have an appreciation of the interrelatedness of and the diversity within cultural traditions. The multicultural understanding requirement recognizes and reflects the full range of human groupings and cultural perspectives as well as the complex relationships among them. Its role is to enhance students’ self-understanding and their understanding of the contemporary cultural context, a context characterized by a rich diversity of cultures and experiences in which the Western European intellectual tradition figures as one among many.

Multicultural courses include cross-cultural studies (those courses marked with an “x”) and diversity in Western experience (those courses marked with a “y”). All students who enter the University with fewer than sixty (60) semester hours must complete at least one “x” and one “y” course. Students transferring to the University with sixty (60) credits or more must complete one multicultural course from either designation. These courses may be taken as part of the liberal studies requirement or as electives or as part of a student’s major.

The multicultural requirement must be completed with the grade of “C−” or higher prior to the receipt of the baccalaureate degree.

(X) Cross-Cultural Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>AFH 1000</td>
<td>African History and Civilization (3)</td>
</tr>
<tr>
<td>AFH 4302</td>
<td>North African History: A Survey (3)</td>
</tr>
<tr>
<td>ANT 2410</td>
<td>Introduction to Cultural Anthropology (3)</td>
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<tr>
<td>ANT 2416</td>
<td>Childhood Around the World (3)</td>
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<tr>
<td>ANT 2511</td>
<td>Introduction to Physical Anthropology and Prehistory (3)</td>
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<tr>
<td>ANT 3141</td>
<td>World Prehistory (3)</td>
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<tr>
<td>ANT 3212</td>
<td>Peoples of the World (3)</td>
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<tr>
<td>ANT 3610</td>
<td>Language and Culture (3)</td>
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<tr>
<td>ANT 4175</td>
<td>East and West in Islamic World (3)</td>
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<tr>
<td>ANT 4241</td>
<td>Anthropology of Religion (3)</td>
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<tr>
<td>ANT 4242</td>
<td>Symbol and Ritual (3)</td>
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<tr>
<td>ANT 4309</td>
<td>Conquest of the Americas (3)</td>
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<tr>
<td>ANT 4323</td>
<td>Peoples and Cultures of Mexico and Central America (3)</td>
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<tr>
<td>ANT 4337</td>
<td>Peoples and Cultures of Amazonia (3)</td>
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<tr>
<td>ANT 4352</td>
<td>Peoples and Cultures of Africa (3)</td>
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<tr>
<td>ANT 4363</td>
<td>Japanese Society and Culture (3)</td>
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<tr>
<td>ANT 4422</td>
<td>Kinship and Social Organization (3)</td>
</tr>
<tr>
<td>ARH 2090</td>
<td>Great Discoveries in World Archaeology (3)</td>
</tr>
<tr>
<td>ARH 2581</td>
<td>A Survey of “Tribal Arts” Past and Present (3)</td>
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<tr>
<td>ARH 3530</td>
<td>The Arts of Asia (3)</td>
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<tr>
<td>ARH 3562</td>
<td>Arts and Cultures of the South Pacific (3)</td>
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<tr>
<td>ARH 4023</td>
<td>West African Art and the Diaspora: Brazil, Haiti, the United States and Suriname (3)</td>
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<tr>
<td>ARH 4551</td>
<td>Arts of China (3)</td>
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<tr>
<td>ARH 4554</td>
<td>Arts of Japan (3)</td>
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<tr>
<td>ARH 4583</td>
<td>The Arts of Oceania, Africa and Native America (3)</td>
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<tr>
<td>ARH 4585</td>
<td>Arts and Architecture of Polynesia (3)</td>
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<tr>
<td>ASH 1044</td>
<td>Middle Eastern History and Civilization (3)</td>
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<tr>
<td>ASH 3100</td>
<td>History of Asia (3)</td>
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<tr>
<td>ASH 4223</td>
<td>Modern Middle East (3)</td>
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<td>ASH 4520</td>
<td>Traditional India (3)</td>
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<td>ASH 4550</td>
<td>Modern India (3)</td>
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<td>CCJ 3677</td>
<td>Crimes Against Humanity (3)</td>
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<td>CHT 3391</td>
<td>Chinese Cinema and Culture (3)</td>
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<td>CLT 3378</td>
<td>Ancient Mythology, East and West (3)</td>
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<td>CPO 2002</td>
<td>Introduction to Comparative Government and Politics (3)</td>
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<td>CPO 3034</td>
<td>Politics of Developing Areas (3)</td>
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<tr>
<td>CPO 3303</td>
<td>Politics of Latin America (3)</td>
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<tr>
<td>CPO 3403</td>
<td>Comparative Government and Politics: The Middle East (3)</td>
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<tr>
<td>CPO 3512</td>
<td>Political Development in East Asia (3)</td>
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<tr>
<td>CPO 3520</td>
<td>Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3)</td>
</tr>
<tr>
<td>CPO 3541</td>
<td>Politics of Africa (3)</td>
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<tr>
<td>CPO 3553</td>
<td>Politics of Japan (3)</td>
</tr>
<tr>
<td>CPO 3614</td>
<td>East European Politics (3)</td>
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<tr>
<td>CTE 3515</td>
<td>History of Clothing and Textiles I (3)</td>
</tr>
<tr>
<td>ECS 3003</td>
<td>Comparative Economic Systems (3)</td>
</tr>
<tr>
<td>ECS 4013</td>
<td>Economics of Development (3)</td>
</tr>
<tr>
<td>FRT 3140</td>
<td>Masterworks of French Literature in Translation (3)</td>
</tr>
<tr>
<td>GEO 1000</td>
<td>World Geography (3)</td>
</tr>
<tr>
<td>GEO 1400</td>
<td>Human Geography (3)</td>
</tr>
<tr>
<td>GEO 4241</td>
<td>Cultural Geography (3)</td>
</tr>
<tr>
<td>HHD 2152</td>
<td>Multicultural Perspectives in Residential Environments (3)</td>
</tr>
<tr>
<td>HOE 3330</td>
<td>Human Sciences and Human Development: Global Perspectives (3)</td>
</tr>
<tr>
<td>HUM 3324</td>
<td>Cultural Imperialism (3)</td>
</tr>
</tbody>
</table>
**Oral Communication Competency**

Compeṭency in oral communication is indicated by demonstrating the ability to transmit clearly ideas and information orally in a way that is appropriate to the topic, purpose, and audience. It also involves demonstrating the ability to discuss ideas clearly with others, to hear and respond to questions, and to assess critical response appropriately.

A student will satisfy the requirement for competency in oral communication in either of two ways:

1. Petition to have prior demonstration of oral communication competency accepted in place of an approved Florida State University course. Students may petition the Office of Undergraduate Studies to have prior demonstrations of oral communication competency accepted in place of a course at the Florida State University. Acceptable substitutes may include but not be limited to:
   - A grade of “B” or above in a high school oral communication or speech class;
   - Verified successful participation in a forensic or debate program in high school, community college, or college; or
   - Passing with a “C–” or higher a course in public speaking or argumentation in another college or university (including community college).

   The need for specific oral communication skills (such as formal lecture/presentation, interviewing skills, or group dynamics) will vary from discipline to discipline, and while a minimum level of oral competency is required, means of assessing such competency must remain flexible. Thus, several courses will be identified as including basic tests (oral communication competence) which will vary from discipline to discipline.

   1. Petition to have prior demonstration of oral communication competency accepted in place of an approved Florida State University course. Students may petition the Office of Undergraduate Studies to have prior demonstrations of oral communication competency accepted in place of a course at the Florida State University. Acceptable substitutes may include but not be limited to:
      - A grade of “B” or above in a high school oral communication or speech class;
      - Verified successful participation in a forensic or debate program in high school, community college, or college; or
      - Passing with a “C–” or higher a course in public speaking or argumentation in another college or university (including community college).

   The need for specific oral communication skills (such as formal lecture/presentation, interviewing skills, or group dynamics) will vary from discipline to discipline, and while a minimum level of oral competency is required, means of assessing such competency must remain flexible. Thus, several courses will be identified as including basic tests of oral competency and students passing these courses with a grade of “C–” or higher will automatically be assumed to have completed the requirement:

   2. Earn a grade of “C–” or better in a course which has been approved by the Undergraduate Policy Committee for oral communication competency credit.
a. Earn a grade of “C–” or better in a course (1–3 semester hours) in the major or minor that has been certified by the Undergraduate Policy Committee as meeting the standards for oral communication competency; or
b. Earn a grade of “C–” or better in one of the following courses: SPC 1016, Fundamentals of Speech, or SPC 2600, Public Speaking.

Departments may elect to require one of the three listed communication courses.

Regardless of the vehicle, to complete the oral communication competency, the student must demonstrate the ability to:
1. Generate an original oral message which clearly presents ideas and/or information;
2. Make effective use of both vocal and physical delivery in the presentation;
3. Use standard American English;
4. Adapt the presentation to the particular audience; and
5. Be receptive to questions and/or criticism.

Courses in the oral performance of literature will not satisfy this requirement.

Currently Certified Courses

| AFR XXXX | Sequence of courses (see department for details) |
| CCJ 4209 | Courts and Social Policy (3) |
| EES 3040 | Introduction to Environmental Engineering Science (3) |
| CGN 4800 | Pre-Senior Design and Professional Issues (1) |
| CGN 4802 | Civil Engineering Senior Design Project (3) |
| ECH 2050 | Chemical Engineering Communication (2) |
| ECO 3004 | Debating Economic Issues (3) |
| EML 4551C | Senior Design Project I (3) |
| EML 4552C | Senior Design Project II (3) |
| FIL 2110 | Screenwriting I (3) |
| GEB 3213 | Business Communications (3) |
| HEE 4054 | The Educational Process (3) |
| INP 4314 | Advanced Topics in Performance Management (4) |
| MET 3940r | Weathercasting (1) |
| #MUE 3491 | Communication Skills for the Musician: Choral (2) |
| #MUE 3495 | Music Education Laboratory (1) |
| MUE 3493 | Communication Skills for the Musician: Instrumental (2) |
| MUE 3496 | Music Education Laboratory (1) |
| MUX 4402 | Music Therapy: Methods and Practicum II (3) |
| NUR 3076 | Communication in Health Care (3) |
| NUR 4642 | Substance Abuse and the Effects on Health, Family and Profession (3) |
| PHY 3091 | Communication in Physics (2) |
| PHY 4990 | Senior Seminar (1) |
| SOW 3350 | Interviewing and Recording in Social Work (3) |
| SPA 2020 | Effective Oral Communication (3) |
| SPC 1016 | Fundamentals of Speech (3) |
| SPC 2600 | Public Speaking (3) |
| THE 2020 | Introduction to Theatre for Majors (3) |

*Note: Both courses must be taken to satisfy the requirement.

**Computer Skills Competency**

All undergraduates at The Florida State University must demonstrate basic computer skills competency prior to graduation. The computer competency requirement may be satisfied in one of two ways:

1. Take and pass a course(s) that has been approved for computer skills competency in the major or,
2. Have a prior course certified by the student’s major department as equivalent to the courses approved for computer skills competency in the major.

The specific computer competency skills needed vary from discipline to discipline, and while a minimum level of competency is required, means of assessing such competency must remain flexible. Thus associated with each major is a required course(s) that provides instruction in the discipline-specific computer skills, and students passing this course(s) with a grade of “C–” or better will be considered to have completed the requirement. The list of required courses for each major will include at least one course flagged as satisfying the computer skills requirement. Students should check with their major department to identify the course(s) designated by the department as satisfying the computer skills competency in the major.

Through the vehicle used to satisfy the computer competency requirement, students must demonstrate:

- Competent use of a discipline-useful software package
- The ability to perform simple transactions using the Web/Internet

**Currently Approved Courses**

| AFR XXXX | Computer Graphics in Art Education (3) |
| ART 4226C | Media Workshop (3) |
| BSC 2010L | Biological Science I Laboratory (1) |
| CGS 2060 | Computer Literacy (3) |
| CGS 2064 | Computer Literacy II (3) |
| CGS 2100 | Microcomputer Applications for Business/Economics (3) |
| CGS 3408 | Introduction to Programming with the C Language (3) |
| CGS 3460 | FORTRAN for Nonspecialists (3) |
| CHM 3129C | Introduction to Analytical Chemistry (3) |
| COM 4470 | Desktop Multimedia (3) |
| COP 2721 | Introduction to Database Systems and Internet Services (3) |
| COP 3502 | Introduction to Computer Science (3) |
| COP 4530 | Data Structures, Algorithms, and Generic Programming (3) |
| DAN 4418 | Survey of Dance Technologies (3) |
| ECH 3054 | Chemical Engineering Computations (3) |
| EEL 3705L | Digital Logic Laboratory (1) |
| EGN 2212 | Engineering Statistics and Computation (3) |
| EME 2040 | Introduction to Educational Technology (3) |
| EMI 3002C | Mechanical Engineering Tools (4) |
| IND 3469 | Computer-Aided Design II (3) |
| MET 3220C | Meteorological Computations (3) |
| MUE 4690 | Technology for the Music Classroom (3) |
| MUS 2360 | Introduction to Technology in Music (1) |
| NUR 3167 | The Research Process for Professional Practice (2) |
| PHZ 4151C | Computational Physics Laboratory (3) |

**Statewide Graduation Requirements**

Two Florida statutes apply to the rules for academic progress to be followed by students in the state universities of Florida: the requirements of minimum communication and computation skills as stated in Section 1007.25, Florida Statutes; and the Florida CLAST. The requirements of these rules follow.

**College-Level Communication Skills**

**Section 1007.25, Florida Statutes**

**Procedures.** Students will satisfy the requirements of this rule by completing, with a grade of “C–” or better in each course, the liberal studies requirements in Area I (mathematics), Area II (English composition) and four more liberal studies courses designated by the Undergraduate Policy Committee as requiring 3,000 words of writing (courses indicated with ‘W’). These requirements must be completed prior to receipt of an associate in arts certificate from The Florida State University or admission to upper division. For more information, see ‘Progression to Upper Division’ in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

**Exemptions, Waivers, Advanced Placement.** A student shall be allowed to at least partially satisfy the mathematics requirement of Section 1007.25, Florida Statutes, through exemption in one of the following ways:

1. By scoring appropriately on an examination administered on campus by the Department of Mathematics;
2. By obtaining a score of at least 680 on the mathematics test of the SAT or the equivalent score (30) on the mathematics test of the Enhanced ACT; or
3. By satisfying College-Level Examination Program (CLEP) requirements in mathematics for postadmission exemptions of course work.
Any student who has satisfied CLEP requirements in mathematics and whose high school transcript shows successful completion of higher mathematics course work, including college algebra, trigonometry, and calculus shall be certified as having satisfied the computation requirement of Section 1007.25, Florida Statutes, though the student may still be required to complete the mathematics requirement for liberal studies.

An Advanced Placement calculus score of 3 or higher will satisfy the second mathematics course for Section 1007.25, Florida Statutes. A student may also be allowed to satisfy the English component of Section 1007.25, Florida Statutes, through one of the following methods:

1. Students who score 650 or higher on the verbal portion of the Scholastic Assessment Test (SAT-I) or 29 or higher on the English portion of the Enhanced American College Testing Program test (ACT)—25 on the old test—will be granted three (3) semester hours of credit equivalent to ENC 1101;

2. For Advanced Placement (AP) scores of 3 on either English Language and Composition or English Literature and Composition a student will be awarded three (3) semester hours of credit for ENC 1101. A score of 4 or 5 on a single exam earns the student six (6) semester hours of credit for liberal studies and Section 1007.25, Florida Statutes.

Transfer Credits or Correspondence Credits. Students transferring to The Florida State University who have been certified by The Florida State University as having completed the requirements of the Liberal Studies Program by virtue of having received the AA degree from their previous institution will be deemed to have satisfied the requirements of Section 1007.25, Florida Statutes.

Students transferring from other institutions which come under the provision of Section 1007.25, Florida Statutes, but who have not received the AA degree will be deemed to have satisfied the requirements of Section 1007.25, Florida Statutes, if the previous institution indicates, by notation on the transcript or by some other form of written certification, that the student has satisfied the rule before leaving that institution.

Transferring students who do not fall into either of the above categories will be required to satisfy The Florida State University Plan for Section 1007.25, Florida Statutes.

Courses taken by correspondence will be treated in the same manner as courses accepted for transfer.

Florida College Level Academic Skills Test

The Florida CLAST is required by Florida statutes and rules of the State Board of Education for the admission of students to upper-division status in the state universities of Florida. Students must complete the Florida CLAST prior to the end of their sophomore year in college. Transfer students admitted directly to baccalaureate degree programs who have not completed the Florida CLAST must register for and take the Florida CLAST prior to or during the first term of enrollment.

Beginning January 1st, 1996, the following alternatives have been approved to meet statewide requirements of the Florida CLAST. Students who plan to major in a teacher education program must take and achieve a passing score on all sections of the CLAST. This requirement cannot be waived or met by alternative means.

1. Any student who achieves a cumulative grade point average of 2.5 or above, on a 4.0 scale, in postsecondary-level in English and mathematics coursework identified by The Postsecondary Education Planning Commission, shall be exempt from the requirement for passing the CLAST subtest in question.

2. SAT I (re-centered) Scores: any student who achieves a math score of 500 or above has satisfied the Computation section; any student who achieves a verbal score of 500 or above has satisfied the reading, English language skills, and essay section requirements of CLAST.

3. Enhanced ACT Scores: students who achieve a score of 21 or above in mathematics have satisfied the computation section requirement of CLAST; students who achieve a score of 22 or above in reading have satisfied the reading section requirement of CLAST; students who achieve a score of 21 or above in English have satisfied the English language skills and the essay section requirement of CLAST.

Individual student scores will become a part of the permanent record of the student. Passing scores for students taking the Florida CLAST during the period of August 1986 through July 1989 are as follows: Reading—270; English Language Skills—270; Computation—275; Essay—4. Passing scores for students taking the Florida CLAST during the period August 1989 through September 1991 are: Reading—295; English Language Skills—295; Computation—285; Essay—4. Passing scores for students taking the Florida CLAST during the period October 1991 through September 1992 are: Reading—295; English Language Skills—295; Computation—290; Essay—5. Passing scores for students taking the Florida CLAST after September 30, 1992, are: Reading, English Language Skills, Computation—295; Essay—6.

Note: Because of a change in the grading scale, students not passing the Essay subtest prior to October 1, 1991 must earn a minimum score of 5 to complete the Essay subtest requirement.

All subtests of the Florida CLAST must be passed by the term a student earns ninety-six (96) semester hours of credit. Students exceeding ninety-six (96) semester hours without passing the Florida CLAST will not be able to continue in major course work until appropriate scores have been achieved.

Students must register for and take the Florida CLAST prior to completing their sophomore year. The following skills will be measured:

Reading Skills
- Recognizing main ideas
- Identifying supporting details
- Determining meanings of words
- Recognizing author’s purpose
- Distinguishing between fact and opinion
- Detecting bias
- Recognizing author’s tone
- Recognizing relationships within and between sentences
- Recognizing valid arguments
- Drawing inferences and conclusions

Writing Skills
- Determining the purpose for writing
- Limiting the subject to the requirements of time, purpose, and audience
- Formulating a thesis statement
- Providing adequate and relevant supporting details
- Arranging ideas in a logical organizational pattern with effective transition between parts
- Using words that convey the meaning required by context
- Avoiding slang, jargon, clichés, pretentious expressions, and wordiness
- Placing modifiers correctly
- Coordinating and subordinating sentence elements
- Using parallel expressions for parallel ideas
- Avoiding fragments, comma splices, and fused sentences
- Using a variety of sentence patterns
- Avoiding unnecessary use of passive construction
- Avoiding awkward constructions
- Using standard verb forms
- Maintaining agreement between subject and verb, pronoun and antecedent
- Using proper case forms
- Using standard spelling, punctuation, and capitalization
- Maintaining a consistent point of view

Computational Skills: Algorithms
- Adding, subtracting, multiplying, and dividing real numbers, including rational numbers in decimal and fractional forms
- Rounding measurements
- Calculating distances, areas, and volumes
- Applying the order-of-operations agreement
- Using scientific notation
- Solving linear equations and inequalities
- Using given formulas to compute results without geometric measurement
- Identifying information contained in graphs
- Determining the mean, median, and mode
- Selecting the sample space associated with an experiment
- Deducing facts of set inclusion or set noninclusion from a diagram
Concepts

- Recognizing the meaning of exponents
- Recognizing the role of the base number in numeration systems
- Identifying equivalent forms of decimals, percents, and fractions
- Determining the order relation between magnitudes
- Recognizing horizontal, vertical, parallel, perpendicular, and intersecting lines
- Identifying relationships between angle measures
- Classifying simple plane figures by recognizing their properties
- Recognizing similar triangles and their properties
- Identifying types of measurement (linear, square, cubic) for geometric objects
- Recognizing and using abstract properties of operations
- Determining whether a number is among the solutions of a given equation or equality
- Recognizing statements of proportionality and variation
- Identifying regions of the coordinate plane which correspond to specific conditions
- Recognizing the properties of the normal curve
- Recognizing samples that are representative of a given population
- Identifying the probability of a specified outcome
- Identifying simple and compound statements and their negations
- Determining equivalence and nonequivalence of statements
- Drawing logical conclusions from data
- Recognizing invalid arguments with true conclusions
- Distinguishing between fallacious and nonfallacious arguments
- Recognizing proof by contradiction
- Identifying characteristics of tasks that computers perform well
- Identifying human functions necessary to use computers
- Identifying possible abuses of computer use

Computational Skills: Generalizations

- Inferring relations between numbers in general by examining number pairs
- Selecting applicable properties for performing arithmetic calculations
- Inferring formulas for measuring geometric figures
- Selecting applicable formulas for computing measures of geometric figures
- Inferring relations among variables
- Selecting applicable properties for solving equations and inequalities
- Inferring relations and making accurate predictions from studying particular cases in probability and statistics
- Inferring valid reasoning patterns and expressing them with variables
- Selecting applicable rules for transforming statements without affecting their meaning

Computational Skills: Problem Solving

- Solving real-world problems involving perimeters, areas, and volumes of geometric figures; the Pythagorean property; the normal curve; and probabilities
- Solving real-world problems involving the use of variables
- Solving real-world problems that do not require the use of variables
- Solving problems that involve the structure and logic of arithmetic and algebra
- Drawing logical conclusions when facts warrant them

Most courses regularly taken by freshmen and sophomores involve the reading skills covered on the Florida CLAST. Writing skills are specifically addressed in the Liberal Studies Program by the courses in written communication listed under Area II, English Composition. Special instruction is available in the Reading/Writing Center of the Department of English. Many of the computational skills in arithmetic, geometry, and measurement should be mastered before the student enters the University, but assistance in reviewing these skills can be obtained through the Mathematics Help Center of the Department of Mathematics or through a community college course. All computational skills beyond that level are included in the following set of courses: CGS 3062; MAC 1105, 1140; MGF 1106, 1107; and STA 1013. For specific details about which skills are covered in particular courses, students should consult the Department of Mathematics. Special instruction in these skills is also available in the Mathematics Help Center.

CLAST Waiver Criteria

Section 1008.29 and (6), Florida Statutes, and State Board of Education rule 6A-10.0311(7) provide for a waiver of the passing score of a Florida CLAST subtest for students other than those with specific learning disabilities. A student is eligible to apply for a waiver of the passing score on the Florida CLAST if the student can demonstrate proficiency in the discipline of the appropriate subtest. A student who has failed a subtest of the Florida CLAST four (4) or more times but who also demonstrates proficiency in the discipline corresponding to the subtest may petition for a waiver with the student’s academic dean. If the academic dean believes the student has demonstrated proficiency in the area of the failed subtest, the academic dean may request that the Committee on CLAST Waivers consider the student’s appeal. The Florida State University President grants the waiver upon recommendation by the committee.

The Florida State University has adopted the following working definition of proficiency: proficiency in language ability generally means the ability to use the language acceptably and correctly in the four skill areas of listening, speaking, reading, and writing.

Minimum Criteria for Eligibility for CLAST Waivers in the Communications Area for All Students

1. Completion of undergraduate English communication liberal studies courses at The Florida State University with a “C” or better regardless of first language. This requirement applies to all transfer students and those students native to The Florida State University;
2. At the time of the consideration by the Committee on CLAST Waivers, students must have earned a minimum cumulative grade point average of 2.0.

Minimum Criteria for Eligibility for CLAST Waivers in the Communications Area for Non-native English Speaking Students

1. All international students transferring to The Florida State University from any institution of higher education will submit a TOEFL score of 550;
2. All Florida public community college students transferring to The Florida State University without the associate of arts degree whose first language is not English must present a TOEFL score of 550.

Minimum Criteria for Eligibility for CLAST Waivers in the Computation Area for All Students

1. Completion of two undergraduate mathematics liberal studies courses with at least a 2.0 average. This requirement applies to all transfer students and those students native to The Florida State University;
2. At the time of consideration by the Committee on CLAST Waivers, students must have earned a minimum cumulative grade point average of 2.0.

Progression to Upper Division

For progression to upper-division status at The Florida State University a student must meet the following minimum requirements:
1. Completion of at least sixty (60) semester hours of college credit;
2. Presentation of appropriate scores on the Florida CLAST or approved alternative;
3. Achievement of a minimum adjusted GPA of 2.0 on all work attempted at The Florida State University.
   **Note:** Some degree programs require a higher GPA for admission to upper-division status;
4. Students who began college work prior to October 15, 1982, must complete a minimum of one-half of the required semester hours...
from the required liberal studies curriculum, including English composition and undergraduate mathematics;

5. Students who began their college-level work on or after October 15, 1982, must complete a minimum of one-half of the required semester hours from the Liberal Studies curriculum, including courses fulfilling Section 1007.25, Florida Statutes (“Gordon Rule”). A minimum grade of “C” is required in each of the courses used to fulfill Section 1007.25, Florida Statutes;

6. Acceptance by a college or school for admission to a degree program.

Transfer from a lower-division major advisement program to an upper-

division degree program is completed by the student’s baccalaureate dean

after the student has declared a choice and has been declared eligible for

transfer under the above requirements. Transfer from undergraduate stud-

ies directly into a baccalaureate degree program is accomplished between

the Office of Undergraduate Studies and the appropriate baccalaureate

dean under the same conditions.

All transfer students admitted to the University who do not meet the

above requirements for admission to an upper-division degree program

(except those students majoring in music, dance, or the BFA in theatre) and

who have fewer than fifty-two (52) semester hours of transferable credit

will be assigned to the Division of Undergraduate Studies. Students

with fifty-two (52) or more semester hours of transferable credit will

be assigned to the lower-division major advisement program under the

appropriate baccalaureate dean unless they request assignment to the

Division of Undergraduate Studies. Students requesting assignment to

undergraduate studies must do so through the undergraduate admissions

office at least one month prior to registration. All students, including

transfer students, must have met the requirements for transfer from the

Division of Undergraduate Studies by the time they have attempted a total

of seventy-five (75) semester hours of college work.

Transfer Among Colleges and Schools for

Upper-Division Students

For an upper-division student to change colleges or schools within the

University, the student must meet the following requirements:

1. Obtain a signed approval form from the dean of the college or

   school to which the student wishes to transfer;

2. Obtain an approval signature on that form from the dean of the

   college or school from which the student wishes to transfer; and

3. Personally submit the original copy of the approved change form

   to the Office of the University Registrar.

The Associate in Arts

The associate in arts (AA) certificate may be granted through the

Division of Undergraduate Studies to students who have completed sixty

(60) semester hours with an adjusted GPA of 2.0 or better at The Florida

State University and an overall 2.0 GPA on all college work attempted.

A minimum of twenty (20) of the last thirty (30) semester hours of work

must be earned in residence. Successful completion of the Liberal Studies

Program with a 2.0 GPA or better and passing Florida CLAST scores or

approved alternative are required for the AA certificate. Students beginning

their college program January 1983 or later must also meet the require-

ments of Section 1007.25, Florida Statutes.

Students cannot apply for both an associate in arts certificate and a

bachelor’s degree to be awarded in the same semester. Also, the associate

in arts certificate cannot be awarded once a bachelor’s degree has been

conferred.

The awarding of the AA certificate does not alter the calculation of the

cumulative GPA at The Florida State University. Certification for the AA

certificate in no way affects the requirements of individual colleges/schools

for the completion of the major/minor for a baccalaureate degree.

Students interested in receiving the AA certificate and who are complet-

ing or have completed all the requirements listed above must officially

apply at the Office of Undergraduate Studies.

Teacher Education

Section 1004.04, Florida Statutes, Public Accountability and State

Approval for Teacher Preparation Programs, and State Board of Education

Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs,

state that students planning to matriculate in a teacher education program

at The Florida State University must: 1) Complete a sound liberal arts

curriculum described below; 2) Take and pass the CLAST; and 3) Acquire

a passing score on the professional knowledge and subject area test on

the Florida Teacher Certification Exam (FTCE) prior to completion of

program requirements. Students must also complete: 1) specified degree

prerequisites referred to in the appropriate program chapters of this Gen-

eral Bulletin; 2) specific admission criteria described in the “Admissions”

and “College of Education” chapters of this General Bulletin; and 3) the

“General Requirements” described earlier in this chapter of the General

Bulletin.

Note: Students should consult with an advisor to determine how to

simultaneously satisfy The Florida State University liberal studies

requirements and the teacher preparation general education core cur-

riculum requirements.

Teacher education liberal arts curriculum must include the following:

Mathematics:

• Nine (9) semester hours in mathematics to include college algebra

   or above and geometry;

English:

• Nine (9) semester hours in English to include writing, literature,

   and speech;

History/Social Sciences:

• Twelve (12) semester hours in social sciences to include American

   history and general psychology;

Humanities/Fine Arts:

• Six (6) semester hours in humanities to include philosophy and

   fine arts;

Natural Sciences:

• Nine (9) semester hours in science to include earth science, life

   science, and physical science, with a minimum of one associated

   laboratory.

The Baccalaureate Degree

The Florida State University’s general requirements for all baccalaure-

ate degrees (bachelor’s degrees) are listed at the beginning of this chapter

under “General Requirements.”

Graduation Checks

All undergraduate students must request a graduation check from the

Office of the University Registrar, Graduation Section, A3900 University

Center. This check will be an overview of university requirements needed

for graduation. This request should be made at the time the student has

earned ninety (90) semester hours of credit or two terms prior to the

planned graduation date. Florida CLAST scores must appear on the

transcript.

Request for a graduation check of major requirements must be made to

the student’s academic dean one term prior to graduation. If a graduation

check has not been requested by the time the student reaches one-hundred

ten (110) semester hours, a stop will be placed on the student’s future

registration.

Application for Graduation

Application for a degree must be made to the Office of the University

Registrar by the date stated in the academic calendar in this General

Bulletin during the term in which the student expects to graduate. If the

student is unable to graduate at the end of the term for which application

was made and the diploma was ordered, the student must again make

application for degree no later than the deadline for the next term in which

the student expects to graduate. The student must also bear the expense

of the second diploma request.

The Bachelor of Arts Degree

The bachelor of arts (BA) degree requires all the general criteria listed

at the beginning of this section, and

1. Completion of a classical or modern foreign language through the

   2000 level (2200 or equivalent course); and

2. Nine (9) semester hours in the fields of humanities and history,

   in addition to the liberal studies and the foreign language
requirement. Courses may be selected from the following schools, colleges and departments: College of Visual Arts, Theatre and Dance; College of Music; College of Communication (not including work in communication disorders), and the departments of Classical Languages, Literature, and Civilization; English; History; Modern Languages and Linguistics; Philosophy; or Religion in the College of Arts and Sciences.

Second Baccalaureates and Second Majors

Students should note that there is a difference between a second major and a second baccalaureate degree.

Students may receive a second baccalaureate degree provided that 1) the requirements for each major/minor as well as individual college or school requirements for both the first and the second degrees are satisfied; and 2) thirty (30) semester hours in residence are completed, in addition to the hours required for the first degree. The additional thirty (30) semester hours must be completed in residence after the completion of the first degree. Hours earned by the student during the completion of the first baccalaureate degree, over and above those extra credit hours actually required for the first degree, may not be included in the thirty (30) semester hours. There are no liberal studies or Florida CLAST requirements for the second degree.

To obtain a second major, one must meet all requirements of the college or school of the primary major but only the major requirements of the secondary major. For information about the second major see “Second Majors and Academic Regulations” in the “Academic Regulations and Procedures” chapter of this General Bulletin.

Degrees of Distinction

Three degrees of distinction are granted to graduating students based on all college-level work attempted (excluding physical education activity courses) and including the term’s work in which baccalaureate degree requirements are completed:

- Cum Laude for an overall average of 3.500;
- Magna Cum Laude for an overall average of 3.700; and
- Summa Cum Laude for an overall average of 3.900.

Degrees with distinction are granted to transfer students who meet all three of the following requirements:
1. The student must complete at this University at least forty (40) semester hours of graded work, including the final term’s work;
2. The student must have the required average on all work taken at this University; and
3. The student must have the required overall average on all work attempted, including any transfer credit excluding any physical education activity courses or vocational courses, regardless of how many years have elapsed since the credit was earned. Transfer credit cannot raise a student’s Florida State University grade point average.

Graduation “With Honors”

Students who complete and successfully defend an upper-division honors thesis or equivalent honors projects (as defined by individual departments offering honors in the major) will graduate with the designation “With Honors.” Students may graduate with one of the three degrees of distinction described above and “With Honors.” The “University Honors Program and Honor Societies” chapter of this General Bulletin fully describes the Honors in the Major Program.

American Sign Language as a Foreign Language

Students pursuing the Bachelor of Arts degree may substitute American Sign Language through SPA 2614C for the foreign language requirement, except where a particular foreign language(s) has been specified by a college, school, or program for a specific degree.
ACADEMIC REGULATIONS AND PROCEDURES, CREDIT AND CREDIT LIMITATIONS

Academic Honor Policy

The statement on Values and Moral Standards at FSU says: “The moral norm which guides conduct and informs policy at Florida State University is responsible freedom. Freedom is an important experience which the University, one of the freest of institutions, provides for all of its citizens – faculty, students, administrators, and staff. Freedom is responsibly exercised when it is directed by ethical standards.” (Values and moral standards at FSU retrieved from the current General Bulletin located at http://registrar.fsu.edu/)

The statement also addresses academic integrity: “The University aspires to excellence in its core activities of teaching, research, creative expression, and public service and is committed to the integrity of the academic process. The [Academic Honor Policy] is a specific manifestation of this commitment. Truthfulness in one’s claims and representations and honesty in one’s activities are essential in life and vocation, and the realization of truthfulness and honesty is an intrinsic part of the educational process.” (Values and moral standards at FSU retrieved from the current General Bulletin located at http://registrar.fsu.edu/)

Guided by these principles, this Academic Honor Policy outlines the University’s expectations for students’ academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty throughout the process.

FSU Academic Honor Pledge

I affirm my commitment to the concept of responsible freedom. I will be honest and truthful and will strive for personal and institutional integrity at Florida State University. I will abide by the Academic Honor Policy at all times.

Academic Honor Violations

Note: Instructors are responsible for reinforcing the importance of the Academic Honor Policy in their courses and for clarifying their expectations regarding collaboration and multiple submission of academic work. Examples have been provided for the purpose of illustration and are not intended to be all-inclusive.

1. Plagiarism. Intentionally presenting the work of another as one’s own (i.e., without proper acknowledgement of the source). Typical Examples Include: Using another’s work from print, web, or other sources without acknowledging the source; quoting from a source without citation; using facts, figures, graphs, charts or information without acknowledgement of the source.

2. Cheating. Improper application of any information or material that is used in evaluating academic work. Typical Examples Include: Copying from another student’s paper or receiving unauthorized assistance during a quiz, test or examination; using books, notes or other devices (e.g., calculators, cell phones, or computers) when these are not authorized; procuring without authorization a copy of or information about an examination before the scheduled exercise; unauthorized collaboration on exams.

3. Unauthorized Group Work. Unauthorized collaborating with others. Typical Examples Include: Working with another person or persons on any activity that is intended to be individual work, where such collaboration has not been specifically authorized by the instructor.

4. Fabrication, Falsification, and Misrepresentation. Intentional and unauthorized altering or inventing of any information or citation that is used in assessing academic work. Typical Examples Include: Inventing or counterfeiting data or information; falsely citing the source of information; altering the record of or reporting false information about practicum or clinical experiences; altering grade reports or other academic records; submitting a false excuse for absence or tardiness in a scheduled academic exercise; lying to an instructor to increase a grade.

5. Multiple Submission. Submitting the same academic work (including oral presentations) for credit more than once without instructor permission. It is each instructor’s responsibility to make expectations regarding incorporation of existing academic work into new assignments clear to the student in writing by the time assignments are given. Typical Examples Include: Submitting the same paper for credit in two courses without instructor permission; making minor revisions in a credited paper or report (including oral presentations) and submitting it again as if it were new work.

6. Abuse of Academic Materials. Intentionally damaging, destroying, stealing, or making unaccessible library or other academic resource material. Typical Examples Include: Stealing or destroying library or reference materials needed for common academic purposes; hiding resource materials so others may not use them; destroying computer programs or files needed in academic work; stealing, altering, or intentionally damaging another student’s notes or laboratory experiments. (This refers only to abuse as related to an academic issue.)

7. Complicity in Academic Dishonesty. Intentionally helping another to commit an act of academic dishonesty. Typical Examples Include: Knowingly allowing another to copy from one’s paper during an examination or test; distributing test questions or substantive information about the material to be tested before a scheduled exercise; deliberately furnishing false information.

8. Attempting to commit any offense as outlined above.

Student Rights

Students have the following important due process rights, which may have an impact on the appellate process:

1. To be informed of all alleged violation(s), receive the complaint in writing (except in a Step 1 agreement, described in the Procedures Section, where the signed agreement serves as notice) and be given access to all relevant materials pertaining to the case; and

2. To receive an impartial hearing in a timely manner where they will be given a full opportunity to present information pertaining to the case.

Students are also accorded the following prerogatives:

1. When possible, to discuss the allegations with the instructor;

2. Privacy, confidentiality, and personal security;

3. To have others present;

4. To be assisted by an advisor who may accompany the student throughout the process but may not speak on the student’s behalf;

5. To choose not to answer any question that might be incriminating;

6. To contest the sanctions of a first-level agreement and to appeal both the decision and sanctions of an Academic Honor Hearing.

The student has the right to continue in the course in question during the entire process. Once a student has received notice that he/she is being charged with an alleged violation of the Academic Honor Policy, the student is not permitted to withdraw or drop the course unless the final outcome of the process dictates that no academic penalty will be imposed. Should no final determination be made before the end of the term, the grade of “Incomplete” will be assigned until a decision is made.

Students should contact the Dean of Students Department for further information regarding their rights.

Procedures for Resolving Cases

Step 1. Throughout the Step 1 process, the instructor has the responsibility to address academic honor allegations in a timely manner, and the student has the responsibility to respond to those allegations in a timely manner. For assistance with the Academic Honor Policy, students should consult the Dean of Students Department and instructors should consult the Office of the Dean of the Faculties.

If a student observes a violation of the Academic Honor Policy, he or she should report the incident to the instructor of the course. When an instructor believes that a student has violated the Academic Honor Policy in one of the instructor’s classes, the instructor must first contact the Office of the Dean of the Faculties to report the alleged violation to determine whether to proceed
with a Step 1 agreement. The instructor must also inform the department chair or dean. (Teaching assistants must seek guidance from their supervising faculty member.) However, faculty members or others who do not have administrative authority for enforcing the Academic Integrity Policy should not be informed of the allegation, unless they have established a legitimate need to know. If pursuing a Step 1 agreement is determined to be possible, the instructor shall discuss the evidence of academic dishonesty with the student and explore the possibility of a Step 1 agreement. Four possible outcomes of this discussion may occur:

1. If the charge appears unsubstantiated, the instructor will drop the charge, and all documents created in investigating the allegation will be destroyed. The instructor should make this decision using the “preponderance of the evidence” standard and should inform the Office of the Dean of the Faculties.

2. The student may accept responsibility for the violation and accept the academic penalty proposed by the instructor. In this case, any agreement involving an academic penalty must be put in writing and signed by both parties on the “Academic Honor Policy Step 1 Agreement” form, which must then be sent to the Dean of Students Department. This agreement becomes a confidential student record of academic dishonesty and will be removed from the student’s file five years from the date of the final decision in the case.

3. The student may accept responsibility for the violation, but contest the proposed academic sanction. In this circumstance, the student must submit the “Academic Honor Policy Referral to Contest Sanction” form along with supporting documentation to the Office of the Dean of the Faculties. The Dean of the Faculties or designee will review the submitted documentation to determine whether the instructor has imposed a sanction that is disproportionate to the offense. The Dean of the Faculties may affirm or modify the sanction as appropriate. The decision that results from this review is final.

4. The student may deny responsibility. In this circumstance, the instructor submits the “Academic Honor Policy Hearing Referral” form along with supporting documentation to the Dean of the Faculties Office for an Academic Honor Policy Hearing. The student is issued a letter detailing the charges within ten class days of the receipt of the referral, and the schedule for the hearing will be set as soon as possible and within 90 days from the date of the letter. These timelines may be modified in unusual circumstances. Unless all parties agree, the hearing will not be held any sooner than 7 class days from the student’s receipt of the charge letter. The process then proceeds to Step 2.

If the student is found to have a prior record of academic dishonesty or the serious nature of the allegations merits a formal hearing, the instructor must refer the matter to Step 2 for an Academic Honor Policy Hearing by submitting the “Academic Honor Policy Hearing Referral” form to the Office of the Dean of the Faculties.

**Sanctions**

**Step 1.** This Step 1 procedure is implemented with first-offense allegations that do not involve egregious violations. The decision regarding whether an allegation is egregious is made by the Dean of the Faculties or designee and the instructor. The criteria used by the instructor to determine the proposed academic penalty should include the seriousness and the frequency of the alleged violation. The following sanctions are available in the Step 1 procedure:

1. Additional academic work;
2. A reduced grade (including “0” or “F”) for the assignment;
3. A reduced grade (including “F”) for the course.

**Step 2.** An Academic Honor Policy Hearing is held for all second offenses, for all first offenses that involve egregious violations of the Academic Honor Policy, for all offenses that involve simultaneous violations of the Student Conduct Code, and in all cases where the student denies responsibility for the alleged violation. The decision regarding whether an allegation is egregious is made by the Dean of the Faculties or designee and the instructor. In some cases, a Step 1 sanction may have been appropriately proposed prior to the convening of an Academic Honor Policy Hearing. If the student is found responsible in these cases, the panel typically will impose a sanction no more severe than that which was proposed by the faculty member. The panel is required to provide a clear written justification for imposing a sanction more severe than the sanction proposed in Step 1.

The chair of the Academic Honor Policy hearing panel will report the decision to the student, the instructor, and the Dean of Students Department. The Dean of Students Department will report the decision to the University Registrar, if appropriate. If the student is found “responsible,” this outcome will be recorded with the Dean of Students Department and becomes a confidential student record of an Academic Honor Policy violation. Records in which suspension or a less severe sanction (including all academic sanctions) is imposed will be removed five years from the date of the final decision in the case. Records involving dismissal and expulsion will be retained permanently, except in cases where a dismissed student is readmitted. Those records will be removed five years from the date of the student’s readmission.

The hearing will be conducted in a non-adversarial manner with a clear focus on finding the facts within the academic context of the course. The student is presumed innocent going into the proceeding. After hearing all available and relevant information, the panel determines whether or not to find the student responsible for the alleged violation using the “preponderance of the evidence” standard. If the student is found responsible for the violation, the panel is informed about any prior record of academic honor policy violations and determines an academic sanction (and disciplinary sanction, if appropriate). In some cases, a Step 1 sanction may have been appropriately proposed prior to the convening of an Academic Honor Hearing. If the student is found responsible in these cases, the panel typically will impose a sanction no more severe than that which was proposed by the faculty member. The panel is required to provide a clear written justification for imposing a sanction more severe than the sanction proposed in Step 1.

The chair of the Academic Honor Policy hearing panel will report the decision to the student, the instructor, and the Dean of Students Department. The Dean of Students Department will report the decision to the University Registrar, if appropriate. If the student is found “responsible,” this outcome will be recorded with the Dean of Students Department and becomes a confidential student record of an Academic Honor Policy violation. Records in which suspension or a less severe sanction (including all academic sanctions) is imposed will be removed five years from the date of the final decision in the case. Records involving dismissal and expulsion will be retained permanently, except in cases where a dismissed student is readmitted. Those records will be removed five years from the date of the student’s readmission.

The process then proceeds to Step 2.

If the student is found responsible in these cases, the panel typically will impose a sanction no more severe than that which was proposed by the faculty member. The panel is required to provide a clear written justification for imposing a sanction more severe than the sanction proposed in Step 1. Students will not be penalized solely for exercising their right to request a Step 2 hearing. The following sanctions are available in Step 2 (see the Procedures section) and may be imposed singly or in combination:

1. Additional academic work;
2. A reduced grade (including “0” or “F”) for the assignment;
3. A reduced grade (including “F”) for the course.
4. Reprimand (written or verbal);
5. Educational Activities – attendance at educational programs, interviews with appropriate officials, planning and implementing educational programs, or other educational activities. Fees may be charged to cover the cost of educational activities;
6. Restitution;
7. Conduct Probation – a period of time during which any further violation of the Academic Honor Policy may result in more serious sanctions being imposed. Some of the restrictions that may be placed on the student during the probationary period include, but are not limited to: participation in student activities or representation of the University on athletic teams or in other leadership positions;
8. Disciplinary Probation – a period of time during which any further violation of the Academic Honor Policy puts the student’s status with the University in jeopardy. If the student is found “responsible” for another violation during the period of Disciplinary Probation, serious consideration will be given to imposing a sanction of Suspension, Dismissal, or Expulsion. The restrictions that may be placed on the student during this time period are the same as those under Conduct Probation;

9. Suspension – Separation from the University for a specified period, not to exceed two years;

10. Dismissal – Separation from the University for an indefinite period of time. Readmission is possible but not guaranteed and will only be considered after two years from the effective date of the dismissal, based on meeting all admission criteria and obtaining clearance from the Dean of Students or designee;

11. Expulsion – Separation from the University without the possibility of readmission;

12. Withholding of diplomas, transcripts, or other records for a specified period of time; and/or

13. Revocation of degree, in cases where an egregious offense is discovered after graduation.

Appeals

Decisions of the Academic Honor Policy Hearing Panel may be appealed to the Academic Honor Policy Appeal Committee, a standing four-member committee composed of two faculty appointed by the President and two students appointed by the Vice President for Student Affairs. The chair will be appointed annually by the President, and members will serve two-year renewable terms. In case of a tie vote regarding a case, the committee will submit a written report to the Provost, who will then make the final determination.

On appeal, the burden of proof shifts to the student to prove that an error has occurred. The only recognized grounds for appeal are:
1. Due process errors involving violations of a student’s rights that substantially affected the outcome of the initial hearing;
2. Demonstrated prejudice against the charged student by any panel member. Such prejudice must be evidenced by a conflict of interest, bias, pressure, or influence that precluded a fair and impartial hearing;
3. New information that was not available at the time of the original hearing;
4. A sanction that is extraordinarily disproportionate to the offense committed; or
5. The preponderance of the evidence presented at the hearing does not support a finding of responsible. Appeals based on this consideration will be limited to a review of the record of the initial hearing.

The procedures followed during the appeals process are:
1. The student should file a written letter of appeal to the Office of the Dean of the Faculties within 10 class days after being notified of the Academic Honor Policy Hearing Panel decision. This letter should outline the grounds for the appeal (see 1–5 above) and should provide supporting facts and relevant documentation.
2. The Academic Honor Policy Appeal Committee will review this letter of appeal and will hear the student and any witnesses called by the student, except in appeals based on consideration #5 above. The committee may also gather any additional information it deems necessary to make a determination in the case.
3. The Appeals Committee may affirm, modify, or reverse the initial panel decision, or it may order a new hearing to be held. This decision becomes final agency action when it is approved by the Provost. In cases where the student is found responsible, the decision becomes a confidential student record of academic dishonesty.
4. Appellate decisions are communicated in writing to the student, the instructor, the Office of the Dean of the Faculties, and the Dean of Students Department within 30 class days of the appellate hearing.

Academic Honor Policy Committee

An Academic Honor Policy Committee shall be appointed by the University President. The Committee will include: three faculty members, selected from a list of six names provided by the Faculty Senate Steering Committee and three students, selected from a list of six names provided by the Student Senate. The Dean of the Faculties or designee and the Dean of Students or designee shall serve ex officio. Faculty members will serve three-year staggered terms, and students will serve one-year terms. The committee will meet at least once a semester. It will monitor the operation and effectiveness of the Academic Honor Policy, work with the Faculty Senate and the Student Senate to educate all members of the community regarding academic integrity, and make recommendations for changes to the policy.

Amendment Procedures

Amendments to the Academic Honor Policy may be initiated by the Academic Honor Policy Committee, the Faculty Senate, the Student Senate, and/or the Vice President for Academic Affairs. Amendments to the policy must be approved by both the Faculty Senate and the Student Senate. General Academic Appeals Process
The Florida State University

Grievance Procedure
Students who allege that academic regulations and procedures have been improperly applied in specific instances may have their grievances addressed through the general academic appeals process. In this process, the student brings a complaint first to the instructor, then to the department chair, and finally to the academic dean appropriate to the course involved, stopping at the level at which the complaint is resolved. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculties for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. A graduate student whose complaint is unresolved must see the Dean of Graduate Studies prior to meeting with the Dean of the Faculties. The Student Academic Relations Committee has the authority to direct, through the Vice President for Academic Affairs, that corrective action be taken when justified.

Grievance Procedure: Panama City Campus
Students who allege that academic regulations and procedures have been improperly applied in specific instances may have their grievances addressed through the general academic appeals process. In this process, the student brings a complaint first to the instructor, then to the Panama City Associate Dean, and then to the Panama City Dean, stopping at the level at which the complaint is resolved. If no resolution is reached in Panama City, then the student will go to the department chair, and finally to the academic dean appropriate to the course involved, stopping at the level at which the complaint is resolved. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculties for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. A graduate student whose complaint is unresolved must see the Dean of Graduate Studies prior to meeting with the Dean of the Faculties. The Student Academic Relations Committee has the authority to direct, through the Vice President for Academic Affairs, that corrective action be taken when justified.

University Ombudsperson
The Office of the University Ombudsperson provides students of the University community an avenue for confidential exploration of decisions regarding academic issues. Once all other appropriate mechanisms have been exhausted, students may present their case to the University Ombudsperson. The ombudsperson is a neutral facilitator and will assist students with any academic problem or grievance that may arise during their interaction with the University. While he/she may be an instrument for change, the ombudsperson does not resolve issues by any direct use of authority or power, but rather requests a reexamination of the problem.

Notification of Students’ Rights under FERPA
The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights are:
1. The right to inspect and review the student’s education records within 45 days of the day the University receives a request for access. Students should submit to the registrar, dean, or head of the academic department (or appropriate official) written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading. Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent. One

exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the University discloses education records without consent to officials of another school in which a student seeks or intends to enroll.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:
Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, S.W.
Washington, DC 20202-4605

Release of Student Information
The disclosure or publication of student information is governed by the policies of The Florida State University and the State of Education within the framework of state and federal laws, including the Family Educational Rights and Privacy Act of 1974.

The written consent of the student is required for the disclosure or publication of any information that is 1) personally identifiable of the student; and 2) a part of the educational record. Certain exceptions to that generality, both in types of information that can be disclosed and in access to that information, are allowed within the regulations of the Family Educational Rights and Privacy Act, as described in the following paragraphs:

A. Subject to statutory conditions and limitations, prior consent of the student is not required for disclosure of information in the educational record to (or for):
1. Officials of the University with a legitimate educational interest. A school official is defined as a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his/her professional responsibility;
2. Certain government agencies;
3. Accrediting organizations;
4. Certain financial aid matters;
5. Certain research circumstances;
6. Health and safety emergencies;
7. A Court pursuant to order or subpoena, so long as the student is notified in advance of the University’s compliance; and
8. As otherwise provided by law.

B. Subject to statutory conditions and limitations, prior consent of the student is not required for disclosure of certain types of information for:
1. Portions of the educational record for which the student has signed a waiver;
2. Portions of the educational record which are exempted by law including records of law enforcement agencies of the University; employment records of the student within the
Students must attend the section of the course for which they are registered. No instructor has the authority to permit a student to shift from one section of the course to another without following official drop/add procedures. No student may drop a course after the seventh week of classes without the permission of their academic dean.

The Director of Student Health Services does not issue excuses to students. A card indicating date and time of admission, discharge or treatment will be given to the student for presentation to the faculty member in a timely manner. Ultimately, the authority for deciding whether the student is excused for medical reasons rests with the instructor.

Students who are members of an intercollegiate team are required to attend all scheduled class meeting times or scheduled online activities associated with the course delivery. Absences due to illness, personal/family emergencies or injury must be documented. Failure to adhere to the attendance policy may result in sanctions up to and including suspension from the athletes’ sport for the remainder of the season. This policy includes required attendance and completion of all final examinations or evaluations for each class in which the athlete is registered. Student-athletes must remain in good academic standing in order to maintain eligibility during post-season games, the upcoming semester and future competitive seasons. Arranging to make up work missed because of legitimate class absence is the responsibility of the student.

Within the University there are several categories of students that are expected to exhibit behavior that conforms to the group to which they belong. These units include, but are not limited to, ROTC cadets, academic honor societies, veterans, athletes and nursing majors. Membership within these units implies that the student agrees to fulfill the obligations of the organization.

**Religious Holy Days**

Per Section 1006.53, Florida Statutes, the Florida State University policy on observance of religious holy days provides that students shall, upon notifying their instructor, be excused from class to observe a religious holy day of their faith. While students will be held responsible for the material covered in their absence, each student shall be permitted a reasonable amount of time to make up the work missed. Instructors and University administrators shall in no way arbitrarily penalize students who are absent from academic or social activities because of religious holy day observance. Students who feel that this policy has been improperly applied in specific instances may have their grievances addressed through the general academic appeals process. In this process, the student brings a complaint first to the instructor, then to the department chair, and finally to the academic dean appropriate to the course involved, stopping at the level at which the complaint is resolved. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculties for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. This committee has the authority to recommend to the Vice President for Academic Affairs, that corrective action be taken when justified. Consult the ‘General Academic Appeals Process’ section of this chapter for a complete description.

**Classification of Students**

Students are classified on the basis of semester hours earned as follows:

- **Freshman**, zero (0) through twenty-nine (29) semester hours, classification 1;
- **Sophomore**, thirty (30) semester hours, classification 2;
- **Junior**, sixty (60) semester hours, classification 3;
- **Senior**, ninety (90) semester hours, classification 4;
- **Graduate**, any student admitted to a graduate program, classification 5;
- **Special Non-Degree Seeking without Baccalaureate Degree**, classification 6;
- **Special Non-Degree Seeking with Baccalaureate Degree**, classification 7;
- **Provisional**, classification 8 (graduate students only);
- **Transient**, classification 9; and
- **High School Students**, classification 0.
Special (Non-Degree Seeking) Student Regulations

Academic rules governing regular students (e.g., fees, drop/add, withdrawal, grading policies) also apply to special students with the following exceptions:

1. Special students may enroll for fewer than twelve (12) semester hours (underload) without permission;
2. In place of the retention schedule system for regular students, special students in classification six (6) must meet the following requirements: after attempting fifteen (15) semester hours, undergraduate special students must have achieved and must maintain a 2.0 (“C”) average in all courses attempted;
3. In place of the retention schedule system for regular students, special students in classification seven (7) must meet the following requirements: after attempting twelve (12) semester hours, graduate special students must have achieved and must maintain a 3.0 (“B”) average in all courses attempted;
4. Failure to achieve or maintain the appropriate grade point average (GPA) will result in a loss of registration privilege;
5. Special students may register for any course or courses on an S/U basis. Special students selecting courses for enrichment or other reasons where grades are not essential are advised to register on an S/U basis or on an audit basis;
6. Work taken as a special student carries no degree credit. Students seeking reclassification from special student to regular student status should consult the “Admissions” chapter of this General Bulletin. Up to fifteen (15) semester credit hours earned as a special student may be applied toward an undergraduate degree with approval of the appropriate dean at the time of reclassification, or later.

Consult the “Academic Regulations and Procedures” chapter of the Graduate Bulletin for policies relating to special student status at the graduate level.

Course Loads

The Florida State University regards fourteen (14) to fifteen (15) semester hours as a normal full-time load, and a student will not be considered full-time with fewer than twelve (12) semester hours. Students should take into account the requirement to take nine (9) semester hours of credit in the summer. A student who maintains a twelve (12) semester hour (low/normal) load will not graduate in four academic years unless a total of twenty-four (24) semester hours are taken during summer sessions.

A course load of more than eighteen (18) semester hours or less than twelve (12) semester credit hours must be approved by the academic dean, and in no case may a student register for or receive credit for more than twenty-one (21) semester hours. A student on academic probation must enroll for not fewer than twelve (12) and not more than fifteen (15) semester hours. Special students are not required to obtain an underload permit.

International undergraduate students must enroll in at least twelve (12) semester hours during each of the Fall and Spring semesters to maintain legal immigration status. An international student advisor may authorize a reduced course load in certain circumstances. Students who wish to enroll in a reduced course load for a given semester must submit a request for authorization to an adviser at the International Center before the end of the drop/add period for that semester. An unauthorized reduction in course load may result in serious immigration consequences. For a complete definition of the full course of study for immigration purposes, to access the reduced course load information and request forms, please refer to http://www.internationalcenter.fsu.edu/.

See the Graduate Bulletin for policies regarding course loads for graduate students.

Undergraduate Course Examinations

Final examinations in undergraduate courses are discretionary within any given department, but all students, including graduating seniors and graduate students, enrolled in an undergraduate course having a final examination are required to take the examination. The scheduling of a final examination, or a test in lieu of a final examination, at any time other than the regularly scheduled final examination period, is a violation of University policy. A final examination may not be given during the examination period at a time other than that which appears online at http://registrar.fsu.edu.

Courses meeting every day at the same hour and classes meeting for more than one time period will hold examinations according to the time and day of the first scheduled class meeting of the week. For example, a class meeting for the first period on Tuesday and for the second period on Thursday will hold its examination at the exam time scheduled for the Tuesday first period.

Under special circumstances, exceptions to final examination policies for individual students will be given consideration by the academic dean of the school/college in which the course is taught.

Exceptions to the Examination Policy for an Individual Undergraduate Student. Approval by the academic dean of the school or college in which the course is taught is required for any change in examination time for an individual undergraduate student. The student must first receive written permission from the instructor if the instructor is willing to give a make-up examination at a specified time within the exam week. The student must then petition the dean, giving the reason for the requested exception, and supported by the instructor’s written permission. The dean will then notify the instructor in writing if approval is granted.

Make-up examinations are permitted for an undergraduate student when justified by illness, conflicting examinations, four or more examinations in a 24-hour period, or for certain emergencies. Arrangements should be made prior to the scheduled exam.

In case of conflicting examinations, group examinations take precedence over examinations scheduled by class meeting time. In the case of conflicts that cannot otherwise be resolved, the course meeting earlier by day and time takes precedence over a course meeting later.

Note: The possibility of a conflict between final exam times exists, particularly for courses that meet in the evening or only once each week. It is the student’s responsibility to identify if a conflict exists and immediately make special arrangements with the instructor to take the exam at an alternate time. Conflicts not recognized one month in advance of the scheduled exam must be resolved by using the established make-up time.
Exceptions to the Examination Policy for an Undergraduate Class. No instructor of an undergraduate course may give a final examination during the separate examination period at a time other than that which appears online at http://registrar.fsu.edu, unless the instructor has obtained prior approval from the Undergraduate Policy Committee. Such approval must be requested, in writing, at least three (3) weeks prior to the scheduled final examination. To reschedule a final examination without such approval places the instructor in jeopardy of administrative reprimand by his or her dean and the Vice President for Academic Affairs.

Grading System

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Grade Point Average

Quality points are assigned for each semester hour as listed above. In computation of the required grade point average (GPA) for retention and conferral of a degree, the total number of quality points is divided by the total number of semester hours for which letter grades are received.

All regulations tied to a specific grade average should be interpreted to mean the numerical average associated with that specific grade. Hence, the required “C” average or better” on all liberal studies courses is interpreted as “2.0” average or better.

Students may repeat courses in which they received a grade of “D” or “F.” Both the original and repeat grades will be used in the computation of GPA but credit for only one attempt will apply toward graduation.

A student will not be allowed additional credit and/or quality points for a course repeated in which the student originally made a “C–” or better unless the course is specifically designated as repeatable to allow additional credit. If a course listing is followed by a “r” it may be repeated, regardless of grade received, for the number of times or hours stated.

Dean’s List

Undergraduate students who are registered for at least twelve (12) semester hours of letter-grade (A–F) courses are eligible for the dean’s list. The required grade point average is 3.50, in all colleges and schools, for any given term.

President’s List

Undergraduate students who are registered for at least twelve (12) semester hours of letter grade (A–F) courses are eligible for the president’s list. The required grade point average is 4.0, in all colleges and schools, for any given term.

Satisfactory/Unsatisfactory Grading

A. Undergraduate Courses Approved on a Letter-Grade Basis

To encourage liberal education and focus on learning, the University permits limited enrollment in elective courses outside the major, minor, and liberal studies areas on a satisfactory/unsatisfactory basis; the student must have at least second-semester freshman standing and at least a 2.5 grade point average. S/U permit forms must be obtained from and eligibility certified by the Office of the University Registrar by the end of the fourth week of classes. No undergraduate courses in the College of Business are offered under this option.

With the exception of courses in the College of Business, a course outside a student’s major, minor, and liberal studies areas normally approved for letter grades, may be elected on the S/U basis and, if completed with an “S” grade, will count toward the minimum semester hours credit required for graduation and upper-division distribution but will not be included in the grade point average. The course grade will be recorded officially as satisfactory (“S”) or unsatisfactory (“U”). Registration on an S/U basis is limited to one elective course per term (exclusive of physical education activity courses) and to a maximum total of eighteen (18) semester hours. (See exceptions under section B below.)

In addition to the one elective course, a student may elect to take concurrently a physical education course to be graded on the S/U basis by obtaining proper approvals prior to registration.

Students will be allowed seven weeks to decide whether or not they want to take a course on a satisfactory/unsatisfactory basis. They may change to S/U from a letter grade at any time before the end of the seventh week of the term. Courses initially elected on the S/U basis may be changed back to a letter-grade basis until the end of the seventh week of the term.

Approval forms are available in the Office of the University Registrar.

B. Courses Approved on an S/U Basis

Certain other courses that are approved for S/U grades exclusively (practicum, internship, laboratory, student teaching, individual work, research) may be applied toward the major or minor. There is no student option for courses approved on the S/U basis; all students must be graded officially as satisfactory (“S”) or unsatisfactory (“U”). Registration on an S/U basis is limited to one elective course per term (exclusive of physical education activity courses) and to a maximum total of eighteen (18) semester hours. (See exceptions under section B below.)

In addition to the one elective course, a student may elect to take concurrently a physical education course to be graded on the S/U basis by obtaining proper approvals prior to registration.

Students will be allowed seven weeks to decide whether or not they want to take a course on a satisfactory/unsatisfactory basis. They may change to S/U from a letter grade at any time before the end of the seventh week of the term. Courses initially elected on the S/U basis may be changed back to a letter-grade basis until the end of the seventh week of the term.

Approval forms are available in the Office of the University Registrar.

C. Graduate Students

Policies and procedures for satisfactory/unsatisfactory grades for graduate students are explained in the Graduate Bulletin.

Grading Practices

At the end of each term, a report of each student’s grades is made available via the Florida State University student access system and the FSyou! Web site. Grades may be obtained by dialing (850) 644-8888 and selecting option 2 followed by the student’s social security number and four-digit registration PIN, or by accessing the Web site at http://www.ais.fsu.edu/ais/applications/student.

Grades earned at another institution cannot be used to improve a grade point average or eliminate a quality point deficiency at The Florida State University.
A student who is passing a course but has not completed all of the required work in the course at the end of the term may, in exceptional cases and with the permission of the instructor, be assigned a grade of “I.” This may include excused absences from final examinations. Grades of “I” are not assigned to any courses if a student withdraws from the University. Unless the instructor notifies the Office of the University Registrar of an extension in time, an “I” or an “NG” not removed by the end of the next term in which the student is enrolled will be recorded as “IE” or “GE;” both “IE” and “GE” are computed as an “F” in the student’s overall GPA. An “I” will be changed to a final grade at the time the student completes the required work. Students may not re-register for courses in which an incomplete grade (“I”) or no grade (“NG”) is pending. If they do so, the original “I” or “NG” will automatically be changed to “F.” This “F” grade is not repeatable under the forgiveness policy and is so indicated on the student’s permanent record. A grade of “I” or “NG” in a course that is approved for “S” or “U” grades only which is not removed by the end of the next term in which the student is enrolled will automatically become “U,” unless the instructor notifies the Office of the University Registrar that there is to be an extension of time.

Once a final grade in a course has been reported by the instructor to the Office of the University Registrar, it cannot be changed by the instructor except in cases of error in recording. A change in a grade may be made only by permission of the department head and the dean of the college or school.

**Grade Appeals System**

The purpose of the grade appeals system is to afford an opportunity for an undergraduate or graduate student to appeal a final course grade under certain circumstances. Faculty judgment of students’ academic performance is inherent in the grading process and hence should not be overturned except when the student can show that the grade awarded represents a gross violation of the instructor’s own specified evaluation (grading) statement and therefore was awarded in an arbitrary, capricious, or discriminatory manner. The evaluation (grading) statement utilized during the grade appeals process is the one contained in the instructor’s syllabus for the beginning of the semester. This system does not apply to preliminary or comprehensive exams or to thesis or dissertation defenses; these issues are reviewed by the Student Academic Relations Committee via the Dean of the Faculties.

**Step 1.** Within 30 calendar days following the date that final grades are made available to students, the student must contact the instructor in question to discuss the grade and attempt to resolve any differences. The student should document any attempts to contact the instructor in order to establish that the appeal was begun within this 30-day period. In the event that the instructor is not available, the student should provide that documentation to the instructor’s program or department chair. It is expected that the student will first attempt to resolve the grade dispute with the instructor; however, either the student or the instructor may consult with the appropriate program or department chair during this process.

**Step 2.** If no resolution is reached within this 30-day period, after the student’s documented attempt, the student has an additional 15 calendar days to submit a written statement to the program or department chair. This statement must include an account of attempts to resolve the issue, as well as the evidence that forms the basis for the appeal.

Within 20 calendar days thereafter, the department or program chair will arrange for a meeting of a grade appeals screening committee composed of three students enrolled in the academic unit offering the course to review the appeal. Appropriate students who have no conflict of interest will be chosen to serve on this screening committee by a student organization associated with the program or department, if such an organization exists. If none exists or if members of such an organization are not available, the department or program chair will select appropriate students who have no conflict of interest. Both the student and the instructor may attend the meeting.

The role of the screening committee is solely to determine whether the student has presented sufficient evidence to warrant further review. Within five calendar days after this meeting, the screening committee will render its decision in writing (recommend/do not recommend further review) to the program or department chair, the student, and the instructor. A negative decision will end the appeal. A positive decision will trigger the next step in the process.

**Step 3.** Within 20 calendar days of a positive decision from the grade appeals screening committee, the program or department chair will appoint and arrange for a meeting of a grade appeals board. This board is composed of three faculty members and two students other than those who served on the screening committee. The purpose of this board is to determine whether or not to uphold the final grade assigned by the instructor. The board will consider only the evidence provided by the student and the instructor in making the determination. Both the student and the instructor may attend the meeting.

The grade will be upheld unless the evidence shows that the grade was awarded in an arbitrary, capricious, or discriminatory manner, as a result of a gross violation of the instructor’s own evaluation (grading) statement. If the original grade is not upheld, the board will recommend that an alternative grade be assigned by the program or department chair.

If the student has evidence that this grade appeals process has deviated substantially from these established procedures, resulting in a biased decision, the student may consult with the Dean of the Faculties regarding referral to the Student Academic Relations Committee.

**Forgiveness Policy**

Effective Fall 2004, The Florida State University has discontinued the forgiveness policy for all students. Please refer to the “Drop/Add Change of Schedule” section in the “Office of The University Registrar” chapter of this General Bulletin for additional information.

**Academic Retention**

All students must demonstrate satisfactory academic progress for retention and continued enrollment at The Florida State University. **Satisfactory Academic Progress** includes, but is not limited to, successful completion of credit hours and progression toward completing a degree. The University reserves the right not to retain students who do not demonstrate satisfactory academic progress.

Students should obtain from their academic dean or from the Office of the University Registrar a Retention Table indicating the necessary grade point average (GPA) on all course work taken at The Florida State University required for retention at the University. The Retention Table takes into consideration the number of semester hours the student has attempted and indicates the quality point deficiency which will place the student on academic warning, academic probation, or academic dismissal.

A minimum Florida State University GPA of 2.0 (“C”) or better and an overall 2.0 GPA on all college-level work attempted is required for graduation. “College-level work” is interpreted to mean course work attempted for credit at the college level, not to include vocational, technical, or other courses not applicable toward a degree. Students should maintain at least this minimum at all times to be in good standing. To be retained in the University, a student must achieve an overall Florida State University average at the end of each term which, in the judgment of the University, is sufficiently near 2.0 to permit reaching the 2.0 average by the beginning of the junior year.

**Warning**

As an aid to students in the Division of Undergraduate Studies and lower-division music, dance, and bachelor of fine arts (BFA) in theatre studies (freshmen and sophomores), an “academic warning” will be included with grade reports at the end of the term if the cumulative average has fallen below 2.0 but not low enough to place the student on academic probation. A student will be dismissed if the student’s average falls within the dismissal range after a term of academic warning.

**Probation**

When any student’s grade point average (GPA) falls within the probation range, the student will be placed on academic probation for one term. A student on probation must enroll for not less than twelve (12) and not more than fifteen (15) semester hours during the probationary term. If the student fails to remove the probationary status by the end of the term, the student will be dismissed.
Students whose averages were 2.0 or better, but whose averages within one term fall within the dismissal range, will be placed on probation for one term instead of receiving immediate academic dismissal.

Students on academic probation who elect to enroll in a Florida public postsecondary institution (or in an accredited institution within or outside the state) and who receive an associate in arts degree with an overall 2.0 average must contact the probationary status and their previous Florida State University average removed upon application for readmission, and will be guaranteed a maximum of sixty (60) semester hours.

**Dismissal**

The dismissed student must consult the student’s academic dean about criteria governing possible readmission to the University. Students dismissed because of low grade point averages (GPA) may be readmitted by: 1) achieving the required minimum average through correspondence courses offered by the State of Florida, Division of Colleges and Universities; 2) attending and graduating with an associate in arts degree from a Florida public postsecondary institution (or an accredited institution within or outside the state) with an overall college average of 2.0 or higher; or 3) extraordinary approval of the academic dean. In the latter case, if the student fails to achieve the required GPA for unconditional retention during the first term of reenrollment, the student will again be dismissed. Students are not eligible for readmission after two dismissals.

Under option 2, students are guaranteed a maximum of sixty (60) semester hours and their Florida State University grade point average will start over upon readmission.

Grades earned at another institution cannot be used to improve The Florida State University GPA. A student cannot raise the GPA by taking courses at another institution after receiving the associate in arts (AA) degree.

Credit hours earned during any period of dismissal cannot be applied to the minimum one hundred twenty (120) semester hours required for graduation. The only exception made to this provision is for credits earned under option 2 above.

All students who enter The Florida State University are assured retention for their second term. Students may, however, be placed on academic probation at the end of the first enrolled term.

Graduate students should refer to ‘Suspension and Dismissal’ in the “Academic Regulations and Procedures” chapter of the Graduate Bulletin.

**Readmission**

Please refer to the “Admissions” chapter in this General Bulletin for readmission policies for returning students.

**Withdrawal From the University**

All students who wish to leave the University during a term must formally withdraw. Dropping all classes does not constitute formal withdrawal. Students who do not attend classes and fail to withdraw will be assigned grades of “F” for each course. Withdrawals are initiated in the withdrawal services section of the Office of the Dean of Students in the University Center.

The statement “Withdrawn from the University” will appear on the transcripts of students who properly withdraw within the first seven weeks of class. After that date, depending on the quality of work at the time of withdrawal, grades of “W” or “F” will be assigned by instructors and placed on the student’s transcript with the withdrawal statement. Under unusual circumstances and upon recommendation of the appropriate academic dean, a student withdrawing from the University may receive “WD” grades in all courses taken that term.

Students who cancel their enrollment during the first five days of classes for a term are not held liable for tuition and registration fees. Those who have paid are eligible for a full refund. Students who withdraw after the first five days of classes but prior to the end of the fourth week of classes are eligible for a twenty-five percent (25%) refund of tuition and registration fees, less the building and capital improvement fees; this deadline is adjusted for shorter summer terms. Students who withdraw after this deadline are fully liable for fees and are not eligible for a refund, except as provided in policies set forth by the State Board of Education and The Florida State University. Students who receive Title IV funds and who decide to withdraw from the University may be required to repay some or all of the funds received.

A student wishing to re-enter the University for the following two semesters after withdrawal must have the approval of their academic dean on the ‘Application for Withdrawal and Reentry’ form. For degree-seeking students wishing to re-enter the University after two semesters, an application for readmission must be submitted to the Office of Admissions; special students must complete the original application process. Formal application must be made to the Office of Admissions by the published deadline (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines).

International students who wish to withdraw must request and receive prior authorization from an International Center advisor. In addition, international students should submit the SEVIS Update Form, available at http://www.internationalcenter.fsu.edu/sevis.

For further information on refunds, see the ‘Refunds of Fees’ section in the “Financial Information” chapter of this General Bulletin.

**Readmission After Multiple Withdrawals**

When a student has withdrawn from the University three (3) or more times, subsequent readmission will first be considered by a committee whose charge is to assess the student’s capability of making satisfactory progress toward degree. This committee, appointed by the Council of Associate and Assistant Deans, will then make a recommendation to the dean of the student’s college who will make the final decision.

**Medical Withdrawal**

When a student has been granted more than one medical withdrawal, the Medical Withdrawal Committee will send a letter to the student noting that further withdrawal requests may not be considered. The student is requested to evaluate with his or her medical provider the number of hours he or she is capable of handling prior to registration.

**FACTS Information**

A new service is now available to all current and prospective students of higher education in the state of Florida, the FACTS (Florida Academic Counseling and Tracking for Students) Web site. By logging on at http://www.facts.org you can perform a variety of tasks, including the following:

- View a map indicating the location of every participating college or university;
- Search course catalogs from all public and many private Florida colleges and universities, as well as all state community colleges;
- Apply to more than one university or college by entering your data just one time;
- Get questions answered about financial aid;
- Plan your course of study, compare majors and degree requirements;
- Get a copy of your unofficial transcript;
- Investigate career options through your institution’s career center, or;
- Find out general information about every participating college or university in the program.

**Second Majors and Academic Regulations**

Students pursuing a second major should be aware that the primary major only determines the selection of the student’s academic dean for the purposes of academic regulations at The Florida State University. That is, rules regarding student dismissal, reinstatement, and all general academic qualifications at the University are governed and enforced by the primary major and that major’s corresponding academic dean. Conflicts between primary and secondary major policies shall in all cases be resolved in favor of the primary major. Second major academic deans shall only be concerned with the student’s completion of all requirements, pre-requisites, etc., for that second major.

**Correspondence Study**

All correspondence instruction for the State of Florida, Division of Colleges and Universities, is administered through the University of Florida’s Division of Continuing Education, Department of Independent Study by Correspondence.

College credit, high school credit, and continuing professional education courses are available anytime, anywhere through regular mail and fax (some by e-mail). Independent Study offers more than 150 courses...
to students who would like either a flexible schedule or an opportunity to take extra classes. It is possible to enroll any time during the year.

Regularly enrolled students may not engage in correspondence study while in residence at the University. Students who expect to take correspondence courses during a break in residence should discuss these plans with their faculty advisor and then obtain written approval from their academic deans.

Correspondence courses may be taken while a student is ineligible to return to the University for academic reasons, but such courses may not be counted toward an undergraduate degree.


Any teacher in the State of Florida can now use credit correspondence courses, as appropriate, to apply toward the recertification of their teaching licenses. Moreover, there is no limit to the number of courses that may fulfill the requirements.

The current catalog details enrollment procedures, fees, and course information. Call or write now for your free copy: University of Florida, Department of Independent Study, Division of Continuing Education, Suite D, 2209 NW 13th Street, Gainesville, FL 32609; (352) 392-1710 Ext. 200; or e-mail: Learn@nervm.nerd.ufl.edu. Additional information can be found at their home page: http://www.correspondencestudy.ufl.edu. Catalogs can also be picked up at The Florida State University’s Center for Professional Development or from the student’s academic dean.

Experimental Undergraduate Programs

The Undergraduate Policy Committee is empowered to authorize substitution of experimental courses or programs for any University-wide academic requirements, provided that:

1. No substitution continues for more than 18 months without full senate approval;
2. No student be enrolled in such an experimental program without the student’s prior knowledge and consent; and
3. No requirement that a student has met by means of such an experimental program be affected, for that student, by subsequent decisions about the permanent status of the program in question, and that the undergraduate policy committee and the Office of the University Registrar be empowered to institute appropriate means for designating and recording the use of such programs on individual students’ records.

Transfer Credit

Transfer credit is normally allowed for courses completed at or through other regionally accredited institutions of higher learning. No credit, however, is allowed for college-level work completed beyond the twelfth grade, or for course work completed with grades below “D–,” and only up to six (6) semester hours of technical or vocational credit may be approved by the baccalaureate academic dean toward the baccalaureate degree. Associate in arts (AA) degree recipients from Florida public institutions are guaranteed acceptance of at least sixty (60) semester hours of college credit toward the baccalaureate degree. The University does not accept experiential learning, or award credit for experiential learning. Transfer credit based on experiential learning from another institution will not be accepted.

Credit earned from Florida public institutions will be evaluated on the basis of the Common Course Numbering System. Those courses judged equivalent will be accepted for transfer credit. Courses are judged equivalent when the prefix and the last three numerical digits of the course number are the same. Thus, THE 1234 taken at one institution is equivalent to THE 3234 at another institution. Courses not judged equivalent may be accepted for transfer credit at the discretion of the baccalaureate academic dean.

All grades earned at other regionally accredited institutions are entered on a student’s record at the time of transfer exactly as earned. Such grades are averaged separately from grades earned at The Florida State University.

Students entering The Florida State University without credit in college algebra will be required to take, or exempt, MAC 1105, MGF 1106, or MGF 1107. Courses with the prefix “MGF” at or above the level of _106 will be accepted for transfer credit (hours allowed toward graduation). For students transferring from junior or senior institutions that stipulate the MGF course meets “Gordon Rule” requirements, the course will be accepted in partial fulfillment of Section 1007.25, Florida Statutes. (See the Undergraduate Degree Requirements chapter of this General Bulletin.) Students not needing another mathematics course for their major may use this as their second course; students needing more mathematics will follow The Florida State University guidelines regarding their next course.

College work completed with satisfactory grades by a student at a regionally accredited institution of higher learning, prior to graduation from high school, will apply in the normal manner toward the baccalaureate degree at The Florida State University. The Office of Admissions must be provided an official transcript of such work.

An official course-by-course evaluation is required for all academic records from non-U.S. institutions. Students should refer to the ‘International Student Admission’ section in the ‘Admissions’ chapter of this General Bulletin.

Graduate students should refer to the ‘Transfer Credit’ section in the ‘Graduate Degree Requirements’ chapter of the Graduate Bulletin.

Credit for Nontraditional Courses, Including Short Courses

Nontraditional courses have many different purposes, including the recertification of persons for various subject matters and professional specialties. Short courses for credit shall have the same number of contact hours as do regularly scheduled courses; i.e., a one-hour course must have fifteen (15) total contact hours; a two-hour course must have thirty (30) total contact hours; a three-hour course must have forty-five (45) total contact hours. Alternatively, other nontraditional courses/settings must have an appropriate substitute(s) for the above contact hours, e.g., distance learning might include student/teacher interaction, student interaction with professor-designed materials, or other appropriate interactions. In no case can credit be given with less student participation than the above hours stipulate. Any alternative course(s) must document equivalency with traditional course(s) when such traditional courses exist.

Courses that follow nontraditional scheduling patterns, such as running over from one term to the next, may be scheduled through the Center for Professional Development and Public Service or through the Office of the University Registrar. Course hours must be scheduled in keeping with the above policy on credit for nontraditional courses, including short courses, adopted by the Faculty Senate.

Programs for Acceleration

The Florida State University has established several avenues that permit a reduction in the normal amount of time required to complete the requirements for a baccalaureate degree. Each baccalaureate degree program is so designed that students may complete a minimum of twenty-five percent (25%) of degree requirements through the acceleration mechanisms discussed below.

Dual Enrollment

Students who are enrolled in college course work prior to graduation from high school may be awarded college credit at The Florida State University. Refer to the ‘Transfer Credit’ section of this chapter for specific information concerning what may transfer.

Credit by Examination

The University recognizes the following examination programs for which students may receive academic credit or exemption in lieu of course work. These programs permit the qualified student to earn by examination up to thirty (30) semester hours of credit toward liberal studies requirements and up to sixty (60) semester hours of credit toward total baccalaureate degree requirements.

Students earning credit by examination must still satisfy departmental major and/or minor requirements, the University’s course work requirement of forty (40) semester hours in courses numbered 3000 and above, and the Section 1007.25, Florida Statutes, writing requirement (see the “Undergraduate Degree Requirements” chapter of this General Bulletin).

Credit toward the baccalaureate degree will not be granted for courses taken that are judged equivalent to credit already earned through one of
the examination programs and vice versa. In addition, duplicate credit by examination will not be awarded.

A course may not be dropped in anticipation of receiving examination credit. The successful score must be in hand at the time the request is made to drop an equivalent course.

Credit earned by examination may be declined. Students must notify the Office of Admissions of this intention as soon as possible after successful scores have been received.

In accordance with the articulation agreement, students who have earned CLEP credit in partial fulfillment of the requirements for the AA degree from a Florida public institution will be awarded credit on the basis of their presentation of the AA degree. An individual evaluation will not be made.

Transfer students who have completed a general education program at a Florida public institution and whose transcript is so marked will be considered to have completed the Liberal Studies Program at The Florida State University. A second evaluation of CLEP credits in the liberal studies areas will not be made.

**Advanced International Certificate of Education (AICE)**

Students who have completed AICE examinations should submit their official score reports to The Florida State University. Refer to the AICE Table at the end of this chapter for college course equivalents and credits earned.

**Advanced Placement (AP)**

Students who have participated in the AP Program in high school and received a score of three (3) or better on the national examinations will receive college credit in the appropriate subject areas. Refer to the AP Table at the end of this chapter for college course equivalents and credits earned.

**International Baccalaureate (IB)**

Students receiving the IB diploma will receive up to thirty (30) semester hours of credit for scores of four (4) or higher on both higher-level and standard-level examinations. Students who do not receive the IB diploma will receive credit for scores of five (5) or higher on higher-level examinations only. Refer to the IB Table at the end of this chapter for college course equivalents and credits earned.

**College-Level Examination Program (CLEP)**

Students may earn credit in lieu of course work for CLEP. No credit will be awarded for a subject matter examination if the student has already earned any course credit in the subject area; e.g., a student may not earn credit in the American Government Examination if a course has been taken in college (junior or senior institution) in that area. Refer to the CLEP Table at the end of this chapter for college course equivalents and credits earned.

**English Credit Through SAT/ACT**

Students who score 650 or higher on the verbal/critical reading portion of the SAT or 29 or higher on the English portion of the ACT will be granted three (3) semester hours of credit equivalent to ENC 1101.

**Mathematics Credit Through SAT/ACT**

Students who score 680 or higher on the quantitative portion of the SAT or 30 or higher on the mathematics portion of the ACT will be granted three (3) semester hours of credit equivalent to MAC 1105.

**Departmental Examinations**

Departments and programs of the University may offer examinations for academic credit in lieu of course work to undergraduate students upon request. Interested students should consult with their colleges, schools or departments concerning the availability of examinations in lieu of specific courses.

**General Credit Limitations**

Courses taken by correspondence through the State of Florida, Division of Colleges and Universities, approved off-campus courses, and/or courses evaluated and recommended as suitable for credit by the American Council on Education (ACE) may be accepted by the University. The number of hours of such courses acceptable in any individual case is at the discretion of the academic dean. The total number of such courses accepted cannot exceed thirty (30) semester hours.

An undergraduate student may be granted a baccalaureate degree under degree requirements specified in the General Bulletin at the time of admission, insofar as course offerings will permit, provided the student graduates within a period of six years from date of first entry to the University. A student may elect instead to meet the degree requirements specified in any subsequent General Bulletin covering a period of the student’s enrollment.

Up to six (6) semester hours of cooperative education credits will be accepted provided they are certified as academic credits by the sending institution.

When credits are more than 10 years old they are subject to reevaluation by the appropriate dean before they can be applied toward graduation.

For credit limitations on graduate degrees, refer to the Graduate Bulletin.
### AICE Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

<table>
<thead>
<tr>
<th>EXAM NAME</th>
<th>LEVEL</th>
<th>SCORE OF E OR D</th>
<th>SCORE OF C, B, OR A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art and Design</td>
<td>AS- or A-Level</td>
<td>ART 1300C (3)</td>
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</tr>
<tr>
<td>Biology</td>
<td>AS-Level</td>
<td>None</td>
<td>BSC 1005C (4)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
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<td>BSC 2010C (4), or BSC 2010 (3) and BSC 2010L (1)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>AS-Level</td>
<td>None</td>
<td>CHM 1020C (4), or CHM 1020 (3) and CHM 1020L (1)</td>
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<tr>
<td></td>
<td>A-Level</td>
<td>None</td>
<td>CHM 1045C (4)</td>
</tr>
<tr>
<td>Computing</td>
<td>AS-Level</td>
<td>CGS 1073 (3)</td>
<td>Same</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>CGS 1073 (3), CGS 1074 (3)</td>
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</tr>
<tr>
<td>Economics</td>
<td>AS-Level</td>
<td>ECO 2000 (3)</td>
<td>Same</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>ECO 2013 (3), ECO 2023 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>English - English Language or Language and Literature in English</td>
<td>AS-Level</td>
<td>ENC 1101 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>English - Literature in English</td>
<td>AS-Level</td>
<td>ENC 1101 (3) or ENC 1102 (3)¹</td>
<td>ENC 1101 (3) or ENC 1102 (3)²</td>
</tr>
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<td></td>
<td>A-Level</td>
<td>ENC 1101 (3) or ENC 1102 (3)¹</td>
<td>ENC 1101 (3), ENC 1102 (3) or ENC 1102 (3), LIT 1006 (3)²</td>
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<td>Environmental Science</td>
<td>AS-Level</td>
<td>EVR 1001C (4)</td>
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<td>Geography</td>
<td>AS-Level</td>
<td>GEA 1000 (3)</td>
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<tr>
<td></td>
<td>A-Level</td>
<td>GEO 3200 (3), GEO 1400 (3)</td>
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</tr>
<tr>
<td>History</td>
<td>AS- or A-Level</td>
<td>AMH 1000 (3)</td>
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<tr>
<td>American</td>
<td></td>
<td>EUH 1009 (3)</td>
<td>Same</td>
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<tr>
<td></td>
<td>International</td>
<td>WOH 1030 (3)</td>
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<tr>
<td>European</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language Spanish</td>
<td>AS- or A-Level</td>
<td>SPN 1120 (4), SPN 1121 (4)</td>
<td>SPN 1120 (4), SPN 1121 (4), SPN 2220 (4)</td>
</tr>
<tr>
<td>French</td>
<td></td>
<td>FRE 1120 (4), FRE 1121 (4)</td>
<td>FRE 1120 (4), FRE 1121 (4), FRE 2211 (4)</td>
</tr>
<tr>
<td>German</td>
<td></td>
<td>GER 1120 (4), GER 1121 (4)</td>
<td>GER 1120 (4), GER 1121 (4), GER 2220 (4)</td>
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<tr>
<td></td>
<td>All other languages subject to institutional review</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language Literature Spanish</td>
<td>AS- or A-Level</td>
<td>SPW 3030 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>French</td>
<td></td>
<td>FRW 3100 (3)</td>
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<td></td>
<td>All other languages subject to institutional review</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>AS-Level</td>
<td>None</td>
<td>MAC 1147 (5)</td>
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<tr>
<td></td>
<td>A-Level</td>
<td>None</td>
<td>MAC 2311 (4)</td>
</tr>
<tr>
<td>Physics</td>
<td>AS-Level</td>
<td>None</td>
<td>PHY 1020C (4)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>PHY 2053C (4), PHY 2054C (4)</td>
<td>PHY 2053C (4), PHY 2054C (4)</td>
</tr>
<tr>
<td>Psychology</td>
<td>AS-Level</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>PSY 2012 (3)</td>
<td>Same</td>
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<tr>
<td>Sociology</td>
<td>AS-Level</td>
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<td>None</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>SYG 1000 (3)</td>
<td>Same</td>
</tr>
</tbody>
</table>

¹ENC 1102 will be awarded if the student already has received credit for ENC 1101.
²LIT 1006 will be awarded if the student already has received credit for ENC 1101.
### AP Scores and University Course Equivalents

<table>
<thead>
<tr>
<th>EXAM NAME</th>
<th>SCORE OF 3</th>
<th>SCORE OF 4</th>
<th>SCORE OF 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>ARH 2000 (3)</td>
<td>ARH 2050 (3), ARH 2051 (3)</td>
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</tr>
<tr>
<td>Biology</td>
<td>BSC 1005 (3), BSC 1005L (1)</td>
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<td>BSC 2010 (3), BSC 2010L (1), BSC 2011 (3), BSC 2011L (2)</td>
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<tr>
<td>Calculus-AB</td>
<td>MAC 2311 (4)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>Calculus-BC</td>
<td>MAC 2311 (4)</td>
<td>MAC 2311 (4), MAC 2312 (4)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1020 (3), CHM 1020L (1)</td>
<td>CHM 1045 (3), CHM 1045L (1)</td>
<td>CHM 1045 (3), CHM 1045L (1), CHM 1046 (3), CHM 1046L (2)</td>
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<tr>
<td>Computer Science A</td>
<td>CGS 1075 (3)</td>
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<td>Same as 3</td>
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<tr>
<td>Computer Science AB</td>
<td>CGS 1076 (3)</td>
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<td>Economics-Macro</td>
<td>ECO 2013 (3)</td>
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<td>Economics-Micro</td>
<td>ECO 2023 (3)</td>
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<td>Same as 3</td>
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<td>English-Language</td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3), ENC 1102 (3)</td>
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<td>English-Literature</td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3), ENC 1102 (3), or ENC 1101 (3), LIT 1005 (3)¹</td>
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<td>Environmental Science</td>
<td>ISC 1051 (3)</td>
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<td>European History</td>
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<td>EUH 2000 (3), EUH 2001 (3)</td>
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<td>French-Language</td>
<td>FRE 2211 (4)</td>
<td>FRE 2211 (4), FRE 2212 (2)</td>
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<td>French-Literature</td>
<td>FRW 3100 (3)</td>
<td>FRW 3100 (3), FRW 3101 (3)</td>
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<tr>
<td>German-Language</td>
<td>GER 2220 (4)</td>
<td>GER 2220 (4), GER 2221 (2)</td>
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<tr>
<td>Government and Politics: Comparative</td>
<td>CPO 2002 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
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<tr>
<td>Government and Politics: United States</td>
<td>POS 1041 (3)</td>
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<td>Human Geography</td>
<td>GEO 1400 (3)</td>
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<td>Italian</td>
<td>ITA 2220 (4)</td>
<td>ITA 2220 (4), ITA 2221 (2)</td>
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<td>Latin Literature (Catullus)</td>
<td>LNW 1700 (3)</td>
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<td>Latin-Vergil</td>
<td>LNW 1660 (3)</td>
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<td>Music Theory (if composite score is 3 or higher)</td>
<td>MUT 1001 (3)</td>
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<td>Music Theory (if both aural and non-aural subscores are 3 or higher)</td>
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<td>Physics B</td>
<td>PHY 2053C (4)</td>
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<tr>
<td>Physics C: Electricity and Magnetism</td>
<td>PHY 2054C (4)</td>
<td>PHY 2049C (4)</td>
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<tr>
<td>Physics C: Mechanics</td>
<td>PHY 2053C (4)</td>
<td>PHY 2048C (5)</td>
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<td>Psychology</td>
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<td>Spanish-Language</td>
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<td>SPN 2220 (4), SPN 2221 (2)</td>
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<td>Spanish-Literature</td>
<td>SPW 3100 (3)</td>
<td>SPW 3100 (3), SPW 3101 (3)</td>
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<td>Statistics</td>
<td>STA 2014 (3)</td>
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<td>Studio Art</td>
<td>ART 1300C (3)</td>
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<td>United States History</td>
<td>AMH 1000 (3)</td>
<td>AMH 2010 (3), AMH 2020 (3)</td>
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<td>World History</td>
<td>WOH 1022 (3)</td>
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¹ LIT 1005 will be awarded if the student has already received credit for ENC 1102.
<table>
<thead>
<tr>
<th>EXAM NAME</th>
<th>SCORE OF 4 (Diploma holders only)</th>
<th>SCORE OF 5 (Higher-Level only for non-diploma holders; either Standard- or Higher-Level for diploma holders)</th>
<th>SCORE OF 6 OR 7 (Higher-Level only for non-diploma holders; either Standard- or Higher-Level for diploma holders)</th>
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<td>Design Engineering</td>
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<td>Environmental Systems</td>
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<td>French A1 or A2</td>
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<td>FRW 3100 (3), FRW 3101 (3)</td>
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<td>Geography</td>
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<td>History-All Regions</td>
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<td>WOH 1030 (3), AFH 1000 (3)</td>
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<td>WOH 1030 (3), AMH 1000 (3)</td>
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<td>History-East and Southeast Asia</td>
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<td>WOH 1030 (3), ASH 1044 (3)</td>
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<td>History-Europe</td>
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<td>History-West and South Asia</td>
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<td>Mathematics</td>
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<td>MAC 2233 (2), MAC 2311 (4)</td>
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<td>Mathematics-Methods</td>
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<td>MAC 1105 (3), MAC 1140 (3)</td>
<td>MAC 1140 (3), MAC 2233 (3)</td>
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<td>SPN 1121 (2), SPN 2220 (4)</td>
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<td>ART 1300C (3)</td>
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<td>ARH 3056 (3), ARH 3057 (3)</td>
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### CLEP Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

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<th>MINIMUM</th>
<th>B-LEVEL PASS</th>
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<td>ACG 2001 (3)</td>
<td>50</td>
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<td>Algebra, College</td>
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<td>American Literature</td>
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<td>AML 2010 (3), AML 2020 (3)</td>
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<td>Calculus with Elementary Functions</td>
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<td>English Literature</td>
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<td>Marketing, Principles of</td>
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<td>Trigonometry</td>
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#### Foreign Language Exams (taken after Mar. 3, 2003)

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#### Foreign Language Exams (taken on/before Mar. 3, 2003)

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<td>SPN 1120 (4) [50]</td>
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</table>
The Florida State University has a long history of providing recognition and support for outstanding students, beginning with a directive from a faculty committee in 1932. The program’s purpose, as described in a report to the President and the Faculty Senate, was “to provide enlarged opportunities for…students; to give them a challenge and an incentive; to develop initiative, resourcefulness and self-reliance; to present knowledge in terms of fields, not courses.” (Report on Honors Work, FSU Archives, 12/21/32)

Since then, the scope and focus of honors work at The Florida State University has evolved over the years to address the changing needs of those students who demonstrate high academic achievement. The information below provides an overview of the opportunities available to students who choose to participate in the University Honors Program.

University Honors Office

**Director:** Paul D. Cottle;  
**Associate Director:** Diane J. Dowling;  
**Assistant Directors:** Jeanette Adams Dümmer, Kathryn L. Scheuch

The University Honors Office supports the University’s long tradition of academic excellence by offering two programs, the University Honors Program and the Honors in the Major Program, that highlight the institution’s strengths in teaching, research and community service. Please contact [http://honors.fsu.edu](http://honors.fsu.edu) for more information.

**University Honors Program**

The University Honors Program is designed for students who are entering full-time college studies for the first time. The program is intended to help the University’s most talented students develop into excellent scholars, leaders in their communities and innovators in their professions. To do this, the program encourages students to take advantage of the special opportunities available at The Florida State University because of its status as a major research university and its role in the community. Students who pursue honors credit through courses and honors-level project work that focuses on research, creative activity or community service may earn the Honors Medallion. A student receives the medallion when she or he accumulates eighteen (18) semester hours in honors courses and approved honors project activities (some non-credit activities may be substituted with the approval of the Director of the University Honors Office). The medallion may be worn during the University’s commencement exercises. In addition, this achievement is noted on the student’s transcript.

**Honors Courses.** Honors courses, with their small class sizes, allow students to build relationships with faculty members who can become mentors and research advisors. Honors courses are divided into two categories, honors sections of regular courses and honors seminars. Honors sections of regular courses fulfill liberal studies or University requirements, as do all honors seminars. Honors sections of regular courses are usually limited to 25 students each. Honors seminars are three (3) semester hour special topics courses that count toward graduation and fulfill liberal studies and Gordon Rule requirements in the humanities (HUM 2937r), natural sciences (ISC 2937r), or social sciences (ISS 2937r). Seminars are typically limited to 15 honors students.

**University Honors Colloquium.** The University Honors Colloquium is required for honors students during their first Fall semester at The Florida State University. This one (1) semester hour weekly forum features lectures by distinguished University faculty from across the scholarly and creative arts spectrum, as well as informative presentations from directors of academic programs that will be of interest to honors students. The Colloquium provides a common intellectual experience for new honors students, and also introduces students to the culture and opportunities of a modern research university.

**Honors-Augmented Courses.** In some cases where regular honors sections of courses cannot be made available, the faculty agrees to offer honors-augmented courses. These are regular courses open to all students in which the professor has agreed to engage in special projects with honors students for honors credit. Honors-augmented courses are arranged in advance by the University Honors Office.

**Honors Medallion Requirements.** A minimum of nine (9) semester hours of honors course work (including honors sections of regular courses, honors seminars, the honors colloquium, and honors-augmented courses) is required to earn the Honors Medallion. A student may complete the remainder of the eighteen (18) semester hours of honors credit required for the medallion through any combination of further honors course work, honors directed individual study (DIS), honors in the major work (also known as honors thesis), and non-credit project activities (research, creative activity or community service) approved by the Director of the University Honors Office. To count toward the Honors Medallion requirements, an honors course must be completed with a grade of “C–” or better. Honors-augmented courses will be counted toward the medallion if a grade of “B–” or better is earned and the honors-augmented project is completed satisfactorily. Students using honors thesis hours toward the medallion must earn an “A–” or better.

**Honors DIS.** A student begins enrolling for an honors DIS by registering for a graded DIS in the appropriate department. Next, the student requests honors credit for the DIS from the Director of the University Honors Office. This request is made using the honors DIS application available from the University Honors Office, or from the University Honors Program Online Organization Blackboard, which is part of the University’s online learning Web site, [http://campus.fsu.edu](http://campus.fsu.edu). The application must be submitted to the University Honors Office by the first day of the semester for which the DIS will be registered. The Director of the University Honors Office will decide whether to accept or deny the application for honors credit based on the content of the application. The honors DIS is intended to be a project that meets the following five (5) standards:

1. The work must demonstrate intellectual initiative;
2. The work must demonstrate engagement with the scholarship in the subject of the DIS; whether the work of the DIS is research, creative activity or community service;
3. The DIS must be graded;
4. The DIS must be directed by a permanent member of the teaching faculty. An assistant, associate or full professor would qualify; and
5. The DIS must involve at least thirty (30) hours of work for each credit hour awarded.

**Progress toward the Honors Medallion through Honors in the Major.** Students may use credits earned in the Honors in the Major Program toward the Honors Medallion. The Honors in the Major Program is described below.

**Progress toward the Honors Medallion through Non-credit Honors Project Activities.** The Director of the University Honors Office may allow a student to earn progress toward the Honors Medallion with project work that does not involve registration for formal academic credits. This request is made using the honors non-credit project application available from the University Honors Office Blackboard. The application must be submitted to the University Honors Office by the first day of the semester in which the non-credit project will be done. The Director of the University Honors Office will accept or deny the application for progress toward the Honors Medallion credit based on the content of the application. Progress toward the Honors Medallion can be granted for a non-credit project that meets the following four (4) standards:

1. The work must demonstrate intellectual initiative;
2. The work must demonstrate engagement with the scholarship in the subject of the project, whether the work of the project is research, creative activity or community service;
3. The project must be directed by a permanent member of the teaching faculty. An assistant, associate or full professor would qualify; and
4. The project must involve at least thirty (30) hours of work for each credit hour-equivalent of progress allowed toward the Honors Medallion.
Admission Requirements

Standard admission. Students who are accepted to enter The Florida State University as freshmen will be invited to apply for the University Honors Office if they score 1300 on the SAT or 29 on the ACT, and achieve a 3.90 grade point average (GPA) in high school (as calculated by the Florida State University Office of Admissions). The University Honors Office application will be mailed automatically to students who meet the eligibility requirements shortly after admission to the University is finalized.

Lateral 3.80 GPA admission. Any incoming freshman student who achieves at least a 3.80 GPA on a minimum of twelve (12) hours of coursework during their first Fall semester at the University are eligible for admission to the honors program, effective the following Spring.

Note: Students meeting this requirement must contact the University Honors Office no later than the drop-add period during the Spring semester.

Retention

Students must enroll in and pass the University Honors Colloquium during their first Fall semester in the University Honors Program. In addition, students must maintain at least a 3.20 cumulative GPA and make progress toward completion of the program.

Honors Housing

The Honors Residence Complex provides an excellent environment for honors students to socialize and study together. Since many students share the same courses, both planned and spontaneous study sessions are common.

Students admitted into the University Honors Program may request housing in either of the Honors Residence Complex halls (Landis or Gilchrist Halls); however, honors students are not required to live on campus. Students wishing to live in the Honors Residence Complex must submit a separate housing application listing Gilchrist and/or Landis as their preference. General residence hall assignment is determined on a first-come, first-served basis; residence hall preference is determined by the order in which housing applications are received by the Office of University Housing. Many of FSU’s Living-Learning programs have restrictions that prohibit simultaneous participation in the Honors Program. Students considering application to a Living-Learning program in addition to Honors are strongly advised to contact the Living-Learning program directly for detailed information regarding potential program conflicts. Please refer to the “Housing” chapter of this General Bulletin for additional information concerning the Landis-Gilchrist Honors Residence Complex.

Acceptance into the University Honors Program does not guarantee University housing, in the Honors Residence Complex or elsewhere. Students who intend to live on campus are strongly encouraged to submit an application to University Housing as soon as possible after their admission to the University.

Honors in the Major

http://honorsinthemajor.fsu.edu

Many colleges, schools and departments of The Florida State University offer the Honors in the Major Program, which is intended to encourage talented juniors and seniors to undertake significant independent and original scholarship as part of the undergraduate experience in a framework similar to that of a thesis-based master’s degree program. The goal of the program is the completion and defense of an honors thesis. Completion of the Honors in the Major Program is recognized by the distinction of graduating “with Honors,” as designated on the transcript. Honors thesis work is carried out by the student over a period of two or three semesters in collaboration with a thesis director and two or three other faculty members who serve on the student’s honors thesis supervisory committee. The Honors thesis project culminated with the thesis defense before the honors thesis committee.

Eligibility

The University Honors Office requires that prospective students have at least sixty (60) semester hours and at least a 3.20 cumulative GPA. Transfer students must have a 3.20 overall GPA, including all transfer work, and a 3.20 GPA on at least twelve (12) Florida State University semester hours. Students should note that they may choose not to count credits that are five (5) or more years old, as long as the most recent sixty (60) semester hours average 3.20; for transfer students, the GPA must be at least 3.20 on twelve (12) semester hours completed at The Florida State University. Since some departments set higher requirements, students interested in the Honors in the Major Program should also check with their academic major advisors.

The semester before applying for the Honors in the Major Program, students should contact the University Honors Office to make a formal application to the program. The application must show that the student has the required grades and credits, a proposed thesis topic, sufficient time prior to graduation to complete the project, a thesis director, and the approval of the chair or director of the academic department or program in which the student is majoring. Detailed information on procedures for initiating and completing the Honors in the Major Program can be found at the program Web site, http://honorsinthemajor.fsu.edu.

Thesis Director and Supervisory Committee

Each student in the program works with a thesis supervisory committee comprised of a thesis director and two or three other members. The members of the committee are selected by the student. Most often, the thesis director and members of the supervisory committee are tenured or tenure-track faculty members. However, a non-tenure track faculty member or other permanent member of the university’s instructional or research staff can be designated thesis director or members of the supervisory committee with the approval of the Director of the University Honors Office (a supervisory committee consisting entirely of tenure or tenure-track faculty members does not require Honors Director approval). At least two members of the supervisory committee must be tenured or tenure-track faculty members. At least one member of the supervisory committee must have a home academic department different from that of the thesis director. A “visiting scholar” who is not an employee of The Florida State University can be included on the supervisory committee with the approval of the Director of the University Honors Office. The supervisory committee must be approved by the chair or director of the academic department or program in which the student is majoring. Academic departments and programs may elect to have more specific criteria for the thesis director and supervisory committee.

The duties of the thesis director include:

• Directing the student’s research, study and writing;
• Helping the student structure the basic conception of the thesis project;
• Helping the student clarify the objectives of the thesis project;
• Working with the student to discover an appropriate research or creative strategy for achieving these objectives;
• Monitoring the progress of the student;
• Providing specific guidance to the student regarding formal deadline;
• Scheduling the defense;
• Signing the forms required by the University Office; and
• Serving as instructor of record for the Honors in the Major course credit.

The duties of the other members of the supervisory committee include:

• Providing additional viewpoints on all phases of the thesis project – conception, creation and completion;
• Contributing input on the project itself and the evaluation of the project; and
• Participating in the thesis defense.

Completion of the Honors Thesis

Typically, each student in the program works on the thesis project for two (2) or three (3) semesters. During each of these semesters, the student must enroll using the appropriate academic department’s course for honors thesis credit for one (1) to three (3) semester hours. Students must earn a total of six (6) to nine (9) honors thesis credits and must receive at least a B- in each of these courses. A student who does not have six (6) credit hours of work graded “B-” or better will not be eligible for program completion and graduating with Honors. Students must also maintain at least a 3.20 cumulative GPA until graduation. Several departments have additional requirements; students should contact the academic department in which the thesis work will be based for further information.

A prospectus is due to the University Honors Office during the semester before the thesis is completed. This brief paper states the nature of the
honors thesis, its scope, and its methodology. The prospectus must be approved by all members of the supervisory committee. Students also must submit a brief progress report at the end of each semester in which they are enrolled for honors thesis credit prior to the semester the thesis is defended.

The student defends the finished honors thesis in a meeting with the supervisory committee. Following a successful defense, the student must submit the completed defense form (available from the Honors in the Major Web site) and one electronic copy of the completed thesis to the University Honors Office no later than the Friday before finals week of the defense semester. Further details and specific deadlines are available from the University Honors Office or at the Honors in the Major Web site at http://honorsinthemajor.fsu.edu.

**University–Recognized Honor Societies**

Through the University Honors Program, Honors in the Major Program and honor societies, the University encourages excellence in all of its students. The Florida State University is the home of the first Phi Beta Kappa chapter in the state of Florida. On Honors Night, a ceremony that was first held on May 4, 1936, the University salutes students who have received institution-wide recognition for academic achievement.

Honor societies that are formally recognized by The Florida State University have met the standards as set by the Undergraduate Policy Committee. Some organizations are university-wide and some are specific to individual disciplines. These societies recognize students who have excelled academically and in some cases provide opportunities for service to The Florida State University and community.

**Standards for the Recognition of University-wide Honor Societies**

**General Standards for Recognition**

I. A society may be recognized as a Scholastic Honor Society or as a Leadership/Scholastic Honor Society.

II. The society must be approved for recognition by a body to be appointed by the University President or his/her designee.

III. The society must demonstrate membership participation in governance and control at both the national (if a national organization) and chapter levels.

IV. Full financial disclosure is required at both the national (if applicable) and chapter levels.

V. Only the institutional chapter may extend invitations to individuals for membership.

VI. To be considered University-wide, a society must receive into membership persons from a broad range of academic disciplines.

**Standards for Membership Eligibility**

I. Membership shall be conferred on the basis of character and specified scholastic, leadership and service eligibility.

II. Eligibility criteria here specified are minimum ones; societies may have higher standards.

**Scholastic Honor Societies**

Eligibility is primarily based upon scholarship.

I. Upper-division/Graduate Societies.
   A. Must be in the top twenty percent (20%) of their class scholastically;
   B. Undergraduates must have earned at least sixty (60) semester hours, with at least twenty-four (24) graded semester hours at this institution; and
   C. Graduate and professional students must have earned at least twenty-four (24) graded semester hours at this institution.

II. Lower-division Societies
   A. Must be in the top twenty percent (20%) of their class scholastically;
   B. Must have earned at least twelve (12) graded semester hours at this institution.

**Leadership/Scholastic Honor Societies**

Eligibility is based upon scholarship, leadership and service to campus and the community. There is no distinction made by class.

I. Minimum overall 3.0 GPA, with at least twelve (12) graded semester hours at this institution; and,

II. Leadership and service to be determined by the society.

University-wide honor societies officially recognized by The Florida State University are listed below, and can also be found at the Honors program Web site. The discipline-specific societies listed next are under the jurisdiction of the appropriate college, school, or department. For complete details of activities and membership requirements, contact the individual organizations.

**Scholastic Societies**

**Phi Beta Kappa** is a scholastic honor society for those in the liberal arts and sciences. The society was formed in 1776. The Florida State University chapter, chartered in 1934 and established in 1935, was the first in Florida. The chapter’s activities include recognition of outstanding juniors and graduating seniors and sponsorship of visiting speakers of University-wide interest. New members are automatically invited each fall and spring based on major, grades (minimum 3.9 GPA for juniors and 3.6 GPA for seniors), language study, and other criteria.

**Phi Kappa Phi** recognizes academic excellence among undergraduates, graduate students, and faculty in all disciplines. The society was founded in 1897; the University chapter was chartered in 1925. The chapter recognizes outstanding student scholars and artists and recommends them for national awards. New members are automatically invited each spring. Second-term juniors must rank in the upper seven and one-half percent (7.5%) of their respective colleges or schools. Seniors must be in the upper ten percent (10%) of their respective colleges or schools. Graduate and professional students must rank in the upper ten percent (10%) of their respective college or school. All students must have at least twenty-four (24) earned semester hours at The Florida State University.

Founded in 1977, **Golden Key International Honour Society** honors undergraduate academic achievements. The Florida State University chapter was chartered in 1984. The University chapter awards the Outstanding Undergraduate Scholar Award twice a year and regularly sponsors projects in local schools and a number of community service projects. The chapter has been named The Florida State University Campus Organization of the Year and has been recognized for excellence by the national organization. Every fall the chapter automatically invites those students with at least sixty (60) semester hours (twenty-five [25] of which must be at The Florida State University) and in the top fifteen percent (15%) of the junior or senior class.

**Phi Eta Sigma** is a national honor society whose goal is to encourage and reward academic excellence among freshmen in institutions of higher learning. The oldest and largest freshman honor society, Phi Eta Sigma was founded in 1923, and now has over 300 chapters throughout the United States with over 800,000 members. Established at FSU in 1955, our undergraduate and graduate members may apply for national scholarships of $1,000-$5,000. Students who have a cumulative grade point average (GPA) of at least 3.5 and at least twelve (12) semester hours at the end of any full-time curricular period during their freshman year are eligible for membership. Lifetime membership is conferred upon induction. The Florida State University chapter participates in various optional activities, which have included leadership workshops, community service activities, and peer advising. Selected members represent FSU at the bi-annual national conference. For information, call (850) 644-7424 or e-mail PhiEtaSigma@admin.fsu.edu.

The **National Society of Collegiate Scholars** is an honors organization that recognizes outstanding academic achievement among first and second year college students and encourages members to develop leadership skills through community service. The Society was founded in 1994 at The George Washington University, and The Florida State University chapter was formed in 1995. The society offers scholarships, awards, service opportunities, and leadership programs. Every fall the chapter invites to membership those students who rank in the 20th percentile with a minimum GPA of 3.4. For information call (850) 644-0639 or e-mail bmoeller@admin.fsu.edu.

**Leadership/Scholastic Societies**

The **W.E.B. Du Bois Honor Society**, organized in 1991, is named for the black scholar, editor, and author of The Souls of Black Folk, who set high standards for educating African-Americans in the late 19th and 20th centuries. The purpose of the DuBois Society is to recognize academic excellence among African-American students and to support,
guide, and encourage their involvement in other leadership and honorary organizations at The Florida State University. The grades of all full-time African–American undergraduate students will be automatically reviewed for eligibility each fall. If eligible, students will be invited to join the society. To qualify, candidates must have achieved a 3.3 cumulative GPA at The Florida State University and must have earned at least thirty (30) semester hours at this university. Transfer students and seniors will be considered for eligibility on an individual basis. For more information, contact the Undergraduate Studies Dean’s Office, A3300 University Center, Tallahassee, FL 32306-2460 or call (850) 644-2740 or e-mail dubois hs@yahoo.com

Omicron Delta Kappa is the national leadership honor society for faculty and students. The society was founded in 1914 and came to The Florida State University in 1950. The society recognizes achievement in scholarship; athletics; social, service, and religious activities; campus government; journalism, speech, and mass media; and creative and performing arts. Annual activities include a homecoming awards breakfast or banquet honoring outstanding Florida State University alumni; participation in Leadership Awards Night and in the 7:50 A.M. Breakfast Club, where faculty, staff and alumni meet with current ODK students to discuss campus issues. The Florida State University circle has been named “Circle of Distinction.” Applications are sought twice a year, and members are chosen on the basis of scholarship (upper third [33%] of junior, senior, or graduate class), leadership, and service.

Mortar Board is a national honor society for college seniors. The national organization was founded in 1918 and the Florida State University chapter in 1931. Each year Mortar Board sponsors activities to provide service, advance the spirit of scholarship, and facilitate cooperation among honor societies. Every spring, juniors in the upper thirty-five percent (35%) of their class are invited to apply. Members are selected on the basis of scholarship, leadership, and service.

Garnet Key Honor Society of the Panama City campus, founded in 1986, recognizes students primarily for service and scholarship, but also for spirit and leadership. Activities are generally service projects and functions for the Panama City campus. Applicants must have completed twelve (12) semester hours at that campus with a GPA of 3.5 or higher.

The Oscar Arias Sanchez Hispanic Honor Society (OASHHS) was formed in the Fall term of 1992 to recognize academic excellence among students of Hispanic heritage and those interested in Hispanic/Latino culture. Membership into the OASHHS shall be granted to those sophomores, juniors, seniors, and transfer students of Hispanic heritage who have attained a 3.3 GPA or above, and who have fulfilled the required service projects. The OASHHS is a scholastic/leadership society. To become a member of this organization, contact Undergraduate Studies Dean’s Office, A3300 University Center, Tallahassee, FL 32306-2460.

Garnet and Gold Key is a leadership honorary society unique to Florida State University, with roots in the early 1900s, when FSU was Florida State College for Women. The society was formed to recognize the spirit of service, leadership, and loyalty. The society’s annual activities now include Torch Night, which recognizes the top one-hundred incoming freshmen, and the conferral of The Ross Oglesby Award, given to one outstanding faculty or staff member who has dedicated ten years of service to the University, its students, and various community service projects. Juniors and seniors are able to apply twice a year for membership. Membership is granted on the basis of outstanding academic achievement and a diversified leadership experience. For more information go to http://www.garnetandgoldkey.org.

Other Societies

Phi Theta Kappa is the international honor society of two-year colleges. The Florida State University alumni chapter offers former active members the opportunity to remain affiliated after they transfer. Phi Theta Kappa was founded in 1918; the University has had an alumni chapter since 1982.

Academic Honor Societies Specific to Certain Disciplines

College of Arts and Sciences

Anthropology students are eligible to join Pi Gamma Mu. See “College of Social Sciences” below.

The Department of Biological Sciences sponsors Beta Beta Beta, a national honorary and professional fraternity dedicated to improving the understanding and appreciation of biological student and extending boundaries of human knowledge through scientific research. Tri-Beta promotes undergraduate research in Biology through publishing its undergraduate-only journal, Bios, holding meetings at which undergraduate research papers are presented in the style of graduate meetings, and awarding competitive research stipends to faculty supervisors who support undergraduate research and publication.

The honors organization of the Department of Classics is Eta Sigma Phi, founded in 1924 to promote the study and appreciation of classical languages and literature. The University chapter, organized in 1926, is the oldest active chapter in the United States. The chapter arranges lectures, poetry readings, slide presentations, movies, translation contests in Greek and Latin, and tours. New members are invited twice a year, based on a “B” average in Greek and Latin courses.

The Department of Computer Science sponsors a chapter of Upsilon Pi Epsilon, the honor society for the computing sciences. The society is student-run and works closely with the local student chapter of the Association for Computing Machinery (ACM). Undergraduate majors must have completed sixty-four (64) semester hours of study, including eighteen (18) semester hours in computer science, and have at least a 3.2 GPA overall and within the major. Graduate students in computer science must have completed twelve (12) semester hours of graduate work with a GPA of 3.5 or better.

The Department of English sponsors a chapter of the Lambda Iota Tau literary honor society. The society is open to majors and minors in English and Modern Languages and Linguistics who have completed sixty (60) semester hours or more with GPAs of 3.0 and higher. The society is student-run, and activities change with student interests. Recent activities have included book sales, forums on applying to graduate and law schools, marathon readings of favorite texts, publication of a literary journal, and an annual poetry and fiction contest for Leon County middle schools. Interested students should submit an initiation paper and fee to the Director of Undergraduate Studies in English.

The Department of History boasts the fourth chapter in the nation (after The University of Texas, The Ohio State University, and the University of Idaho) of Phi Alpha Theta, an honor and professional society dedicated to promoting the study of history. The chapter sponsors speakers, seminars, and publications. Students, who need not be history majors, may apply for membership twice a year. Undergraduates need twelve (12) semester hours in history with a 3.2 GPA and a 3.0 overall GPA. Graduate students need twelve (12) semester hours in history and a 3.5 overall GPA.

The honors society of the Department of Mathematics is Pi Mu Epsilon, founded nationally in 1914 and at The Florida State University in 1956. Members are selected by invitation, based on national standards for mathematics credit and GPA, and overall GPA. Both undergraduate and graduate students are admitted. These exemplary students also participate in mathematics competitions and the department’s three student organizations, The Florida State Mathematical Society, The Florida State Student Actuarial Society, and the student-led Graduate Student Seminar.

Chi Epsilon Pi is the honor society for outstanding students in the Department of Meteorology. The Florida State University chapter has existed since 1966. In order to be eligible for membership, graduate students must have at least nine (9) semester hours of meteorology coursework while in graduate status, a 3.5 or better GPA in all meteorology coursework, an overall GPA of 3.25 or greater, and at least one year in the Department of Meteorology. Undergraduate students are eligible upon completion of at least seventeen (17) graded semester hours of meteorology coursework at 2000 level or higher, and must have at least a 3.25 GPA in all meteorology coursework, a 3.25 or greater GPA overall from the period starting with the first semester as a junior and ending with the last complete semester, and at least one year in the Department of Meteorology. Other criteria exist for special students. Students are inducted each spring.

The Department of Military Science fosters a chapter of the national organization Scabbard and Blade. The chapter participates in various civic and Reserve Officer Training Corps (ROTC) activities. Initiations are extended once a year based on membership in the Advanced ROTC Program, a “B” average, and standing in the top fifty percent (50%) of ROTC students. Initiation includes a service project.

The Department of Modern Languages and Linguistics has six honor societies, each with a different language of focus:

French. Pi Delta Delta has long been established at The Florida State University and inducts major and minor students on the undergraduate
and graduate levels. Prospective members must have an overall GPA of 2.8 and 3.0 in French classes, with at least one French class on the 3000 level. The French faculty are all members of the society. Graduate students must have a 3.0 GPA in French as well as an overall GPA of 3.0, and must have completed one semester of graduate work in French.

**German, Delta Phi Alpha** has had a chapter at the University since 1979. New members are invited twice a year. Members must have achieved a 3.5 GPA in German and a 3.0 overall GPA, plus three (3) German courses completed or in progress with “A–” average.

**Italian, Gamma Kappa Alpha** was organized in 1983; the University chapter followed in 1984. The chapter sponsors a weekly Italian Table for students. New members are invited each spring. Membership is open to undergraduate Italian majors with a minimum 3.0 GPA overall and 3.5 in Italian.

**Slavic** (including **Russian**). **Dobro Slovo** was founded in 1926, the University has had a chapter since 1972. Each spring, students apply, or are invited, based on two years of study of Slavic languages and related subjects with a “B+” average and an overall “B” average.

**Spanish, Sigma Delta Pi** is the honor society for students of Spanish, and has had a chapter at the University since 1935. Sigma Delta Pi offers students competitive opportunities to study abroad. Undergraduates must have a 3.2 GPA in Spanish and must rank in the top thirty-five percent (35%) of their class. Graduate students are also eligible.

**Phi Sigma Iota**, the International Foreign Language Honor Society, is the highest academic honor in the field of foreign languages, literature, and cultures, including classics, linguistics, philology, comparative literature, and bilingual education. Membership is awarded to junior and senior undergraduates with at least a 3.0 overall GPA and at least one 3000-level language course. Graduate students must have completed at least one (1) semester of graduate work and must have attained at least a “B+” average in all courses taken.

**Sigma Pi Sigma** is the national honor society for majors in the **Department of Physics**. The organization was founded in 1921, and the University Chapter was organized in 1954. New members are invited once a year, chosen from among physics majors who have at least a “B” average in physics as seniors or advanced juniors.

**The Department of Psychology** fosters a chapter of **Psi Chi**, a national honor society founded in 1929. The University chapter, in existence since 1959, has concentrated on activities that help majors with their future plans. Students may apply for membership twice a year. Psychology majors or minors must have completed twelve (12) semester hours of psychology with a minimum 3.2 overall GPA and 3.2 psychology GPA.

**College of Business**

**Beta Gamma Sigma** was founded in 1913 and established at the University in 1962. Both undergraduate and graduate business students are eligible for election.

**Beta Alpha Psi** is the national scholastic and professional society of the **Department of Accounting**; the University chapter was established in 1962. The society recognizes outstanding academic achievement in accounting and business, promotes the study of accounting and business, provides opportunities for interaction among members and practicing business professionals, invites speakers from the profession, and undertakes campus and community service activities. Prospective accounting, finance, and management information systems majors, both undergraduate and graduate, who are currently enrolled or have completed at least one accounting course and have met grade point requirements in accounting, and overall, may apply for membership. New members are initiated in the Fall and Spring semesters.

Majors in the **Dedman School of Hospitality** are eligible for **Eta Sigma Delta**, the international hospitality honor society. The society was founded in 1978 and came to the University in 1981. The local chapter emphasizes career preparation activities. Students who are hospitality majors in the junior year with a 3.0 overall GPA are invited to apply at the beginning of each semester.

A chapter of **Sigma Iota Epsilon**, a management fraternity, has been sponsored by the **Department of Management** since 1969. Both undergraduate and graduate students are eligible for membership. Undergraduates must have a 3.0 GPA and graduate students a 3.25 GPA, among other requirements.

**College of Communication**

**Lambda Pi Eta**, a national communication honor society, had its charter year at the college in 1989. The purposes of the society are to: 1) foster and reward outstanding scholastic achievement in communication; 2) to stimulate interest in the field of communication through community outreach and service; 3) to promote and encourage professional development among communication majors; 4) to provide an opportunity to discuss and exchange ideas in the discipline of communication; 5) to establish and maintain closer relationships and mutual understanding between communication faculty and students; and 6) to explore opportunities for graduate education in communication. The criteria for being a member require a student to be a communication or communication disorders major; to have completed at least fifteen (15) semester hours in communication and sixty (60) hours overall; have a minimum of a 3.5 GPA overall and in the major, with no grades below “C+”, no more than one incomplete (I) on a maximum of six (6) semester hours, and no unsatisfactory grades (U). New members are invited, at the beginning of each Fall and Spring semester.

**College of Criminology and Criminal Justice**

**Alpha Phi Sigma** is a nationally recognized honor society for students in criminology and criminal justice. The society recognizes academic excellence by undergraduates and graduate students.

To become a member, students must have completed one-third of the total hours required for graduation at The Florida State University. The student must be recommended by the local chapter advisor or a faculty member. Undergraduates must maintain a 3.0 overall GPA and 3.2 GPA in their major courses. The student must also rank in the top thirty-five percent (35%) of their class and have completed a minimum of four (4) courses within the criminology and criminal justice curriculum. The honorary is open to students with a declared criminology and criminal justice major or minor.

**College of Education**

**Kappa Delta Pi** has had a chapter at the University since 1925. Students are invited twice a year, or may apply. They must have twelve (12) semester hours of professional education courses. Undergraduates must have a “B+” average in all college work and graduates a “B+.” A minimum GPA of 3.0 is required for initiation.

**Phi Delta Kappa** has had a chapter at the University since 1953. The group participates in national research projects in education. Students are invited or may apply once a year. Members must have obtained a baccalaureate degree and be admitted to a graduate degree program or have five years successful professional experience. Members must have as their primary outcome professional involvement in education.

**Rho Phi Lambda** is the national honorary fraternity for the recreation, park, and leisure services profession. The original Rho Phi Alpha honorary fraternity was founded at North Carolina State College in 1958. In 1985, the eleven chapters of Sigma LambdaSigma honorary fraternity (originally founded at The Florida State University in the 1960s) were merged with the six original Rho Phi Alpha Chapters to become Rho Phi Lambda; the society now has over 30 chapters throughout the United States. Membership is based on outstanding scholarship, leadership and reward outstanding scholastic achievement in communication; 2) to stimulate interest in the field of communication through community outreach and service; 3) to promote and encourage professional development among communication majors; 4) to provide an opportunity to discuss and exchange ideas in the discipline of communication; 5) to establish and maintain closer relationships and mutual understanding between communication faculty and students; and 6) to explore opportunities for graduate education in communication. The criteria for being a member require a student to be a communication or communication disorders major; to have completed at least fifteen (15) semester hours in communication and sixty (60) hours overall; have a minimum of a 3.5 GPA overall and in the major, with no grades below “C+”, no more than one incomplete (I) on a maximum of six (6) semester hours, and no unsatisfactory grades (U). New members are invited, at the beginning of each Fall and Spring semester.

**College of Engineering**

**Tau Beta Pi**, the College of Engineering’s most prestigious honor society was formed in 1985 as the Engineering Honor Society. It was chartered and installed at the FAMU—FSU College of Engineering on February 29, 1992 as the Florida Eta Chapter of Tau Beta Pi. The Tau Beta Pi Honor Society recognizes outstanding scholarship and exemplary character, with emphasis on community service and upholding the engineering cannon of ethics. New members are invited twice a year to join Tau Beta Pi based on academic standards and exemplary character. New members must be in the upper one-fifth of all engineering seniors or upper one-eighth of engineering juniors.

**College of Human Sciences**

**Kappa Omicron Nu** was established in 1990 with the consolidation of Kappa Omicron Phi and Omicron Nu. Omicron Nu was established at the University in 1922. The local chapter is Pi Chapter. Kappa Omicron Nu recognizes and encourages excellence in scholarship, research, and leadership. Undergraduates must have sixty (60) semester hours (at least fifteen [15] of which were completed at The Florida State University)
with a minimum 3.3 GPA. Graduate students must have twelve (12) semester hours with a minimum 3.5 GPA. New members are initiated at least once a year.

The Glenn Society was established in 2004 and named in honor of Hortense Glenn, who served as Dean of the College of Human Sciences from 1958 to 1972. The purpose of this honor society is to recognize students who have exhibited outstanding leadership and service while maintaining a high level of academic achievement. Each year no more than one percent of the student body of the College of Human Sciences is selected for membership. Undergraduate students are required to have completed ninety (90) or more semester hours (at least thirty [30] hours at The Florida State University and twenty [20] since declaring a major in the College of Human Sciences), a minimum GPA of 3.3 and evidence of leadership and service. Graduate students at the MS level must have completed at least two (2) semesters of course work as a major in the college, and Ph.D. students are required to have completed at least four (4) semesters in the college. For graduate students, a minimum GPA of 3.8 is required in addition to evidence of leadership and service. New members are inducted once per year.

College of Information
Beta Phi Mu, the Library and Information Studies International Honors Society, was founded in 1948, with the headquarters housed in the College of Information at The Florida State University. In 1957, the School of Information Studies founded the Gamma Chapter representing local members. Graduate students are invited to join once a year based on a 3.75 GPA and ranking in the top twenty-five percent (25%) of that year’s graduating class.

College of Law
The Order of the Coif was founded in 1902 and came to the University in 1979. New members are invited once a year from the top ten percent (10%) of the graduating class.

College of Music
Pi Kappa Lambda is an honor society dedicated to fostering scholarly interest in the theoretical and historical aspects of music and to the pursuit of eminent achievement in performance, composition, music education, music therapy, and research. Pi Kappa Lambda was founded in 1918 and established the Phi Chapter at the University in 1943. New members are chosen once a year based on scholarly achievement and musicianship. Juniors must be in the top ten percent (10%) of the class; seniors, in the top twenty percent (20%); graduate students must have an “A” in at least two-thirds of their courses.

School of Nursing
Sigma Theta Tau International, the scholastic honor society of nursing, was established in 1922. The University chapter, Beta Pi, was chartered in 1974. The society promotes health and illness prevention through the advancement of nursing leadership, scholarship, and administration. The society offers scholarships to graduate and undergraduate nursing students and lends partial support to alumni and faculty research and continuing education. Undergraduate nursing students are eligible for consideration once they have completed one-half of the nursing program and must rank in the upper thirty-five percent (35%) of their class, with a minimum GPA of 3.0. Graduate students are eligible for consideration once they have completed one-fourth of the graduate nursing program, provided they have a GPA of 3.5 or better.

College of Social Sciences
Pi Gamma Mu is open to students in anthropology, Asian studies, economics, geography, history, international affairs, political science, public administration, Russian and East European studies, social science, sociology, and urban and regional planning. The University chapter was founded in 1975. Students must have a minimum of twenty (20) semester hours in the above subjects with at least a 3.0 GPA and no social science grade of F, and, except for graduate students, must be in the upper thirty-five percent (35%) of their classes. Prospective members are also expected to have extracurricular activities related to the social sciences.

The Department of Economics hosts the Gamma chapter of the Omicron Delta Epsilon International Honor Society in Economics. Undergraduate requirements for membership are: junior or senior classification; a minimum of twelve (12) semester hours of economics courses completed; a minimum overall GPA of 3.0; and a minimum 3.0 GPA in economics courses. Graduate students must have completed at least one (1) semester of graduate work with at least a 3.0 GPA. Applicants from all majors are welcome.

Gamma Theta Upsilon is the honor society in the Department of Geography. The society was founded in 1931 and came to the University in the mid-1950s. The local chapter organizes lectures and field trips. Both undergraduate and graduate students are eligible, and invitations go out twice a year. A student must have a 3.0 overall GPA, must have a “B” in geography in at least three (3) courses, and must have completed at least three (3) semesters of college course work.

The honor society of the Department of Political Science is Pi Sigma Alpha. The society was founded in 1920 and a chapter was established at the University in 1954. Undergraduate and graduate students may apply if they have at least twelve (12) semester hours in political science (including public administration) with a 3.2 GPA and a 3.0 overall GPA.

Pi Alpha Alpha is the national honor society for the field of Public Administration. New members are invited semi-annually based on a 3.75 graduate GPA or better and a minimum of twenty-one (21) completed semester hours, both in their degree program.

The honor society for the Department of Sociology is Alpha Kappa Delta. The aim of the University chapter, Alpha, is to stimulate scholarship and maintain a fellowship for students, both at the graduate and undergraduate levels. Requirements for undergraduates include the following: junior or senior classification; a minimum of twelve (12) semester hours of sociology courses completed; a minimum overall GPA of 3.0; and a minimum 3.0 GPA in sociology courses. Graduate students must have completed at least one (1) semester of graduate work with at least a 3.0 GPA.

College of Social Work
The College of Social Work was the national founding chapter of Phi Alpha honor society. Phi Alpha fosters high standards of achievement for students and promotes humanitarian ideals through community service. Applications are taken twice a year. A student must have a 3.0 overall GPA, must have a “B” in at least one (1) semester of social work courses. Graduate students must have an overall GPA of 3.0, with a 3.25 GPA in at least nine (9) semester hours of social work courses. Graduate students must have a 3.5 overall GPA with nine (9) semester hours completed in social work.
COLLEGE OF ARTS AND SCIENCES

Dean: Joseph Travis; Associate Deans: Sam Huckaba, Joseph McElrath, Joseph F. Owens III.

A university education, properly realized, must be built upon an intellectually broadening program of study in the liberal arts. As critic Mark Van Doren has observed, “Liberal education makes the person competent—not merely to know or do, but also, and indeed chiefly, to be.” The essential curriculum of a college education, Van Doren explained, teaches students to learn progressively the arts of investigation, discovery, criticism, and communication. The Florida State University’s liberal studies curriculum, which is grounded firmly in courses offered by the College of Arts and Sciences, helps to develop these crucial intellectual values and critical skills in all undergraduate students. Majors in the College of Arts and Sciences, furthermore, enjoy the privileges and benefits of developing a richer appreciation of the humanities and the sciences—an appreciation that enhances the quality of students’ lives morally, intellectually, and professionally.

The oldest college at the University, the College of Arts and Sciences has provided generations of undergraduate students instruction in the liberal arts disciplines that are essential for intellectual development and personal growth: English and mathematics, history, the humanities, and the physical, biological, and behavioral sciences. At the graduate level, too, the contributions of the College of Arts and Sciences have been integral with the growth of the University. The first recorded master’s degree at the Florida State College for Women was awarded by the College of Arts and Sciences in 1911, and the first doctorate at The Florida State University was awarded in chemistry in 1952.

Over the decades, various professional schools have been established at the University, and several colleges and schools have separated from the College of Arts and Sciences to become individual administrative entities. Today, 75 percent of the Liberal Studies Program and over 40 percent of University instruction, generally, are offered by the College of Arts and Sciences. Furthermore, the college conducts a large percentage of the sponsored research at the University. Currently, the College of Arts and Sciences annually awards the largest number of doctoral degrees at the University.

The College of Arts and Sciences comprises 19 departments, 17 centers and institutes, and 22 interdisciplinary programs. In addition to awarding bachelor of science (BS), bachelor of arts (BA), master of arts (MA), and doctor of philosophy (PhD) degrees, and heavily supporting the Liberal Studies Program, the College of Arts and Sciences offers an extensive array of foundation courses for preprofessional and professional programs.

College of Arts and Sciences faculty have earned national and international recognition for research, teaching, and distinguished service to the profession. The faculty of the college has included members of the National Academy of Sciences, Nobel Laureates, a Pulitzer Prize winner, directors of national commissions, university presidents, and numerous winners of other national or international honors. Locally, University committees have named several arts and sciences faculty Daisy Parker Flory and McKenzie Professors, and more than two dozen of the college’s faculty have been selected University Distinguished Professors. More than 150 arts and sciences faculty members have won University Teaching and Advising awards, Developing Scholar awards, and Martin Luther King, Jr. Distinguished Scholar awards.

Students in the College of Arts and Sciences have been recipients of a wide variety of honors, including a Rhodes Scholarship, TIME Magazine and Rotary awards, McKnight and Patricia Roberts Harris Fellowships, Goldwater Scholarships, professional society scholarships, and other nationally recognized awards. Among the graduates of the college are scientists, writers, doctors, chief executive officers of major corporations, lawyers, school and college teachers and administrators, and other highly regarded professionals.

Facilities

The College of Arts and Sciences is housed in 21 buildings on the main campus and at off-campus field stations. Arts and sciences research activities are conducted at various locations around the world—from an archaeological site in Cetamura, Italy, to the Antarctic. Special facilities of the college include the Van de Graaf Nuclear Accelerator, the Proton-Induced X-Ray Emission Laboratory, the Statistical Consulting Center, and the Marine Laboratory on Apalachicola Bay. In addition, the National Park Service’s Southeast Archaeological Center is a major repository of artifacts heavily used by anthropology majors. The college also staffs a large number of other specialized research and teaching laboratories: computer laboratories, radioisotope laboratories, a nuclear magnetic resonance lab, fluid dynamics and ocean modeling labs, language and writing labs, and other facilities. The National High Magnetic Field Laboratory at Innovation Park also provides superb research experiences for faculty and students. Many departments maintain their own libraries of journals, books, and reference materials.

Opportunities

Departments in the College of Arts and Sciences work with various programs, schools, and colleges to offer cooperative and interdisciplinary degree programs. For example, majors in the college may pursue bachelor of arts (BA) degrees in English or modern languages with an emphasis in business, and they may apply for the one-year joint baccalaureate/MBA program. Editing internships in the Department of English offer excellent preprofessional experience; the secondary science and/or mathematics teaching major certifies students to teach in two discipline areas, and several science departments provide hands-on research opportunities for undergraduates. Humanities, American studies, and Latin American and Caribbean studies majors are taught by faculty from several departments in the College of Arts and Sciences. An arts and sciences major may minor in journalism through the cooperative program offered with Florida Agricultural and Mechanical University. Students in arts and sciences help to edit and publish two campus literary magazines and often work on the staff of campus newspapers. Additionally, administrators, faculty, and students in arts and sciences are major participants in the Florence and London overseas study programs.

Unique Residential Halls

The College of Arts and Sciences helps to sponsor two residence-based learning communities, the Bryan Hall Learning Community and a program for Women in Math, Science, and Engineering (WIMSE). These programs are available to students residing in Bryan Hall and Jennie Murphree Hall, respectively. The Bryan Hall experience, available to first-year undergraduate students regardless of intended major, integrates residential life and academic life in a way that is unique on the University campus. The WIMSE program provides support for undergraduate women in the specified academic areas by offering role models, guest speakers, panel discussions, tutoring, opportunities for field trips, etc. Students seeking more information about either of these two programs should inquire of the University Housing Office.

Scholarships and Awards

Students in the College of Arts and Sciences are eligible for various types of scholarships and grants administered centrally by the University. The College of Arts and Sciences also gives an award to every major elected as a junior to Phi Beta Kappa. All departments in the college administer undergraduate scholarship and award programs; most scholarships are awarded via nominations from departments within the college.
Requirements

All students must meet the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin. In addition, all students receiving a degree from the College of Arts and Sciences must satisfy the requirements listed in the following paragraphs.

In order to enroll in the College of Arts and Sciences, an undergraduate must be certified by the Division of Undergraduate Studies or be a transfer student with fifty-two (52) or more semester hours of accepted credit. Successful completion of CLAST also is required. Admission to the College of Arts and Sciences requires at least a 2.0 grade point average (GPA) in prior academic work and that the student be in good standing with the University. Since individual departments may stipulate higher admission standards, students should consult the appropriate chapter of this General Bulletin for specific requirements.

Students who wish to pursue graduate study in the College of Arts and Sciences must apply through the Office of Admissions and must be accepted for graduate study by the intended department or program. Those interested in graduate work in the college should therefore consult the “College of Arts and Sciences” entry and departmental or program chapters of the Graduate Bulletin.

Students enrolled in the College of Arts and Sciences may concurrently prepare for, and become certified in, various professional programs. This is made possible by the cooperation of professional schools within the University with various College of Arts and Sciences departments that have established programs with special emphasis in certain professional areas.

Requirements for Baccalaureate Degrees

Liberal Studies. All areas of liberal studies must be satisfactorily completed. Students must have an overall GPA of at least 2.0 in their liberal studies courses. Students who entered the upper division after summer 1983 must have a “C–” or better in each course in Areas I, II, and IV. Note: All transfer students must have completed at least six (6) semester hours of English composition, three (3) semester hours of mathematics, three (3) semester hours of history, six (6) semester hours of humanities, and six (6) semester hours of natural sciences in order to satisfy College of Arts and Sciences requirements. Students who did not complete these courses at their previous institution will need to do so at the University.

Foreign Language. The College of Arts and Sciences requires that bachelor of arts and bachelor of science students be proficient at the intermediate level in one language other than English. Students may satisfy the requirement by completing course work through the 2000 level (2200 or equivalent course) of a classical or modern foreign language. Those with a 2.5 GPA may take these courses on a satisfactory/unsatisfactory (S/U) basis, so long as they meet the University deadline for declaring this intention. A student taking course work to fulfill the college’s foreign language requirement must earn at least a “C–.” Hours used to fulfill the foreign language requirement may not be counted toward a major or a minor. For exceptions to this policy, students should contact the College of Arts and Sciences. Native speakers of another language and other students who wish to demonstrate proficiency by means other than course work should consult the Department of Modern Languages and Linguistics.

Please note that the college’s classical or modern foreign language requirement is more extensive than the University’s foreign language admissions requirement. It is important to understand that, although completion of two years of high school foreign language courses or two semesters of postsecondary foreign language will satisfy the University’s admissions requirement, these courses do not satisfy the College of Arts and Sciences’ foreign language graduation requirements for BA and BS students. Please consult the “Admissions” section of this General Bulletin for more information.

Beginning Fall 2002, all students who intend to continue study of a modern foreign language at The Florida State University in which they have previous experience (such as high school study or study abroad) must be placed into the appropriate course by the Department of Modern Languages and Linguistics. Students in French, German, and Spanish who continue with the same language must take the placement test before they enroll in a course in the Department of Modern Languages and Linguistics. Students in other languages must consult the department for the appropriate placement procedures before enrolling.
The Florida State University does not currently offer modern foreign language or classical language instruction at the Panama City campus. Therefore, students pursuing BA or BS degrees in the College of Arts and Sciences at the Panama City campus may count as part of their sixty (60) semester hours of senior institution work a maximum of twelve (12) semester hours of courses taken at Gulf Coast Community College, Pensacola Junior College, Okaloosa-Walton Community College, Chipola Junior College to satisfy the language requirement. These hours will count toward the sixty (60) semester hours only if they are taken subsequent to the students’ upper-division enrollment at the Panama City campus.

**Summer Requirement.** Students who enter one of the ten state universities with fewer than sixty (60) semester hours of transfer credit must complete nine (9) semester hours of course work during the summer at any of the ten institutions of the State of Florida, Division of Colleges and Universities. Effective Summer 2002, entering freshmen will be exempt from the summer term requirement if they have earned at least nine (9) semester hours of credit through approved acceleration mechanisms. Requests for waivers of the summer requirement (normally for reasons of regular summer employment) must be approved in the Office of the Dean of Arts and Sciences and by the Dean of the Faculties.

**Upper-Level Course Work.** Students must complete at least forty (40) semester hours of 3000-4000 level courses to receive their degree. Courses transferred from another school may count toward this requirement if the equivalent Florida State University course was numbered 3000 or above at the time the course was taken.

**Senior Institution Hours.** At least sixty (60) semester hours of course work must be completed at a senior institution (i.e., not a community college).

**Repeated Courses.** Credit can only be given one time per course. If, for example, a student receives a “D” grade in a course and then repeats it, the student will not receive duplicate credit. This will most frequently affect a student’s total hours and/or upper-level hours.

**Physical Activity and Other Activity Courses.** The University will allow a maximum of two (2) semester hours of physical activity courses to count toward a degree (e.g., tennis, sailing). Students who attended a community college and received an AA may have already taken two (2) or more semester hours in this area. The University will not take away any hours from an AA; however, any additional courses taken in this area after the AA may not count toward the total hours needed to graduate from The Florida State University. No more than eight (8) semester hours can be taken in applied music, physical activity, or office skills courses, combined.

**Minor.** Most majors in the College of Arts and Sciences also require a completed minor. Exceptions include Latin American and Caribbean studies/business, secondary science/math teaching, humanities, foreign language/business, English/business majors, Middle Eastern studies, and certain science programs with collateral minors. Students completing a double major do not have to complete a minor. Students pursuing two degrees (dual certificate or a second baccalaureate degree) must have a separate minor for each degree that is awarded by this college. If one of the degrees is to be awarded by another college in the University, that dean’s office will specify any minor requirements. While many minors require only twelve (12) semester hours, others require as many as eighteen (18) semester hours. No courses used for satisfying liberal studies requirements or a major may also be counted toward the minor. Normally, the student’s minor will be in a different department than the major. In a few cases it may be possible to take the minor in a different program, but within the same department as the major. Students wanting to pursue that possibility must consult with their departmental advisor.

**Grade Point Average.** The University requires students to have a GPA of at least 2.0 in order to receive a bachelor’s degree. Certain programs have established required exit GPAs that are above the 2.0 level; please consult the individual departmental listings.

**Residency.** A student’s final thirty (30) semester hours must be completed at The Florida State University. Petitions for waivers of this requirement must document extenuating circumstances and be submitted through the Office of the Dean of Arts and Sciences prior to a review by the Dean of the Faculties. Students taking courses at another senior institution or by correspondence must request that a final official copy of their grades immediately be sent to the University. These grades must be added to the University transcript before the degree can be posted.

**Incomplete Grades.** “I” grades completed after the degree is posted will not be recorded. The “I” will simply remain an “I.”

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**Research Facilities and Special Programs**

- Center for Materials Research and Technology
- Center for Ocean-Atmospheric Prediction Studies
- Geophysical Fluid Dynamics Institute
- Institute for Molecular Biophysics
- Program in Neuroscience
- Office of Science Teaching Activities

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**Requirements for the Second Baccalaureate Degree or Dual Certificate**

A student completing a second bachelor’s degree in the College of Arts and Sciences must complete at least thirty (30) semester hours at The Florida State University, in addition to the required hours for the first degree. The student must complete a new major and a new minor (with no overlap between these and the first major and minor), the Arts and Sciences Liberal Studies requirements, and demonstrate satisfaction of the College of Arts and Sciences foreign language requirement.

**Note:** To distinguish between second baccalaureates and second majors, see the appropriate paragraph under “Undergraduate Degree Requirements” in this General Bulletin.

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**Honors Program**

The College of Arts and Sciences offers honors in the major in all departmental and interdisciplinary programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.
The mission of the College of Business is to provide high quality undergraduate and graduate instruction, high quality applied, empirical, and theoretical research, and significant quality service to stakeholders, our profession, and the world community. This commitment to quality is reflected in three essential areas: a talented and dedicated faculty; an outstanding student body; and a close relationship with the business community.

General Information

The College of Business is one of a select group of business programs in the country fully accredited by AACSB-International. This accreditation includes all undergraduate and graduate programs in business and separate accreditation of the programs in accounting.

Since its founding in 1950, the College of Business has provided quality business education to over 30,000 alumni who have gone on to positions in regional and national organizations. The college, through its faculty, curricula, and programs, is committed to educating and developing its students for careers as future business executives and leaders.

Over the years the College of Business has been successful in building a very capable and motivated business faculty. Faculty members throughout the several business disciplines are very productive researchers and effective teachers. These faculty members also maintain important contacts with the business community through various types of service and applied research activities.

As a result of its capable and dedicated faculty, the College of Business has been able to attract highly qualified students. Business students have strong analytical and communicative aptitudes and have a spirit of enterprise and creativity. The interaction of these students with highly qualified business faculty, coupled with well-designed business program options, creates a stimulating learning environment.

The achievements of the College of Business have been recognized by the business community in the form of development funds for scholarships, endowed chairs, professorships, teaching and research grants, and other program activities.

Programs Offered

The college offers curricula leading to the degrees of bachelor of science (BS), bachelor of arts (BA), master of business administration (MBA), master of accounting (MAcc), master of science in management (MSM), master of science in management information systems (MSMIS), and doctor of philosophy (PhD) in business administration. The College of Law and the College of Business offer a joint-degree program leading to the juris doctor (JD) and the master of business administration (MBA) degrees.

At the undergraduate level, students major in either accounting, entrepreneurship and small business management, finance, hospitality administration, human resource management, management, management information systems, marketing, multinational business operations, professional golf management, real estate, or risk management and insurance. Students may also pursue a double major by satisfying the requirements of each curriculum.

The master of business administration (MBA) program is a twelve month program designed for students who have an undergraduate business degree (or who have completed a specific set of prerequisite business courses). The program is offered on a full-time and part-time basis. The full-time program begins once each year in the Summer term. The part-time program begins once each year in the Spring term. Students are encouraged to have at least two years of work experience prior to entering the MBA program. The part-time MBA program is also offered online for students outside the Tallahassee area. The online MBA program begins each fall.

The master of accounting (MAcc) program is designed to allow the student to concentrate in either assurance services, accounting information systems, corporate accounting, or tax accounting. This program provides students with greater breadth and depth in accounting education than can be accomplished in the baccalaureate program.

The master of science in management program (MSM) with a major in risk management/insurance is taught online. It is designed for professionals who wish to study part-time to advance and enhance their careers in the risk management/insurance industry.

The master of science in management information systems (MSMIS) program prepares students for careers in information systems analysis and design. The program is designed for students with a background in business who are looking to enhance their information systems development skills and/or change careers to management information systems. The program is taught online.

The objective of the doctoral program in business is to prepare students for careers in university teaching and research, as well as for selected administrative and research positions in industry and government. Students receive the doctor of philosophy in business administration and concentrate in either accounting, finance, management information systems, organizational behavior and theory, strategic management, marketing, or risk management and insurance.

Institutes and Centers

The Jim Moran Institute for Global Entrepreneurship provides services to small businesses throughout Florida. It also provides students with opportunities to consult with and learn from successful entrepreneurs. The Carl DeSantis Center for Executive Management Education sponsors numerous outreach programs that strengthen the relationship between College of Business faculty and the business community. The Institute for Business Research and Service provides a broad mix of basic and applied research, workshops, conferences and publications to industry and government. Its activities are implemented through a number of centers in the following areas: human resource management; marketing; banking; information systems; hospitality administration; insurance; procurement; and real estate.

Facilities

The Charles A. Rovetta Business Building is ideally located near the center of campus adjacent to Strozier Library and the Oglesby Union. It contains modern classrooms, faculty and staff offices, and numerous support facilities. The College of Business Technology Center houses state-of-the-art computer laboratories and training rooms. It provides students access to the latest technology used in business. The Business Placement Center assists students in their employment search with services ranging from resume preparation to on-campus interviews with potential employers. The College of Business Undergraduate Programs Office and Advising Center provides students a wide variety of advising services.

The Dedman School of Hospitality is located in the South Building of the University Center, which provides for the specialized academic/training objectives established by the school. In addition to classrooms, this state-of-the-art facility provides hospitality students with teaching kitchens, a satellite technology center, a publication resource center, and a placement center. The building also contains an affiliated professionally managed city club that provides hospitality students with real-world food and beverage experience in elegant surroundings.

Opportunities

The College of Business programs are designed to provide high-quality business education to its students. This goal is accomplished through the following instructional objectives:

1. The curriculum instills in students a sense of ethical values and an appreciation of their responsibility for contributing to the continuing advancement of our culture and for dealing with emerging societal problems;

2. The curriculum provides a thorough understanding of the methods of analysis used in identifying and solving the more difficult intellectual problems met by professionals and/or managers who are involved in policy-making;
3. The curriculum develops within students a spirit of enterprise based on imaginative and creative ability so that they will be willing to venture into new business and organizational activities and to initiate new concepts of management;
4. The curriculum increases students’ abilities to communicate ideas clearly and to appraise critically both written and spoken discourse and offers opportunities for in-depth study in the areas of the behavioral, quantitative, and information sciences.

Using these objectives as its guide, the College of Business has created an active, stimulating learning environment for both students and faculty. As part of this environment, students participate in independent study, research, laboratory experimentation, field experience, discourse, and scholarly writing.

Scholarships/Awards

Faculty

The College of Business possesses several eminent scholar chairs and numerous professorships. These prestigious faculty positions are occupied by outstanding scholars in various disciplines of business. These faculty not only conduct research, but teach at both the graduate and undergraduate levels.

Student Awards and Honors

A number of organizations are available to students in the College of Business. These organizations include service clubs as well as honor societies. The most prestigious honor society in business is Beta Gamma Sigma. This national honor society for business students was founded in 1913. The Florida State University chapter was established in 1962. Election to membership is the highest honor one can achieve in academics in the business area. Membership is available to both undergraduate and graduate students and is based upon outstanding academic achievement.

Scholarships

The College of Business offers several types of scholarships and financial aid for both undergraduate and graduate students. At the undergraduate level, the funding sources for the scholarships include the College of Business, specific individuals and firms, and various state and national industry associations. The amount and selection criteria of each award vary according to the program the award supports and the funding source. In addition to scholarships, the College of Business and the University provide numerous opportunities for part-time work as student assistants.

At the graduate level, the College of Business provides a number of fellowships to master’s and doctoral students. Graduate research and teaching assistantships are also provided to doctoral students and master’s students.

Requirements

All of the undergraduate programs in the College of Business are designated as limited access programs. To pursue any major in the College of Business, students must meet the admission requirements for these limited access programs. All majors in the College of Business have the admission requirements listed below.

Students should complete the prerequisite courses required for admission during their first three to four semesters of college work. Students attending Florida community colleges should complete the prerequisite courses required for admission while fulfilling general education requirements leading to the associate in arts (AA) degree. Electives taken in the first two years, after fulfilling general education requirements and the prerequisites for admission while fulfilling general education requirements, may be used to satisfy part of the general business breadth requirements and part of the major area requirements.

Admission Requirements

Admission to the limited access programs in the College of Business is based on availability of faculty and space by discipline. For each admission cycle (academic year), a minimum grade point average (GPA) is established by the College of Business that limits enrollment to a number of students consistent with the available faculty and space.

In order to be eligible for admission to one of the limited access programs in the College of Business, the student must complete the following requirements:

1. Must have completed at least fifty-two (52) acceptable semester hours;
2. Must have compiled the required GPA (based on all attempted course work at the college level) that is in effect for the term in which application is made. The required GPA may change each year; information regarding the current required GPA is available at http://www.cob.fsu.edu;
3. Must have completed all the State of Florida Common Course Prerequisites for Business Programs listed below except for ACG X071. All business students, except accounting majors, must complete ACG X071 prior to graduation, but not necessarily prior to admission to one of the limited access programs. Accounting majors at The Florida State University are not required to complete ACG X071 and may only take MAC X233.

State of Florida Common Course Prerequisites

1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071 (not required of students majoring in accounting at The Florida State University);
3. CGS X100*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or QMB X100.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Course Requirements

All undergraduate business students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for business; 3) the general business core requirements; 4) the general business breadth requirements; and 5) the major area requirements for their chosen major.

General Business Core Requirements

All business students (except accounting majors, see note below) must complete the following five courses. A grade of “C–” or better must be earned in each course.

BUL 3310 The Legal Environment of Business (3).*
FIN 3403 Financial Management of the Firm (3).
GEB 3213 Business Communications (3).
MAN 3240 Organizational Behavior (3).
MAR 3023 Basic Marketing Concepts (3).

Note: Courses marked with an asterisk (*) are not required of accounting majors; accounting majors must complete BUL 3330 with a grade of “C–” or better as part of their major area requirements.

General Business Breadth Requirements

All business students must complete five (5) of the following courses. The specific courses that must be completed to meet general business breadth requirements vary by major. Please refer to the appropriate departmental chapters of this General Bulletin to aid in selecting specific courses to meet these requirements for each major. Each course selected must be completed with a grade of “C–” or better. No course may be used to satisfy part of the general business breadth requirements and part of the major area requirements.

HFT 3240 Managing Service Organizations (3).
ISM 3011 Introduction to Management Information Systems (3).*
MAN 3504 Services Operations Management (3).
MAN 3600 Multinational Business Operations (3).
MAN 4720 Strategic Management and Business Policy (3).
MAR 3700 Professional Selling (3).
QMB 3200 Quantitative Methods for Business Decisions (3).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Note: Courses marked with an asterisk (*) may not be taken by management information systems majors.
Major Area Requirements

Students must meet the major area requirements for their chosen major. These requirements are described in the appropriate departmental chapter of this General Bulletin. Students may major in:
- Accounting
- Entrepreneurship and Small Business Management
- Finance
- Hospitality Administration
- General Management (see Department of Management)
- Human Resource Management (see Department of Management)
- Management Information Systems
- Multinational Business Operations
- Marketing
- Professional Golf Management (see Dedman School of Hospitality)
- Real Estate (see Department of Risk Management/Insurance and Real Estate)
- Risk Management and Insurance

Academic Policies

1. Students are required to meet College of Business graduation requirements specified in the University General Bulletin in effect at the time they are admitted to one of the limited access programs in the College of Business, or subsequent General Bulletins including the General Bulletin in effect at the time they graduate, provided they graduate within a period of six years from the date of first entry.

2. Changes to this General Bulletin that have been formally approved prior to Fall 2006, but not in sufficient time to meet publication deadlines, will be effective Fall 2006. Students can receive information on these changes in the undergraduate programs office of the College of Business;

3. All students must complete an official pregraduation check in the undergraduate programs office of the College of Business during the first three weeks of the semester prior to the semester in which they plan to graduate;

4. All students must apply for graduation at the Office of the University Registrar during the first two weeks of the semester in which they plan to graduate;

5. A minimum of thirty (30) semester hours of the general business and major area requirements must be taken at The Florida State University.

6. Transfer of upper-level business courses must be from business colleges at other senior institutions, must carry prerequisites similar to those of the courses they are replacing, and must be approved by the Dean of the College of Business. In evaluating this transfer credit, emphasis will be given to courses taken at other AACSB-International accredited business programs;

7. Students are not allowed duplicate credit hours for courses repeated in which they have made a “D” or better;

8. The only College of Business courses that may be taken on a satisfactory/unsatisfactory (S/U) basis are those courses restricted to S/U grades only.

Requirements for a Minor in Business

Students majoring in areas outside the College of Business may receive a minor in general business. The general business minor consists of eighteen (18) semester hours, including ECO 2013 and 2023, and any four (4) business courses. At least two (2) of the four business courses must be completed at The Florida State University. Any business course taken at another institution must be approved by the College of Business before it will be counted toward a business minor. A grade of “C-” or better must be earned in each course in the minor.
COLLEGE OF COMMUNICATION

Dean: John K. Mayo; Associate Dean: Gary R. Heald (Academic Affairs); Assistant Dean for Student Affairs: Barbara C. Robinson

American society is enmeshed in an all-encompassing and ever-expanding web of human and technological channels of communication. People encounter the changing terminology and technology of communication on a daily basis. The definition of this complex and ever-changing world of communication, the explanation of its assorted functions, and the understanding of its multitude of effects underlie the teaching, research, and service missions of the College of Communication at The Florida State University.

The roles of the College of Communication are: 1) to study the human communication process in all its ramifications through basic and applied research; 2) to transmit the knowledge thus acquired through undergraduate and graduate teaching; and 3) to serve the University, the state, the nation, and the world by applying its expertise to the solutions of human and institutional communication problems.

The college offers a unique and integrated series of communication degree programs at the undergraduate level. The curriculum covers the whole of human communication (both normal and disordered), speech and interpersonal communication, group and organizational communication, as well as mass-mediated and interactive, computer-based communication.

The College of Communication offers both academically and professionally-oriented courses of study. Each curricular sequence integrates knowledge about human communication from a variety of scientific, humanistic, and artistic perspectives, as well as business, government, and other professional orientations.

The interests and activities of the College of Communication are extensive. Faculty members from the college serve as officers in professional and academic societies and associations. A series of journal publications, books, convention papers, and monographs have established a number of faculty as leaders in their respective fields.

Undergraduate Degree Programs

Programs of study leading to the bachelor of arts (BA) and bachelor of science (BS) degrees are offered through the Department of Communication Disorders and the Department of Communication. Each major within the college is part of a limited access program requiring a separate application. Admission to each major is competitive. Interested students should indicate their major preference on their University application and seek advising through the College of Communication. See department entries in this General Bulletin and the college Web site, http://www.comm.fsu.edu, for specific information regarding departmental application requirements. Candidates for the baccalaureate degrees also must comply with general University regulations governing these degrees and must complete the major and minor requirements of one of the departments identified above. (See departmental entries for specific area concentrations and requirements.) To be awarded the BA degree, the student must complete the specified university-wide requirements for that degree.

Requirements for the Second Baccalaureate Degree (Dual Certificate)

A student completing a second bachelor’s degree in the College of Communication must complete at least thirty (30) semester hours at The Florida State University, in addition to the required hours for the first degree. The student must complete a new major and a new minor (with no overlap between these and the first major and minor).

Note: To distinguish between second baccalaureates and second majors (also known as double majors), see the appropriate paragraph under “Undergraduate Degree Requirements” in this General Bulletin.

Honors in the Major

Both communication and communication disorders offer an honors program in the major. It is designed to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Dean’s List

Students who in any term carry a full-time course load of twelve (12) or more letter-grade semester hours with a grade point average (GPA) of 3.5 or above earn the distinction of being on the dean’s list.

Graduate Degree Programs

Students making application for admission to one of the departmental graduate programs must also apply through the University Office of Admissions (http://admissions.fsu.edu).

Communication Disorders

Programs of study leading to the master of science, master of arts, advanced master’s, and doctor of philosophy degrees are available in the Department of Communication Disorders (see the departmental entry in the Graduate Bulletin and the college Web site, http://www.comm.fsu.edu, for complete descriptions).

Communication

The graduate programs in communication offer several specialized emphases leading to the master of arts, master of science, and doctor of philosophy degrees (see the departmental entry in the Graduate Bulletin and the college Web site, http://www.comm.fsu.edu, for complete descriptions).

Research and Service Facilities

The College of Communication offers students enriched learning experiences through a variety of teaching, research, and/or service laboratories.

The Florida Government Performance Survey Research Center helps Florida government agencies determine how well they are meeting the needs of their customers. It also offers strategies to improve communication and organizational performance of state and local governments. It conducts public opinion polls, work climate and other employee surveys, and web-based surveys, as well as media audience studies, readership surveys, message testing, focus groups, performance evaluation and communication audits.

The communication science laboratories provide facilities for the study of physical and psychological aspects of sound, speech, voice, and language. The Speech Science Laboratory has specialized equipment enabling analyses of duration, intensity, spectral, and fundamental frequency aspects of speech. Instrumentation and procedures for the forensic study of speech enable the detection of signals of noise and speaker identification from recorded speech samples. The Voice Science Laboratory includes computer-interfaced instrumentation for measuring vocal intensity and pitch, aeromechanical aspects of voice and resonance, and physiological functioning of respiration and the vocal apparatus. The Hearing Science Laboratory utilizes computerized instrumentation for basic research on loudness, pitch, binaural hearing, and the temporal aspects of hearing, as well as for the study of hearing sensitivity using a variety of auditory stimuli. The facility includes two sound-attenuated suites and an electronics shop. The Emerging Language Laboratory includes equipment for recording, editing, and analyzing audio and video samples of speech and language discourse and social interactions. On-site recording facilities accommodate small groups of children and children with their parents. Portable equipment is available for field recordings. Software programs for analyzing language samples and summarizing results are available. The Adult Language Laboratory provides facilities for the study of social and communication problems associated with acquired brain injury and illness in adults. These facilities are equipped with evaluation instruments and materials, audio/video equipment, and computers to facilitate data analysis.

The Speech and Swallowing Laboratory includes instrumentation to study the physiology/kinesiology of the speech/swallowing mechanism. Measurement techniques include surface electromyography, acoustic mea-
sures, and measures of strength and endurance. Work in this laboratory is designed to develop or refine techniques for the evaluation and treatment of individuals with speech and swallowing impairments.

The Augmentative and Alternative Communication Laboratory provides student clinicians with opportunities to learn about the evaluation and treatment of children and adults with severe communication disorders. The facility includes dedicated electronic communication devices with voice output, switches, keyboards, software programs, and other computer-based systems.

The NeuroCom-NeuroCog Research Laboratory is directed by Francis Eppes Professor of Communication Disorders Leonard L. LaPointe. The focus of this lab is to investigate cognitive-linguistic interactions, particularly regarding the relationship of attention and memory to speech and language.

The Florida State Center for Autism and Related Disabilities (CARD) was established in 1993 and is one of seven similar centers in the state. Over 1200 individuals with autism or related disabilities have been identified in the 18 Florida panhandle counties served by the Florida State Center. The center provides services to eligible individuals for communication, social, and behavior problems, and provides information, consultation, and technical assistance to families and professionals. The center also trains professionals and pre-professionals who serve, or are preparing to serve, the client population.

Teaching Facilities

The Production Center combines state-of-the-art media production complexes that support the video and audio production activities of the Department of Communication. The Production Center houses a variety of equipment and facilities: a fully equipped television studio; video-editing suites in several formats; field production cameras and recorders in each of those formats; computerized on and off-line editing, digital video effects, and computer animation capabilities; non-linear editing; and on-site engineering and management support. The facility was designed around the principle that students need maximum exposure to the equipment to develop the competency required in media production fields.

The interactive communication computer lab facilities are used for instruction and for the production of multimedia products. The mission of the program is to provide training and real-world experience to students in the Department of Communication. In fulfillment of this mission, the graduate program actively seeks partnerships with corporations, government agencies and other organizations interested in developing products and services that use technology in innovative ways to meet specific information, communication and educational needs. The graduate curriculum provides instruction in the integration of new communication technologies, e-commerce, social, organizational and educational arenas. Building on a solid base of research in communication and interactivity, students learn how to analyze problems and present practical solutions.

WVFS-FM (V-89) is The Florida State University’s student-operated college radio station. Communication students work at V-89 for college credit and are responsible for programming, announcing, news and sports coverage, and all other station operations. V-89 is “the Voice of Florida State,” providing campus information and alternative music programming. V-89 has been the recipient of several national programming awards, and is now available on the World Wide Web through streaming video at: http://www.wvfs.fsu.edu.

Seminole Productions is the Department of Communication’s video production unit. Seminole Productions provides a variety of services to other campus departments. One major client is the athletic department. Seminole Productions also produces the weekly University sports highlight show, Seminole Uprising, which reaches over two million households in Florida via the Sunshine Network. Students have numerous opportunities to become involved with Seminole Productions.

The L. L. Schendel Speech and Hearing Clinic is the primary teaching laboratory for students enrolled in the communication disorders master’s degree programs. This 40-room facility is the central focus of learning and service activity. Videotape laboratories, diagnostic audiology instrumentation, sound isolation rooms, electronic communication devices, and a complement of other clinical resources serve the program’s needs for clinical management and instruction.

The College of Communication maintains seven fully-equipped computer laboratories. While some labs serve specific program areas, others are available for general instruction and research. The labs are equipped with a full complement of personal computers and laser printers, all of which are connected to the college’s network. Connectivity to the network allows faculty and students to share data and collaborate on projects.

The labs’ personal computers include a full array of commercial software for word processing, spreadsheet development, database management, and academic applications for statistical and content analysis. Some of the labs serving the Department of Communication include hardware and software for fully integrated desktop publishing and video applications. The Department of Communication Disorders offers labs equipped with hardware and software for language sample analysis, instructional material development, and desktop publishing. Certain labs also include hardware and software for nonlinear video editing.
A criminology and criminal justice major who applies for readmission to the college must meet the Criminology and Criminal Justice degree requirements of the *General Bulletin* in force on the date of readmission.

**Major Requirements**

To major in criminology and criminal justice, a student must complete thirty-six (36) semester hours in criminology, including three (3) core courses (see below). An optional one-semester full-time (fifteen [15] semester hour) internship is available. If a student chooses to take the internship, only three (3) of the fifteen (15) semester hours will count toward the required thirty-six (36) semester hours in the major. Majors in the program are required to complete a minor or second major in another department or program outside the College of Criminology and Criminal Justice, and they must meet all requirements stipulated by that department or program.

For students transferring from another four year university, at least twenty-seven (27) semester hours must be earned at Florida State University in the College of Criminology and Criminal Justice; the university requires the last thirty (30) semester hours prior to graduation be taken at Florida State University. In addition, all regular University requirements must be met for either the bachelor of arts (BA) or the bachelor of science (BS) degrees.

**Core Courses**

The core courses are Criminology (CCJ 3011), Introduction to Criminal Justice (CCJ 2020), and Introduction to Research Methods in Criminal Justice (CCJ 4700). The core courses are expected to be taken at Florida State University. A minimum grade of “C” (2.0) must be obtained in each core course.

**Internships**

A variety of internships are available at the local, state, and federal levels in the fields of law enforcement, courts, corrections, criminal justice planning, criminological research, and private sector opportunities. The internship is available for juniors and seniors who have completed the core courses (CCJ 2020, 3011, 4700) and have satisfied the CLAST requirement. The intern receives a satisfactory/unsatisfactory (S/U) grade, and full credit is given upon successful completion of both the academic component and the work hours.

Students are advised that information pertaining to all matters of public record, such as arrests and convictions, may be required by the agencies accepting interns. Although a reasonable effort is made to place a student in an internship, the University will not be liable if a student cannot be placed. Students are usually responsible for all living and transportation expenses during the field experiences.

**Minor Requirements**

A minor in criminology and criminal justice may be obtained upon completion of four (4) classes. Introduction to Criminal Justice (CCJ 2020) and nine (9) additional semester hours in criminology and criminal justice are required for a total of twelve (12) hours. CCJ 2020 (CCJ 1020) may be taken at the community college level prior to admittance to Florida State University. Students cannot take CCJ 4905r, Directed Individual Study, CCJ 4933r, Seminar in Criminology, or CCJ 4938r, Special Topics in Criminology, to fulfill the minor. Grades of “C–” or better are required for all coursework in the minor.

**Certificates**

The College of Criminology and Criminal Justice offers four certificate programs: corrections, law enforcement, security administration, and underwater crime scene investigation (offered at the Panama City Campus only).
Honors in the Major

The College of Criminology and Criminal Justice encourages its honors students to participate in the honors in the major program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Bachelor’s to Master’s Degree Program

The College of Criminology and Criminal Justice offers a combined bachelor’s to master’s degree program (BS-MS). This program provides eligible undergraduate students the opportunity to take up to twelve (12) semester hours of graduate coursework (with the permission of the appropriate instructor). These twelve (12) semester hours may count toward both the BS and MS degrees.

Program Requirements

1. Have completed ninety (90) semester hours of undergraduate coursework;
2. Have a minimum GPA of 3.25; and
3. Meet with an academic advisor to determine eligibility for the combined degree program.

Note: Enrollment in the combined program does not guarantee acceptance to the graduate program in the College of Criminology and Criminal Justice. Students must still apply to and meet all graduate requirements of the graduate program.

Student Activities

Alpha Phi Sigma is the nationally recognized honor society of students in criminology and criminal justice. The society recognizes academic excellence of undergraduate and graduate students with a declared criminology/criminal justice major or minor. To become a member, a student must have completed one third of the total hours required for graduation at his or her institution. The local chapter advisor or faculty member must recommend the student. Undergraduate students must maintain a 3.0 overall GPA and a 3.2 in their criminology and criminal justice courses. The student must also rank in the top 35% of their class and have completed a minimum of 4 courses within the criminology and criminal justice curriculum. Graduate students are required to maintain a GPA of 3.4 in all courses. For additional information about the history of Alpha Phi Sigma and application forms, please stop by the Student Services Office in the Hecht House.

The American Criminal Justice Association-Lambda Alpha Epsilon is devoted to continuing high levels of professionalism in all areas of criminal justice. Any student committed to the field of criminal justice is invited to participate. The chapter holds regular meetings to provide members opportunities to exchange ideas and information about their respective jobs and through the sponsorship of special programs of interest to the general membership. The Lambda Chapter of ACJA has much to offer students including a pistol team, a crime scene team, and an academic team.

Scholarships, Awards, and Financial Aid

There are several scholarships available to students majoring in criminology and criminal justice. Applications are available in the spring of each academic year, in the Mary M. Harris Student Support Services Center in Hecht House. A committee appointed by the dean selects the recipients.

Scholarships awarded to undergraduates include Kelley R. Ivey, Ernest Kearns Ponce De Leon, Jerry A. and Carolyn S. Glass, Frank A. and Lynn W. Baker, Rob Williams, J. Edgar Hoover, and Wendy Tatgenhorst memorial scholarships. In addition, the Joe Harris Memorial Award and Robert L. Clark Memorial Award are presented yearly to outstanding graduate students.

Small loans are available to undergraduates from the Vernon Fox Student Loan Fund and the Tompkins Student Loan Fund. Further information on loans, grants, work-study opportunities, and scholarships are available from the college or from the University’s Office of Financial Aid.
The Florida State University’s Teacher Education Unit’s conceptual framework is based on a model that engages faculty, professional partners and candidates in a continuing process of Preparing Educational Leaders for our global and diverse society. The Florida State University prepares educational leaders who uphold high professional and academic standards, and employ scientific inquiry and assessment as a basis for the continual improvement of student learning. They address the needs and abilities of diverse students through the use of appropriate instructional strategies and technology. These qualities are developed as candidates study and work within a community of professional partners.

The primary purpose of the College of Education is to prepare teachers and a variety of human services practitioners for a wide range of educational careers. The faculty of the College of Education provides the experiences that enable students to acquire professional competencies required in each field.

The college believes that all of its students should acquire a solid grounding in the liberal arts and an understanding of human learning and behavior and social action. The responsibility for meeting these academic goals is shared by the college and by other colleges, schools, and departments in the University.

The College of Education offers undergraduate and graduate degree programs in 27 fields of study. The programs prepare students for positions primarily in elementary and secondary schools, colleges and universities, vocational centers, and organizations that provide counseling services, recreational services, athletic training, and instructional design.

Programs of study leading to the bachelor of arts or bachelor of science degree include early childhood education, elementary education, English education, health education, recreational and leisure services administration, mathematics education, multilingual multicultural education, physical education, rehabilitation services, science education, social science education, and special education.

**Departments, Majors and Teacher Preparation Programs of the College of Education**

**Department of Educational Leadership and Policy Studies**
- Adult education*
- Comprehensive vocational education*
- Educational leadership/administration*
- Educational policy, planning and analysis*
- Higher education*
- History and philosophy of education*
- Institutional research*
- International/intercultural development education*
- Social science and education*
- Graduate certificate in college teaching
- Graduate certificate in educational policy
- Graduate certificate in human resource development

**Department of Educational Psychology and Learning Systems**
- Counseling and human systems*
- Combined program in counseling psychology and school psychology*
- Instructional systems*
- Learning and cognition*
- Measurement and statistics*
- Open and distance learning*
- Program evaluation*
- School psychology*
- Sports psychology*

**Graduate certificate in human performance technology**
**Graduate certificate in online instructional development**

**Department of Childhood Education, Reading, and Disability Services**
- Early childhood education +
- Elementary education +
- Emotional disturbances/learning disabilities +
- Mental Disabilities +
- Reading education/language arts*
- Rehabilitation services
- Special education*
- Visual disabilities+

**Department of Middle and Secondary Education**
- Community health education
- English education (middle and secondary English)
- Health education (school health and community health)
- Mathematics education (middle and secondary mathematics)
- Middle grade mathematics education
- Multilingual/multicultural education (French, German, Latin, and Spanish)
- Science education (biology, chemistry, earth-space science, middle grades science, and physics)
- Secondary mathematics education
- Social science education
- Certificate in teaching English to speakers of other languages, undergraduate/graduate
- Interdepartmental certificate in developmental disabilities
- Graduate certificate in early childhood/special education

**Department of Sport Management, Recreation Management and Physical Education**
- Physical education
- Recreation and leisure services administration+
- Sports administration*
- Sports management
- Certificate in special event management, undergraduate/graduate
- Graduate certificate in museum studies

**Admission Standards for University Teacher Education Programs**

All teacher education programs at The Florida State University are governed by State of Florida Board of Education Rules and the National Council for Accreditation of Teacher Education standards. These rules require that all students must meet specific criteria to be admitted into a teacher education program. See ‘Planning Guide to Teacher Education Programs’ later in this chapter.

In addition, early childhood education, emotional disturbances/learning disabilities, elementary education, education of the mental disabilities, and visual disabilities are limited enrollment programs with capped enrollments. Students who satisfy the minimum requirements listed in this General Bulletin are not guaranteed admission to these programs. The programs will accept the most qualified students.

Many departments have retention and exit standards that exceed normal University requirements. Refer to the department section for specific admission requirements and check with a departmental advisor.

The College of Education is committed to increasing the proportion of teacher candidates who have historically been underrepresented among Florida’s public school teachers. Applicants representing such groups will be considered as exceptions to the general admission criteria.
Planning Guide to Teacher Education Programs
Florida Statute 1004.04 and State Board of Education Rule 6A-5.066

The Florida State University teacher education programs have been designed to address the importance of democratic values and institutions, the contributions of various ethnic groups to society and to stress character development, which encourages appreciation of diversity in a pluralistic society. Students planning to complete one of the following undergraduate teacher education programs at The Florida State University must meet all the conditions listed below to be eligible to have a bachelor's degree conferred.

Undergraduate Teacher Education Programs at The Florida State University

Art education (School of Visual Arts and Dance)
College of Education (see listing earlier in this chapter of the General Bulletin)
Family and consumer sciences education (College of Human Sciences)
Interdisciplinary secondary science and/or mathematics teaching (College of Arts and Sciences)
Music education (School of Music)

Teacher Preparation General Education Requirements

Note: Students should consult with an advisor to determine how to simultaneously satisfy The Florida State University liberal studies requirements and the teacher preparation general education core curriculum requirements.

Mathematics:
Nine (9) semester hours in mathematics to include college algebra or above and geometry;

English:
Nine (9) semester hours in English to include writing, literature, and speech;

History/Social Sciences:
Twelve (12) semester hours in social sciences to include American history and general psychology;

Humanities/Fine Arts:
Six (6) semester hours in humanities to include philosophy and fine arts;

Natural Sciences:
Nine (9) semester hours in science to include earth science, life science, and physical science, with a minimum of one associated laboratory.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for University degree programs. Specific prerequisites are required for admission into the upper division programs and must be completed by the student at either a community college or a state university prior to being admitted to these programs. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into upper-division teacher education degree programs:

Education Core Prerequisites
1. EDF X005
2. EDG 2701
3. EME 2040*

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements. Contact department and/or advisor for details.

Note: Courses marked with an asterisk (*) may have at least one acceptable substitute, depending upon department degree program. Contact the department for details.

Department/Program Prerequisites

See department listings in the General Bulletin for each department/program’s common course prerequisites.

Common prerequisites and total program length for state-approved teacher preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs.

Criteria for Admission and Application to a Teacher Education Program

1. Have at least a 2.5 (on a 4.0 scale) grade point average (GPA) for the general education courses of the undergraduate studies; and
2. Have a grade of “C–” or better in each required general education (liberal studies) English and each general education (liberal studies) mathematics course; and
3. Take and achieve a passing score on all sections of the CLAST, or the General Knowledge portion of The Florida Teacher Certification Exam
4. Complete an application for admission to a teacher education program in the Office of Academic Services, 108 Stone Building. This is distinct from admission to a college or school.
5. Be approved by the appropriate teacher education department in accordance with departmental criteria;
6. Be admitted into a Teacher Education Program; and
7. Receive final approval by the Office of Academic Services.

Note: These are minimum standards. Some programs may set higher standards.

Note: There is no longer a required minimum composite score on the ACT or the SAT for admission to teacher education. However, programs with limited enrollment status may require submission of the score, and may use that score in determining which students will be admitted.

Subject Area Specialization/Professional Education/ Clinical Experience Curricula

1. At least thirty (30) semester hours completed in the subject specialization area as determined by the student’s program; and
2. Professional education coursework to include: a) reading-literacy acquisition for the appropriate certification level; b) integrated classroom management, school safety, professional ethics and educational law; c) human development and learning; and d) assessment to include understanding the content measured by state achievement tests, reading and interpreting data, and using data to improve student achievement;
3. A series of clinical experiences in diverse settings throughout the program that culminates with a full-time student teaching experience of at least 10 weeks duration in an approved setting.

Note: Students should consult with a program advisor for specific course requirements.

Program Completion Requirements of a Teacher Education Program

Students must complete the following requirements to graduate from a teacher education program:

1. Maintain an overall GPA of 2.5 or above in all upper-division course work (some programs may require a higher GPA);
2. Demonstrate achievement of standards and completion of specific course work requirements set by the program;
3. Meet all University graduation requirements, including requirements mentioned above under ‘Planning Guide to Teacher Education Programs’;
4. Achieve a passing score on each of the General Knowledge Test, the Professional Skills Test, and the Subject Area Test on the Florida Teacher Certification Exam (FTCE) prior to completion of program requirements;
5. Successfully complete the student teaching experience including the successful demonstration of the Educator Accomplished Practices at the preprofessional level;
6. Receive verification from the appropriate academic program of successful demonstration of the Educator Accomplished Practices.
at the preprofessional level, which includes the knowledge, skills and dispositions necessary to help all students learn; and
7. Obtain final approval of the appropriate academic program and the Office of Academic Services.

Recommendation for a Teaching Certificate
Upon completion of an approved teacher education program and con-
feral of a degree from The Florida State University, students are eligible to receive a recommendation for a standard teaching certificate.

Honors Program
The College of Education offers honors in the major work in several
departmental and interdepartmental programs. For requirements and other
information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Office of Academic Services
Director: Kenneth B. Tellis
The Office of Academic Services provides a wide array of profes-
sional and administrative services to students and faculty in the college
and throughout the University. The primary responsibilities of this office
are the following: 1) to provide centralized academic advisement for
undergraduate studies students interested in majoring in education and
to coordinate advisement services in the other areas of the college and
University for students who are interested in pursuing teacher education
curricula; 2) to process applications for admission and readmission to
the College of Education; 3) to maintain the dean’s academic records
for all students who are pursuing curricula in education; 4) to monitor
student’s degree progress; 5) to screen and approve students for admission
to teacher certification; 6) to conduct required graduation clearance and
approve students for teacher certification; and 7) to provide consultative
and administrative services for the students and faculty in the college.

Office of Clinical Experiences
Director: Connie Gaede
The Office of Clinical Experiences is responsible for the assignment
and placement of students for student teaching experiences. The director
works with teacher education programs in the university and the public
schools of Florida in the organization of student-teaching centers and the
selection of supervising teachers for student teaching. Faculty members
work with supervising teachers and student teachers in planning and
implementation of the student teaching experience. The Office of Clinical
Experiences is responsible for the final identification and screening of
all students who make application for student teaching.

Students are assigned for the student teaching experience in those
counties listed below. Academic programs have the discretion to
establish a minimum group size of two or more student teachers per
area. Academic programs may also restrict placement to particular
counties. Exceptions to this policy will be made only through successful
appeal on behalf of a student to the University Student Teaching Appeals
Committee. Student teachers representing the programs of communication
disorders, visually impaired, music, and family and consumer sciences
will also be concentrated in those counties listed but may be placed in
additional locations should program certification requirements dictate
their use.

Placement Locations
Area I: Gadsden, Jefferson, Leon, Madison, Taylor, and Wakulla
    counties.
Area II: Bay, Calhoun, Jackson, Liberty, Okaloosa, Walton, and
        Washington counties.
Area III: Brevard, Orange, Seminole, and Volusia counties.
Area IV: Hillsborough, Manatee, Pasco, Pinellas, Polk, and Sarasota
        counties.
Area V: Broward, Dade, and Palm Beach counties.
Florida State University College of Education Professional Development
Schools.
Other areas as determined by the University Director of Teacher
Education.

Academic programs are expected to inform their students of depart-
mental placement policies well in advance of the semester of student teach-
ing so that students may have the opportunity to plan appropriately.

Applications are specifically not guaranteed assignment to their home
county or to the immediate and general vicinity of the campus. Submission
of an application by a candidate constitutes an agreement to accept assign-
ment in the school and county where it is determined that the candidate’s
academic program objectives for student teaching can best be achieved.
A candidate is expected to meet professional standards as expressed in
the pertinent school laws of the state of Florida. Candidates are also
informed that, consistent with applicable law, information pertaining to
all matters of public record, such as arrest and/or convictions in a court of
law, may be routinely furnished to public schools as well as prospective
employers. Finally, fingerprinting, drug testing, and background
checks may be required for placement in some counties.

Application to Student Teaching
An application for student teaching must be submitted to the Office of
Clinical Experiences according to the following schedule:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Semester</td>
<td>3rd Monday of September</td>
</tr>
<tr>
<td>Fall Semester</td>
<td>2nd Monday of February</td>
</tr>
<tr>
<td>Summer Semester</td>
<td>1st Monday of April</td>
</tr>
</tbody>
</table>

Note: Application materials are available only online at
http://www.coe.fsu.edu/student_teaching/stforms.html. In addition, all
student teachers are required to purchase a student teaching handbook
for their cooperating teacher.

Criteria for Admission to Student Teaching
The following criteria are required for placement to student-teach:
1. Admission to teacher education outlined above under ‘Criteria for
Admission and Application to a Teacher Education Program’;
2. Successful completion of at least one semester of residence at The
Florida State University;
3. Successful completion of subject area specialization and
professional education coursework outlined above under ‘Subject
Area Specialization/Professional Education/Clinical Experience
Curricula’ prior to student teaching;
4. Achievement of an overall GPA of 2.5 in all upper-division course
work (a higher GPA may be required by some academic programs
for particular core courses);
5. Achievement of senior status; and
6. Successful completion of standards, specific clinical experiences
set by the program or the University.

Office of Minority Affairs
Director: Bruce Daniels
The Office of Minority Affairs (OMA) is committed to the recruitment
and retention of students that represent diverse backgrounds. As a vital
unit of the College of Education, the OMA offers a variety of programs
and services that enhance the learning experience and academic success
of under-represented students. In addition, the OMA promotes the inclu-
sion of under-represented students by leading the efforts to cultivate an
environment that recognizes and appreciates the value of diversity.

Recruitment is comprised of many strategies. These efforts currently
consist of the following: participation in local, regional, and national
recruitment fairs, personal correspondences, phone calls, college visits,
workshops and the OMA annual Minority Graduate Recruitment Day.
The degree and intensity of each student’s involvement in campus life
impacts the quality of their academic and social experiences as well as
their persistence toward graduation. OMA provides an array of activities
directed towards engaging ethnic student’s participation in academic and
social settings. Our retention efforts include workshops, symposiums,
forum discussions, and academic support.
**FAMU—FSU COLLEGE OF ENGINEERING**

**Dean:** Ching-Jen Chen; **Associate Deans:** Reginald Perry, Norman Thagard; **Director of Student Services:** Sheldon White

The accelerating pace of technological developments has created an ever-increasing demand for highly qualified, professional engineers to maintain the high-tech momentum already achieved and to extend and direct its course. Expanding population and corresponding demands for new products, structures, designs, and improved services have posed new challenges to present and future engineers. Accordingly, the College of Engineering, through its curricula, strives to educate and train engineers to use scientific knowledge and problem-solving skills to determine the best solutions to the problems of today and the future.

It is expected that students who conscientiously apply themselves and successfully complete one of the broad engineering programs will not only be technically trained, but also humanistically and socially educated, and thereby be well prepared to make a significant contribution to the world in which they work.

An engineering student can pursue any one of several career plans, according to personal ambitions, interest, and abilities. The student may pursue the bachelor of science (BS) degree or an advanced research-oriented graduate program leading to the master of science (MS) or doctor of philosophy (PhD) degrees.

An engineer usually works as a member of a team in solving a problem or designing products or processes. The engineer’s responsibility may include some of the following: 1) the conception of an idea, including a careful delineation of the problem; 2) the design of an item or process, including operational and production requirements; 3) the selection of materials; 4) the determination of markets; 5) the assessment of sociological effects and determination of methods for controlling these effects; 6) the design or selection of machines for production; and 7) the control of costs. Currently, over two-thirds of all technical positions and a large percentage of managerial positions in industry are occupied by engineers.

**History and Goals**

The FAMU—FSU College of Engineering was authorized by the 1982 legislature as a joint program between Florida Agricultural and Mechanical University and The Florida State University. The joint nature of the college allows a student to register at either Florida A&M University or The Florida State University and receive a degree in any of the college’s programs. A student entering the college applies for admission through one of the two universities and must satisfy the admission and general degree requirements of that university. The degree is granted through the College of Engineering by the university where the student is registered while completing upper-division studies. All College of Engineering classrooms and administrative and faculty offices are housed in a modern engineering complex located at 2525 Pottsdamer Street adjacent to Innovation Park.

**Mission**

The mission of the college is to provide an innovative academic program of excellence at the graduate and undergraduate levels judged by the highest standards in the field and recognized by national peers; to attract and produce greater numbers of women and minorities in professional engineering, engineering teaching, and research; and to attain national and international recognition of the college through the educational and research achievements and the professional service of its faculty and students.

**Programs and Degrees**

The college offers professional programs of study leading to the bachelor of science (BS) degree, the master of science (MS), and doctor of philosophy (PhD) in chemical, civil, electrical, industrial, and mechanical engineering, a bachelor of science in computer engineering, and a master of science and doctor of philosophy in biomedical engineering. The college also offers interdisciplinary specializations in bioengineering, biomedical, environmental and materials engineering.

**Facilities**

The college occupies over 200,000 ft² of classroom, offices and laboratory space in a building complex especially designed for engineering education. It is located off the main campus of each university in an area adjacent to Innovation Park, which also houses the National High Magnetic Field Laboratory (NHMFL), the Center for Advanced Power Systems and other university, public and private organizations engaged in research, development and clean industry operations. The college operates for the common use of all programs a computing facility, a library and reading room, and a machine shop. In addition, each department in the college operates specialized laboratories for teaching and research; please refer to each department’s chapter for additional information on these specialized facilities.

**Libraries**

The main book and journal collections for engineering are housed in the Dirac Science Library at The Florida State University and in the Coleman Library at Florida A&M University. The college also maintains an engineering library resource and reading room (also referred to as the engineering reading room or the college library) that functions as a satellite to the two university libraries relative to engineering needs. Collections at the college library include monographs, texts and reference works that directly support instruction and research at the college. Library computer facilities enable extensive electronic literature search throughout the university libraries and other sources. Library services include literature search training sessions for students and faculty. The college library is headed by a full-time librarian who is also a staff member of one of the two university libraries. Other college library personnel include assistants supported by the college.

**Computing Facilities**

Students at the college have access to a large number and variety of computing resources at the College of Engineering. Due to the unique requirements of engineering computing and the off-campus location of the college, the college is relatively autonomous in providing service to engineering students.

The college has over 2800 computing devices connected to its local network managed by the college’s Computing and Multimedia Services (CMS). Over 230 of these machines for general student use are high-end Pentium class workstations supported by a cluster of Sun Enterprise Series servers and RAID storage system. CMS continues to evaluate and upgrade computer workstation hardware as the computational needs grow. Computer labs connect to the college’s gigabit fiber-optic backbone via 100Mbps Ethernet connections. One of the computer labs is open 24 hours a day, 365 days a year; the other two are used as classrooms and are maintained with technical support over 70 hours per week. The college has added another multimedia classroom housing over 60 computers in a recently renovated portable equipped with multiple overhead LCD projectors. The college also provides computing facilities in the public areas that are available to students 24 hours a day, 365 days a year. Additionally, both universities provide on-campus facilities that are available to all students. Software includes major general purpose packages as well as special applications oriented toward particular disciplines. The college’s research labs contain dozens of machines clustered together to provide enhanced research capabilities as well as Sun and SGI boxes to perform complex number crunching for simulations. The recent addition of a quad processor Sun V880 to the college’s computer facilities offers enhanced parallel computing power to the faculty. CMS maintained a 99.999% up-time availability of computing resources.

The college’s computing infrastructure uses a gigabit core Layer 3 switch to connect all communications via gigabit fiber optic cables. The college internet connection is a gigabit link connecting through the Florida State University backbone (The Florida State University acts as the internet services provider for the college) allowing for faster access to the Internet and NSF’s vBNS network. Florida A&M University’s computing facilities also are connected to the Tallahassee MAN, thus...
providing a link to the college for its students. In addition to local Ethernet network, the college has set up a wireless server infrastructure with access points in the college atriums for students who may want to use their own laptops to connect to the college’s computing resources.

The college also provides remote dial-in capability to all students, faculty and staff. The dial-up hardware consists of remote-access servers allowing up to 70 concurrent dial-up users. This allows the users to perform research and other activities from remote sites.

The college has state-of-the-art instructional classrooms, each equipped with multimedia equipment. Three classrooms are prepared as computer classrooms. The instructional computer facilities include a LCD projector, overhead projector, a document camera, a VCR, an amplifier and a set of high quality speakers. The ceiling-mounted LCD projector is used for large-scale projection, linked to the PC at the instructor’s console with a 100 Mbps Ethernet connection. A special Florida Engineering Education Delivery System (FEEDS) classroom has two studio cameras and one document camera connected to a desktop PC with a scan converter to display web pages. A two-way live videoconferencing link via dedicated Fractional T-1 to the FSU-Panama City campus provides interactivity to synchronous distance delivery of classes to those students.

There is a C-band and KU-band satellite downlink for viewing in multimedia classrooms and in the atrium connectors over the closed-circuit television system. A Real Video G2 server is used to stream live and recorded programs, classes and events from the college. The Poly Com VS4000 provides for 4-point IP videoconferences.

**Supporting Facilities**

Other nearby resources include the School of Computational Science (SCS), the Office of Technology Integration (OTI), the National High Magnetic Field Laboratory (the ‘Mag Lab’), the Center for Advanced Power Systems (CAPS), the Challenger Learning Center in downtown Tallahassee that houses a 3-D IMAX theatre, planetarium and a Challenger Space Mission and Control Center, Northwest Regional Data Center (NWRDC), Florida Department of Transportation research facilities, and WFSU Public Broadcasting television and radio stations as well as FAMU Computing Services.

**Scholarships**

Thanks to the donations from industry partners, educational programs, and private donors, the College of Engineering is able to offer a limited number of scholarships to qualified engineering students. Students can obtain scholarship information from the Office of Associate Dean for Student Affairs and Curriculum or by visiting the college Web site at [http://www.eng.fsu.edu/scholar.php](http://www.eng.fsu.edu/scholar.php).

**Career Services**

The college provides a Career Center Office for students to obtain career related services. In addition, the university maintains a satellite office in the College Career Center to assist students in career and employment advising, including resume, cover letter and personal statement writing, and internship co-op opportunity and permanent job search nationwide. Career Center staff also aid in preparing engineering students for interviews and presentations at career expositions, such as Engineering Day.

**Honors in the Major**

The College of Engineering offers honors in the major in several departmental programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Requirements for Admission and Retention in an Engineering Major**

Engineering is a profession demanding discipline, and students majoring in engineering must follow a required sequence of courses and achieve a high level of proficiency. In accordance with criteria of the Accreditation Board for Engineering and Technology (ABET), all engineering students are subject to a uniform set of academic requirements agreed to by both FAMU and FSU, and are in addition to any other academic requirements stated in the respective university catalog and bulletin. These requirements have been established to ensure that program graduates receive a quality education and make progress toward satisfying engineering major degree requirements. They are reviewed and revised as needed by the College of Engineering.

**Pre-Engineering Requirements**

1. All entering undergraduate students who wish to pursue engineering as a major will enroll in a pre-engineering program and be advised by a faculty member or professional staff in engineering;
2. All pre-engineering students will be enrolled in EGN 1004L, First Year Engineering Laboratory, during their first year of enrollment. A grade of “C” or higher is required for this course. One repeat is permitted to meet this requirement.
3. Students must achieve a grade of “C” or better, from any institution attended, in Calculus I, Calculus II, General Chemistry I and General Physics I to be admitted to an engineering major. Intended chemical engineering students shall replace General Physics I with General Chemistry II. A single repeated attempt in only one of the four courses listed above is allowed. A course substitution may be permitted with the approval of the engineering dean.
4. A pre-engineering student who fails to earn a grade of “C” or better by the second attempt in Calculus I, Calculus II, General Chemistry I, or General Physics I (General Chemistry II for intended chemical engineering majors), OR fails to earn a grade of “C” or better in a substitution course, OR fails to earn a grade of “C” or better on the first attempt in any two of the four pre-engineering courses (i.e. Calculus I, Calculus II, General Chemistry I, and General Physics I (General Chemistry II for intended chemical engineering majors), will not be permitted to transfer to an engineering major.
5. Once a pre-engineering student satisfies all the pre-engineering requirements, he/she may visit the Office of Associate Dean to initiate the transfer process to his/her intended engineering major prior to the beginning of the following semester.

**Course Grade Requirement and Practice**

1. It is the practice of the College not to use “plus and minus (+/–)” grading for any undergraduate engineering course;
2. Engineering majors must earn a grade of “C” or better in all engineering courses which apply toward the degree. This requirement may be waived by the academic dean upon recommendation from the department chair for no more than one (1) such course; and
3. A student who is failing a course cannot receive a grade of Incomplete (I). The student must make up any missing work during the next term of the student’s enrollment.

**Repeated Course Attempts Policy**

A student who fails to earn a grade of “C” or better after a second attempt in the same engineering course, or who has excessive number of repeated engineering course attempts, will be automatically transferred from his/her current engineering major to the pre-engineering major. The student may be reinstated back to his/her original engineering major, only upon the approval of engineering dean and Council of Academic Program Coordinators (CAPS).

**Engineering Course Prerequisites Policy**

It is the student’s responsibility to be aware of the prerequisites of an engineering course prior to enrollment in that course. A student may contact the engineering dean or department chair for additional information concerning course prerequisites and this policy. Failure to fulfill course prerequisites may result in the removal of the course from the student’s enrollment at any time during the semester, with no refund of tuition or fees.

**College of Engineering Council of Academic Program Coordinators**

The College of Engineering Council of Academic Program Coordinators (CAPC) has been assigned the responsibility to ensure that these academic requirements are equitably and consistently applied to all engineering students.
Course Withdrawal/Drop Policy

1. Engineering students who seek to withdraw from or drop a course should do so by the end of the seventh week of classes. Engineering students are not allowed to drop or withdraw from a course after the deadline without the approval of the engineering dean.

2. An engineering student with excessive course withdrawals/drops may be transferred from his/her current engineering major to the pre-engineering major until he/she has met with an academic advisor to determine what steps are needed to improve the student’s academic performance.

Transfer Students

Students who plan to enroll in another institution for the first two years and then transfer into the College of Engineering should use great care in selecting freshman and sophomore course work. To be admitted to an engineering major, transfer students must have satisfied the same pre-engineering requirements as students who take all their course work at FSU. Students are advised to consult with the college as early as possible concerning their first two years of study.

Bachelor of Science Degree Requirements

A student who has taken a college preparatory curriculum in high school including algebra, geometry, trigonometry, physics, and chemistry can complete the requirements for the bachelor of science (BS) degree in four years and one summer with an average load of sixteen (16) hours per semester. A student with superior high school training may take advantage of opportunities for advanced placement through the University’s programs for acceleration. In order to satisfy the State of Florida, Division of Colleges and Universities, requirement of summer attendance, it is recommended that students enroll in the summer session at the end of the first year. Students who are not prepared to begin with calculus I (MAC 2311) may need to attend one additional summer session.

The engineering curriculum is made up of four components: liberal studies, engineering core, required courses in the engineering major area and technical electives.

Liberal Studies

All students must meet University requirements for baccalaureate degrees stated in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Of the thirty-six (36) semester hours required in liberal studies, thirteen (13) of these semester hours are automatically satisfied by the engineering core courses listed herein. The engineering student must take a total of twenty-four (24) semester hours in the areas of English, history, humanities, and social sciences. Students unprepared to begin calculus at the university level must, of course, also complete the necessary mathematics course work preparatory to calculus. All prospective engineering students should select humanities and social science courses to meet the above requirements.

Engineering Core

All graduates of the college must master a common body of knowledge about their profession. This has been addressed by the adoption of an engineering core for all students seeking the BS in engineering. Some of these courses may be completed at a community college that offers a pre-engineering track. Others are only offered within the college.

The engineering core, which consists of basic science, mathematics, and professional courses, ensures that every student is provided with a solid background education regardless of his or her option. The required courses are listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1045C</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHM 1045L</td>
<td>General Chemistry I Laboratory</td>
<td>0</td>
</tr>
<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering***</td>
<td>3</td>
</tr>
<tr>
<td>EEL 3003L</td>
<td>Introduction to Electrical Engineering Lab***</td>
<td>1</td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics**</td>
<td>4</td>
</tr>
<tr>
<td>EGN 2123</td>
<td>Computer Graphics for Engineers****</td>
<td>2</td>
</tr>
<tr>
<td>EGN 1004L</td>
<td>First Year Engineering Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>EGN 3613</td>
<td>Principles of Engineering Economy*</td>
<td>2</td>
</tr>
<tr>
<td>EML 3100</td>
<td>Thermodynamics**</td>
<td>2</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytical Geometry I</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytical Geometry II</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>Calculus with Analytical Geometry III</td>
<td>5</td>
</tr>
<tr>
<td>MAP 3305</td>
<td>Engineering Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>General Physics A</td>
<td>5</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics B</td>
<td>5</td>
</tr>
</tbody>
</table>

* Except for chemical and mechanical engineering majors.
** Except for mechanical engineering majors.
**** Except for electrical and computer engineering majors.
***** Except for chemical, mechanical, electrical, and computer majors.

Engineering Major Area

Course requirements for engineering major areas consist of additional mathematics and basic science courses, engineering science courses, and engineering design courses. A current statement of requirements for engineering major areas is available as advising materials in the academic departments.

Definition of Prefixes

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL</td>
<td>Electrical Engineering</td>
</tr>
<tr>
<td>EGM</td>
<td>Engineering Mechanics</td>
</tr>
<tr>
<td>EGN</td>
<td>General Engineering</td>
</tr>
<tr>
<td>EML</td>
<td>Mechanical Engineering</td>
</tr>
</tbody>
</table>

Undergraduate Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering</td>
<td>3</td>
</tr>
<tr>
<td>EEL 3003L</td>
<td>Introduction to Electrical Engineering Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytical Geometry I</td>
<td>5</td>
</tr>
<tr>
<td>MAP 3305</td>
<td>Engineering Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>General Physics A</td>
<td>5</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics B</td>
<td>5</td>
</tr>
</tbody>
</table>

* Except for chemical and mechanical engineering majors.
** Except for mechanical engineering majors.
**** Except for electrical and computer engineering majors.
***** Except for chemical, mechanical, electrical, and computer majors.
The College of Human Sciences, which began in 1905, is the flagship program in human sciences in Florida, and has as its mission to address the health and development of individuals, families and communities. The college, which through its mission focuses on some of the most urgent issues in society, includes bachelor, master’s and doctoral programs in three academic departments: textiles and consumer sciences; family and child sciences; and nutrition, food and exercise sciences.

The baccalaureate degree programs are sufficiently broad to provide graduates with choices upon entering the job market. The reputation of the programs through the years means that graduates are regularly sought for professional positions in corporations, human services, public schools, hospitals and other health agencies, among others.

Although the programs within the college are diverse, students graduate with an integrative approach in addressing societal concerns, critical thinking skills regarding issues affecting individuals, families and communities, and fundamental competencies necessary to carry out professional roles. In addition, select programs require faculty supervised internships, which provide students with the experience of applying theoretical and research knowledge.

The various student organizations in the college provide opportunities to extend interaction with faculty and professional leaders through a variety of activities, including field trips, service projects, and seminars. Many students increase their leadership and communication skills through involvement in these organizations.

The college is fully accredited by the American Association of Family and Consumer Sciences and by the National Council for Accreditation of Teacher Education (NCATE) through the family and consumer sciences education program. In addition, the college has an American Dietetic Association approved Didactic Program, an Athletic Training/Sports Medicine Program accredited by the Commission on Accreditation for Allied Health Programs (CAAHEP), and a Certification in Family Life Education, approved by the National Council on Family Relations.

The college has an Endowed Eminent Scholar Chair in Family and Consumer Sciences Education, and the Center for Family Services, the Center for Family Science, and the Inter-University Center for Child, Family and Community Studies.

Facilities

Special laboratories that enhance and enrich the student’s education include: the Historic Clothing and Textile Laboratory, which houses the Carter Collection of Peruvian Textiles and the most extensive collection of accessories and children’s and women’s wear in the Southeast; the Lectra Computer-Aided Design Laboratory; the Macy’s Merchandising Laboratory, chemical, analytical, and microbiological laboratories for food and nutrition science majors; off-campus child development observation laboratories; the exercise physiology laboratory for monitoring the effect of exercise on metabolism for nutrition and fitness majors; the motor learning/control laboratory for the study of cognitive processes and neural mechanisms controlling movement; the textile evaluation laboratory; and a state-of-the-art multimedia laboratory.

Opportunities

Undergraduate students may participate in an honors program (see the University Honors Office and Honor Societies chapter of this General Bulletin) and may pursue a double major consisting of a combination of two degree programs. Practica are required in child development and athletic training. Internships are an integral part of degree programs in merchandising, housing, and family and consumer sciences education. Students majoring in child development may opt to have an internship if required academic criteria are met. Students in dietetics may intern in selected hospitals and other community settings upon receiving the bachelor of science degree.

Scholarships/Awards

The college awards monetary scholarships annually. In addition, monetary scholarships are made annually by each department. Some of the awards are based on scholarship, some on need, and some on a combination of both.

Undergraduate Degree Programs in Human Sciences

Department of Family and Child Sciences

Family, Child and Consumer Sciences with a major in:
- Child Development
- Family and Consumer Sciences Education

Department of Nutrition, Food and Exercise Sciences

Foods and Nutrition with majors in:
- Dietetics
- Nutrition and Food Science

General Human Sciences with majors in:
- Athletic Training/Sports Medicine
- Exercise Science

Department of Textiles and Consumer Sciences

Clothing, Textiles and Merchandising with majors in:
- Apparel Design and Technology
- Merchandising
- Housing
- Textiles

Interdepartmental Programs

General Human Sciences

Core Requirements for all Baccalaureate Degrees in Human Sciences

To receive a baccalaureate degree from the College of Human Sciences, students must complete FAD 2230, HOE 3050, and a minimum of three (3) semester hours outside their own major in one of the three departments in the College of Human Sciences.

Bachelor of Science and Bachelor of Arts Degrees

Candidates for baccalaureate degrees must comply with the general regulations governing baccalaureate degrees. Students in the College of Human Sciences may not receive more than nine (9) semester hours of credit toward the degree from courses in office skills and in applied music and music activities. Also, students may receive up to two (2) semester hours in physical education activities which can be counted toward the degree. Candidates for the bachelor of arts degree must meet the foreign language requirement and other special requirements of the University.

Admission Requirements for College of Human Sciences

To transfer from undergraduate studies into one of the departments in the College of Human Sciences, the student must have a GPA of at least 2.0, a passing score on the CLAST exam, and meet minimum departmental requirements. These include:
- For the Department of Family and Child Sciences, at least a “B–” in FAD 2230, 3220, 3271 and CHD 3220 with only one repeat of each course allowed;
- For the Department of Nutrition, Food and Exercise Sciences, at least a “B–” in HUN 1201 and at least a grade of “C–” or higher.
in any coursework taken thus far that is required for the specific majors. Individuals who enter one of the majors but who have not met the requirement of at least a “B−” or higher in HUN 1201 will be classified as Prerequisite Incomplete (PI) until that requirement is satisfied;

- For the Department of Textiles and Consumer Sciences, specified courses for the majors of apparel design and technology, merchandising, textiles and housing must be completed with at least a grade of “C−” or higher. For merchandising majors, ACG 2021 must also be completed with at least a “C−” or better.

**Academic Performance and Retention**

The College of Human Sciences reserves the right to discontinue enrollment of any student in the major at any time if satisfactory academic progress is not being made. The following are the specific departmental academic performance and retention policies:

- For the Department of Family and Child Sciences, students majoring in family and child sciences must have a minimum overall GPA of 2.5 to graduate.

- For the Department of Nutrition, Food and Exercise Sciences, students majoring in food and nutrition or human sciences must achieve a “C−” or better in all required courses. In order to graduate with a major in food and nutrition or human sciences, a student must have a minimum GPA of 2.5.

- For the Department of Textiles and Consumer Sciences, a “C−” or better must be achieved in all courses required for the majors in apparel design and technology, merchandising, textiles and housing. A GPA of 2.5 or better is required to take senior level courses, to intern, and to graduate in each of these majors.

**General Human Sciences**

This program provides a core of human sciences courses important in the undergraduate education of the student while allowing a wide choice of electives. Curriculum is planned with the academic adviser to provide special emphasis.

**Definition of Prefixes**

FAD—Family Development  
HOE—Human Sciences: General

**Undergraduate Courses**

HOE 3050. Developments and Trends in Home Economics (2), Professionalism, career awareness, the job market, and current trends and developments in human sciences research.  
HOE 4972r. Honors Work (3), (S/U grade only.) Prerequisites: Upper-division majors with an overall grade point average of 3.5 and consent of instructor. Course provides students in Family and Child Sciences with an opportunity to undertake an independent and original research project in their particular area of interest. May be repeated to a maximum of six (6) semester hours.

**Graduate Courses**

FAD 5970. Special Project (3), (S/U grade only.)  
FAD 6917. Methods of Research II (3).  
HOE 6916. Research Communications (3).  
HOE 6938r. Proseminar in Home Economics (1–2), (S/U grade only.)
Requirements for a Major

Students are eligible to major in information studies after completing a program of liberal studies with an overall grade point average (GPA) of 2.0 or better. All students of The Florida State University must fulfill the Liberal Studies Program requirements set forth in the “Undergraduate Degree Requirements” chapter of the General Bulletin. Transfer students who have earned an associate of arts (AA) degree from a Florida public community college or state university will be considered to have met the liberal studies requirement.

Program Prerequisites are:

- STA 2122 Introduction to Applied Statistics
- ECO 2013 Principles of Microeconomics
- PSY 2012 General Psychology
- CGS XXXX A database concepts course
- COP XXXX A programming course
- COP XXXX An object-oriented course
- MAC XXXX Precalculus or Discrete Mathematics
- PHI XXXX A general ethics course

For additional information concerning undergraduate degree programs, please refer to the school’s Web site at http://www.lis.fsu.edu.

Core Program

To major in information technology, a student must complete a minimum of forty-two (42) semester hours in information technology including the six core courses:

- LIS 3021 Technical Communication for the Information Professional
- LIS 3267 Information Studies
- LIS 3353 Technologies for Information Services
- LIS 4276 Quantitative Methods in Information Studies
- LIS 4701 Information Representation

Note: All courses must be completed with a minimum grade of “C–.”

Requirements for a Minor

With the approval of the Academic Dean of the College of Information, a minor in information technology may be obtained upon completion of at least four (4) of the six (6) core courses required for the major. All courses must be completed with a minimum grade of “C–.” All program prerequisites must be met for a minor in information technology.

Facilities

The College of Information resides in the Louis Shores Building, which houses classrooms, computer laboratories and administrative offices. The New Technology (NT) Laboratory includes small-scale Local Area Networks, experimental servers, digital video equipment, and other cutting-edge technology. It provides students an opportunity to gain hands-on experience in network administration, UNIX server administration, multimedia resource production, and is used for special independent and group projects under the supervision of faculty and staff. Made possible in part by a grant from the Kellogg Foundation, the Usability Center is a fully equipped usability laboratory for conducting, observing, recording and analyzing usability evaluations. The Harold Goldstein Library on the main floor includes professional and reference materials as well as the juvenile and young adult literature collections. The library holds a book collection of approximately 85,000 volumes, a serials and journals subscription list of over 400 titles, audio-visual items, and computer resources for online searching.
 COLLEGE OF LAW

Dean: Donald J. Weidner; Associate Deans: Nancy L. Benavides, Donna R. Christie, Jim Rossi, Mark B. Seidenfeld, Stephanie L. Williams; Director of Law Library: Faye Jones

The College of Law educates students for the practice of law and develops in them the breadth of vision and qualities of character necessary for meeting the full responsibilities of the legal profession. Its aim is excellence in the preparation of students so that they will acquire the knowledge, comprehension, skills, and judgment essential to the performance of legal services in a complex and rapidly changing society.

Prelegal Education

The services in which a law graduate may become engaged are so diverse that no uniform prelegal undergraduate course is prescribed. A broad educational background has been considered a desirable preparation for law study. A committee of the Association of American Law Schools has suggested these basic objectives of prelegal education: comprehension and expression in words; critical understanding of the human institutions and values with which the law deals; and creative power in thinking. A broader perspective rather than a too-detailed specialization is generally preferred. Students intending to pursue international law are encouraged to have knowledge of a foreign language as well as a familiarity of the history and culture of that nation. Other areas of law, particularly environmental law and intellectual property, are enhanced by a solid background in science or engineering.

Students from all majors have completed programs in law school. Regardless of major, however, the potential law student should have extensive writing experience. Analytical writing, particularly involving original research, is a critical element of both legal education and the practice of law. In addition, it is valuable for students to have a broad background in the liberal arts and sciences. Such fields as history, economics, philosophy, and literature figure prominently in legal analysis and ideally would be part of a rounded pre-legal education. In particular, knowledge of American history, microeconomics, and work in philosophy (whether courses in logic or various branches of philosophical thought) provides both the background and the habits of mind desirable in legal education. Some undergraduate majors lend themselves particularly well to this broad-based, writing-intensive model of education. Students whose majors do not provide many opportunities to write and to analyze texts critically should seek out elective courses that provide those opportunities. These courses are not prerequisite to a legal education, but students with strong undergraduate backgrounds are more likely to succeed in law school. The study required for a baccalaureate degree, a prerequisite to study at the College of Law, ordinarily provides a suitable background. As law study is interrelated with many disciplines, more emphasis is placed upon how well persons have done and their intellectual development than is placed upon the particular subjects studied. Undergraduate students who are thinking about law school are encouraged to visit the College of Law. Tours of the school and class visitations may be arranged through the College Admissions Office, 210 B.K. Roberts Hall, (850) 644-3787, admissions@law.fsu.edu.

Degree Program

The degree of juris doctor (JD) is conferred upon College of Law graduates. The requirements for graduation are the successful completion of eighty-eight (88) semester hours of law study, including required courses as determined by the faculty of the College of Law. Grade average must be “C” or above for graduation.

The College of Law provides students the opportunity to demonstrate their special expertise by earning certificates in environmental, natural resources and land use law or international law. Both certificate programs carry requirements for specific courses and activities and a choice of electives. The programs require students to take only three (3) semester hours in addition to those required for the juris doctor (JD) degree.

Requirements for Admission

All inquiries regarding admission should be sent to: Admissions Office, College of Law, The Florida State University, Tallahassee, FL 32306-1601.

All registrants are required to have a baccalaureate degree from a regionally accredited college or university prior to commencing law study. Every prospective law student must take the Law School Admissions Test given by the Law School Admissions Services. Applications may be obtained from the College of Law or by writing: Law School Admissions Services, Box 2000, Newtown, PA 18940. Registration with the Law School Data Assembly Service is also required.

Applicants must furnish a transcript showing receipt of the baccalaureate degree prior to commencing law study. The Law School Admissions Test scores and the academic grade average are both considered among other factors in determining admission.

Interdisciplinary and Joint–Degree Programs

The College of Law offers joint-degree programs in cooperation with other colleges, schools and departments of the University. The joint-degree programs enable students to earn two degrees concurrently, the juris doctor and the master’s. Generally, joint-degree students spend their first year in the College of Law.

A specific juris doctor–master of business administration dual degree program has been established for graduate students with the College of Business. Dual degree programs have also been established with the departments/programs of Economics, International Affairs, Urban and Regional Planning, the School of Public Administration and Policy, the School of Information Studies, and with the School of Social Work.

Additional information regarding law programs is contained in the University’s Graduate Bulletin and on the College of Law Web site: http://www.law.fsu.edu.

Summer Program in Law at Oxford

Director: Donna R. Christie
dchristie@law.fsu.edu

The College of Law conducts the oldest summer program in Oxford sponsored by an American law school. Since its establishment in 1973, law students from the United States and Canada and a limited number of graduate students in related fields, lawyers, and others have been taught by tenured members of the Oxford University and The Florida State University law faculties. The five and one-half week program begins annually on the Tuesday following Oxford’s Trintiy term.

For information write or call: Director, The Florida State University Summer Program in Law at Oxford, Tallahassee, FL 32306-1600; (850) 644-4578; or log on at http://www.law.fsu.edu/academic_programs/international_law/oxford.
College of Medicine

To be considered for graduation from the FSU College of Medicine, a student must be judged by the Student Evaluation and Promotion Committee to be in good standing, must successfully complete all required courses and clerkships, must have a grade point average of 2.5 or greater, must successfully complete the end-of-third-year OSCE (Observed Structural Clinic Examination), must complete all required surveys and evaluations, and must have a passing score on the United States Medical Licensing Examination (USMLE) Steps 1 and 2. Further information may be found in the Graduate Bulletin and in the College of Medicine Student Handbook.

Honors Medical Scholars Program

The FSU College of Medicine has joined forces with the FSU Honors Office to establish a BS/MD Program that will be open to five students annually, beginning in the fall 2006. The program will allow eligible FSU honors students to pursue a BA degree of their choice while also participating in the Medical Scholars Program, which will include a seminar, mentorship program and required pre-medical courses and experiences. Students participating in the program will be eligible for early admission to the FSU College of Medicine upon completion of pre-med requirements, making it possible to graduate with BS and MD degrees in seven years. Applications and program details are available from the FSU Honors Office, (850) 644-1841.

PhD in Biomedical Sciences Degree

The PhD in Biomedical Sciences Program is designed to prepare the next generation of health scientists for medical research and teaching in an era of increasing coordination and integration of traditional disciplines. Undergraduate majors in biology, biochemistry, chemistry, microbiology, or other life sciences are suitable for graduate studies in biomedical sciences. Research rotations during the first year allow students to make an informed choice of the research area and major professor with whom they will conduct their PhD work. A core curriculum of the fundamentals, a wide array of electives from other departments, and intellectual interaction with faculty and post doctoral fellows, all encourage graduate students to mature into independent scientist.

To be considered for graduation from the FSU College of Medicine with the PhD degree in Biomedical Sciences, the student must successfully complete all course requirements within five calendar years from the time the student gains admittance to candidacy by passing the preliminary exam. Other requirements for graduation include attending the Health Science Seminar Series, teaching at least two semesters, successfully completing the preliminary doctoral examination, submitting a doctoral research proposal approved by the major professor and the supervisory committee after admission to doctoral candidacy, registering for a minimum of twenty-four (24) semester hours of dissertation credit, and submitting, publicly presenting, and successfully defending a dissertation.

Additional details are available at http://www.med.fsu.edu/biomed.phd/default.asp or for additional information or inquiries please contact us by emailing Jeremy Farris.

Admission Requirements

Admission to the MD Program

All inquiries regarding admission should be sent to College of Medicine, The Florida State University, Tallahassee, FL 32306-4300, or via email at medadmissions@gdm.fsu.edu.

To apply to the College of Medicine at The Florida State University (FSUCOM), an applicant should apply through the American Medical College Application Service (AMCAS) and should have taken the Medical College Admission Test (MCAT). To receive the FSUCOM formal secondary application, an applicant should be a legal resident of Florida, should meet academic standards predictive of success in medical school (academic grade point average and MCAT score) and should have completed the required prerequisite courses. A listing of prerequisite courses may be obtained by contacting the Pre-health Professions Advising Office in the College of Medicine or on the College of Medicine Web site at

Degree Programs

Doctor of Medicine (MD)

The FSU College of Medicine trains students in allopathic medicine, which includes the diagnosis, management and treatment of disease. The college confers upon its graduates the degree of Doctor of Medicine (MD). Upon completion of the four year MD educational program, these physicians pursue graduate medical education (internship, residency, and sometimes fellowships), which is necessary for eventual licensure. Training in residency programs may take from three to nine additional years after completion of medical school.
The Florida State University College of Medicine provides academic advising and counseling to students interested in pursuing careers in the health professions. Currently, over 1300 students are enrolled in this advising program. Many of the students who seek advising in the advising office are pre-medical students. However, the program is open to all pre-health students including pre-dentistry, pre-veterinary, pre-pharmacy, pre-physician assistant, and pre-optometry. Full-time pre-health professions advisors meet regularly with these students throughout their college years, assisting with career goals, course scheduling, long-term academic planning, and professional school admission procedures.

In addition to one-on-one advising, the advising office also sponsors programs of special interest to pre-health students. Programs include panel discussions with admissions representatives from various medical and professional schools and workshops on succeeding in the application process and on interviewing strategies. The Pre-Health Professions Advising Office also sponsors a number of student organizations (refer to "Organizations and Societies" below).

The Florida State University has a competitive acceptance rate to medical and professional schools nationwide, and many of our graduates have been recognized for their outstanding contributions and achievements in the field of medicine.

To register with the College of Medicine Pre-Health Professions Advising Office, call (850) 644-7678 or visit Suite 2140 at the College of Medicine to set up an appointment with a health professions advisor.

Organizations and Societies

Alpha Epsilon Delta is the Pre-Health Professional honor society. The society welcomes members who are planning careers in medicine, podiatry, dentistry, veterinary medicine, optometry, pharmacy, and other medical fields. To become a national member, students must be in the second semester of their sophomore year and have an overall and a science GPA of at least 3.0. Freshmen and sophomores are encouraged to participate in activities of the society. The Florida-Beta chapter at The Florida State University was founded in 1946 and is one of the oldest chapters in the Southeast. The society invites speakers who represent the health professions, plans trips to area professional schools, and participates in community service.

The American Medical Student Association (AMSA) provides information, support and leadership for future physicians in training. This organization stresses a strong commitment to service and is open to all FSU students.

Admission to the PhD in Biomedical Sciences Program

To apply for the PhD in Biomedical Sciences Program, students should contact the College of Medicine’s Office of Research and Graduate Programs at (850) 644-2015 or check the programs Web site (http://www.med.fsu.edu/biomed.phd/default.asp) for other contact information. Admissions requirements for the PhD in Biomedical Sciences Program are as follows. A prospective candidate must (1) have or be a candidate for a Baccalaureate degree from an accredited College or university and be in good standing at the last institution attended, (2) have a minimum GPA of 3.0 (on a 4.0 scale), (3) have a minimum combined verbal and quantitative score of 1000 or above on the Graduate Records Examination (GRE). A GRE Subject test is strongly recommended and may include Biochemistry and Cell Biology, General Biology, Chemistry, or Physics. Applicants whose native language is not English, and who have not received a degree from an English language institution are required to take the Test of English as a Foreign Language (TOEFL) receiving a minimum score of 600 for the paper test or 233 for the Computer based Test (CBT) Special admission consideration may be requested based on disability.

Applicants may send the required material to the University Admission Office via the Web at http://admissions.fsu.edu/gradapp/.

The Pre-Health Professions Advising Office

The American Medical Women’s Association (AMWA) supports women in medicine on the community, national and international levels by increasing the awareness of health concerns that are exclusive to women.

The International Medical Outreach (IMO) unites the efforts of a small group of pre-med students and medical staff in an international service learning experience that provides first-hand medical care in less advanced countries.

The Multicultural Association of Pre-Medical Students (MAPS) works to enhance the recruitment of culturally diverse students into health care fields and to assist members in becoming more successful candidates for professional health and medical programs.

The Pre-Dental Society is an organization established to further educate those students who plan to enter dental school. The organization strives to advance the education of members by providing an information network in directing their pre-dental education. Members may access information about coursework, dental schools, test preparation and the application process. Guest professionals from the local dental community in Tallahassee are invited to speak at meetings. Membership is available through the Pre-Health Professions Advising Office.

The Pre-Veterinary Society is an organization that provides an environment where students can expand their interests in veterinary medicine. Members will build a strong support group to share information about coursework, the application process, and volunteer opportunities in the Tallahassee area. A focus will be assisting the community with animal-related issues. Membership information is available through the Pre-Health Professions Advising Office.

The Pre-Physician Assistant Club is an organization for students interested in a career as a physician assistant. Monthly meetings are held at the College of Medicine. The meetings include guest speakers from the community as well as presentations from physician assistant programs.

The Pre-Pharmacy Informational Leadership and Learning Society (PILLS) is a student organization for those interested in pursuing a career in pharmacy.
Dean: Frank Patterson

The College of Motion Picture, Television, and Recording Arts (the Film School) was established in 1989. In the short time the Film School has been in operation, it has quickly become recognized nationwide as an outstanding film program that offers both bachelor of fine arts and master of fine arts degrees. Both programs provide film equipment and studio facilities for production and postproduction. The two programs are served by a completely equipped production center. The Film School funds virtually all student film and video workshops and productions, including the graduate and undergraduate thesis film productions.

The expertise of the Film School’s faculty reflects the direction and range of the college will take in the future. Frank Patterson, Dean of the College of Motion Picture, Television, and Recording Arts, has more than 20 years experience in the film and television industry as a writer, director, producer, editor, and consultant. He is joined by 15 faculty members, all of whom are specialists in the areas of writing, directing, cinematography, visual effects, editing, sound recording, and production design and management, as well as film history, theory, and aesthetics.

Faculty Distinctions

The Film School has a strong commitment to hiring experienced working professionals who have both teaching skills and professional goals. The Film School’s full-time faculty is comprised of working filmmakers with various specializations as writers, directors, production designers, and editors in both the theatrical and non-theatrical film and television industries, many of whom have won national and international awards and honors for their work. Some also have strong records as research scholars and fiction writers. The faculty also includes visiting professors in the fields of motion picture law, business distribution, exhibition, and promotion.

Facilities

The Film School operates extensive production facilities for its undergraduate and graduate programs in the University Center “A” Building on the campus of Florida State University. Considered one of the finest facilities in the world devoted exclusively to film education, these facilities include two sound stages, a recording stage with Foley andADR capabilities, a 120-seat screening theater and three smaller screening rooms, three digital audio mixing suites, a computer laboratory, a set-building shop, a 35mm archive of feature films, a collection of over 5000 film titles on videotape, DVD, and laserdisc, a large production research library, and digital editing suites for picture and sound. Facilities are available for both 16mm and 35mm production.

Undergraduate Degree Program

The program of study leading to a bachelor of fine arts degree is designed to lead students through the complete process of creating short films, while incorporating a well-rounded liberal arts education that includes writing courses. Major courses include producing, directing, cinematography, screenwriting, sound recording, editing, production management, film history, film theory, and film aesthetics. It is a limited access major; therefore, admission is highly selective and competitive. Students may be accepted into the program at the freshman level or transfer in once seventy-five percent (75%), or twenty-seven (27) semester hours, of the liberal studies requirements have been completed.

The world-class facilities of the Film School aid in meeting the goals of the undergraduate program—to educate students in film and to help them become integral members of the academic community of The Florida State University. Graduates are trained to be members of the entertainment profession and participants in a creative and professional enterprise.

Admission to the Undergraduate Program

Admission to the College of Motion Picture, Television, and Recording Arts is limited access, making admission highly selective and competitive. Approximately 25 freshmen and 5 transfer students are admitted each year as film majors. Applicants must meet the requirements of The Florida State University Office of Admissions, as well as submit a separate application to the College of Motion Picture, Television, and Recording Arts. A student seeking to enter the program must offer an acceptable grade point average (usually above 3.0) and be eligible for admission to The Florida State University. Each applicant must submit a 500–1000 word essay describing his or her background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two (2) letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all these items will be considered incomplete, and will be denied automatically. Applicants are not permitted to submit portfolio items such as VHS tapes, DVDs, writing samples, or photographs. All application materials must be received by the College of Motion Picture, Television, and Recording Arts by December 15th for the applicant to be considered for admission the following Fall semester. Please refer to the “Academic Programs” chapter in this General Bulletin for further details on the application process. Applications are available online at http://film.fsu.edu.

Graduate Degree Program

The program leading to a master of fine arts degree has set the following goals: to provide the creative and technical environment for professional specialization; to ground students in the history of each medium’s theory and practice; and to prepare students for careers as artists, managers, producers, and craftspeople in the professional film and video production industries. Students work in production teams on narrative fiction films with each film being written, storyboarded, produced, directed, production designed, shot, recorded, and edited by graduate students. In addition, students are educated about the financial, legal, distribution, and exhibition aspects of the film business. The graduate program is designed and scheduled as a conservatory. It is meant to create a production setting in which individuals can work with accomplished professionals to hone their talents, develop a body of work, and sharpen their capacities to work in teams. Please consult the Graduate Bulletin for additional information regarding the MFA program.

Admission to the Graduate Program

Admission to the College of Motion Picture, Television, and Recording Arts Graduate Film Conservatory is also of limited access, with 24 production and 6 writing students admitted each year. Prospective students must make application to and meet the requirements of The Florida State University Graduate Admissions Office and submit a separate application directly to the Graduate Film Conservatory. All applicants must submit a 500–1000 word essay describing their artistic work, creative influences, personal objectives, relevant background, career goals, as well as three (3) letters of recommendation, a professional résumé, GRE scores, and two (2) official transcripts from each college or university attended, even if the courses from one school appears on the transcripts of another. As an option, production applicants also may submit a sample of their best work, including video tapes, writing samples, storyboards, photos, films, etc. All application materials must be received by the College of Motion Picture, Television, and Recording Arts by December 15th for the applicant to be considered for admission the following fall semester. Writing applicants must submit samples of past fiction work (screenplays, prose, etc.). Applications are available online at http://film.fsu.edu.

Health Insurance

Students seeking degrees in certain majors, including film, assume any exposure to the particular hazards associated with that major. As protection for our students, the Film School requires that majors present proof of health and accident insurance (name of insurer and policy number) prior to registration in the Fall semester of each year. Students are expected to maintain this insurance throughout their enrollment in the Film School. Registration will be administratively canceled at the end of the second week of classes for any students failing to provide proof of insurance.
The College of Music is a vital, integral component of The Florida State University community. It serves as a center of excellence for the cultural development of the community, state, region, and nation, and offers a comprehensive program of instruction for all students who expect to become professional musicians: performers, composers, scholars, educators, administrators, and therapists. For the general University student, it offers a wide spectrum of opportunities for disciplined personal growth and creative achievement. Further, the college maintains the highest quality faculty, students, curriculum, and facilities.

Numerous concerts and recitals are offered by the College of Music throughout the school year. Performing organizations include the Baroque Ensemble, Brass Ensembles, Chamber Choir, Chamber Orchestra, Chamber Winds, Choral Union, Collegians (Men’s Glee Club), Concert Bands, Duo Piano, Early Music Ensembles, Jazz Ensembles, Jazz/Pop Vocal Ensembles, Madrigal Singers, Marching Chiefs, Music Theatre Ensemble, New Music Ensemble, Opera Chorus, Opera Orchestra, Percussion Ensembles, String Ensembles, Symphonic Band, University Chorale, University Philharmonia, University Singers, University Symphony, Wind Orchestra, Woodwind Ensembles, Women’s Glee Club, and World Music Ensembles. In addition, there are numerous student and faculty chamber-music groups. The College of Music sponsors many faculty solo recitals, as well as a faculty chamber music series. Of particular interest to the music student are certificate and degree recitals and programs sponsored by music honoraries. An artists’ list and monthly calendar of College of Music programs and other cultural activities on campus are available upon request from the coordinator of music publicity in the College of Music.

The following honorary societies and professional fraternities are sponsored by the College of Music: the Phi Chapter of Pi Kappa Lambda; the Epsilon Iota Chapter of Phi Mu Alpha Sinfonia; the Beta Alpha Chapter of Sigma Alpha Iota; the Gamma Nu Chapter of Kappa Kappa Psi; the Alpha Omega Chapter of Tau Beta Sigma; the Alpha Chapter of Alpha Mu; the Beta Chi Chapter of Mu Phi Epsilon; The Florida State University Music Theory Society; The Florida State University Society for Musicology; and collegiate chapters of the Music Educators National Conference, the American Choral Directors Association, and the American Guild of Organists.

The College of Music has been a fully accredited member of the National Association of Schools of Music since 1930, and its degree requirements are in accordance with the latest published regulations of that association. Following are the undergraduate degrees offered by the College of Music:

- Bachelor of music—Performance:
  - Piano
  - Piano pedagogy
  - Organ
  - Harpsichord
  - Voice
  - Strings (violin, viola, cello, double bass)
  - Woodwinds
  - Brass
  - Percussion
  - Harp
  - Guitar (classical)

- Bachelor of music—music theatre
- Bachelor of music—composition
- Bachelor of music—music theory
- Bachelor of music—music history and literature
- Bachelor of music—music therapy
- Bachelor of music education
  - Choral
  - Instrumental
  - General

- Bachelor of arts in music

In addition to the bachelor of music and bachelor of music education degrees, the bachelor of arts degree in music is offered through the College of Music. The bachelor of arts degree in music allows students the opportunity to tailor their degree programs to their specifications by combining other areas of interest with music studies, such as music criticism, commercial music, church music, music and law, and jazz studies.

The College of Music provides a music minor for the divisions of the University that require a minor course of study. Admission to the minor program requires the following: 1) approval of the major department; 2) approval of the College of Music; and 3) an approved placement audition level on an acceptable instrument or voice. Detailed information can be obtained from the College of Music’s undergraduate studies office.

The following are the graduate degrees offered by the College of Music:

- Master of music
  - Performance
  - Accompanying
  - Piano pedagogy
  - Choral conducting
  - Instrumental conducting
  - Jazz studies
  - Music theory
  - Composition
  - Musicology (both historical and ethnomusicology)
  - Opera
  - Music therapy
  - Master of music education
  - Master of arts in arts administration
  - Doctor of philosophy in music education
  - Doctor of philosophy in music (specializations in historical musicology, ethnomusicology, or music theory)
  - Doctor of education in music education
  - Doctor of music in composition
  - Doctor of music in performance

The doctor of philosophy degree in humanities with an emphasis in music is available from the College of Arts and Sciences. Consult the Graduate Bulletin for information on the graduate programs offered by the College of Music.

Facilities

Music Facilities

The College of Music enjoys excellent teaching, research, and performance facilities. The two College of Music buildings are located on Copeland Street on the East side of the campus. The Kuersteiner Building, completed in 1948, is a four-story structure that is connected to the Wiley L. Housewright Music Building, which was completed spring 1979. The College of Music also occupies a number of offices in the Longmire Building. These buildings house the administrative offices; teaching studios; classrooms; band, orchestra, choral, opera, and ensemble rehearsal halls; music education and music therapy research laboratories; electronic music studios; ethnomusicology studios; early music studios; concert and recital halls; the Warren D. Allen Music Library; the Center for Music Research; and 130 practice rooms. All music facilities are air-conditioned and are structurally designed for maximum effectiveness.

Concert Facilities

The Opperman Music Hall is a 430-seat recital hall located in the Kuersteiner Building. The facility is used for faculty and student recitals, concerts, and lectures. The Ernst von Dohnanyi Recital Hall, located in the Housewright Music Building, is a 218-seat facility used for recitals and lectures. The Lindsay Recital Hall, located in the Kuersteiner Building, is a 125-seat facility used for recitals and lectures. The Owen F. Sellers Music Amphitheatre is used for outdoor performances in the fall and spring.
Ruby Diamond Auditorium is a 1,575-seat facility used for opera and major concert productions.

Music Library

The Warren D. Allen Library is conveniently located in the Housewright Building, where it serves the students and faculty of the College of Music as well as many users from other areas of the University. One of the major music libraries of the southeastern United States, the music library provides a pleasant setting conducive to the efficient utilization of the extensive collection of over 150,000 scores, sound recordings, video cassettes, books, periodicals, and microforms. Housed in 18,000 square feet of space with comfortable furnishings and excellent sound equipment, the music library provides students with impressive resources and surroundings for the pursuit of their studies. A librarian and other library staff are on duty to assist students and faculty in their use of the library.

Opera Shops

Built in 1977–78, the Opera Scene Shop provides 6,000 square feet of construction space with some storage area. The building features a drafting office, elevated grid area for constructing wagons and assembling scenic flats or drops, complete hand and table tools, and a wooden “stage” area for painting drops. An opera production is built there each semester, as well as sets for opera scenes and opera majors’ projects.

The Opera Costume Shop is located in the Kuersteiner Building. Costumes are constructed or alterations are made on rental costumes each semester. In addition, costumes are constructed for the 16th-century Madrigal Christmas Dinner and various opera workshop scene programs.

Organs

A 1975, 34-stop Holtkamp tracker (mechanical action) organ in Opperman Music Hall is used for recitals, concerts, and lessons. Practice organs include a 1976, 3-stop Holtkamp tracker; a 1973, 6-stop Wicks; a 1967, 4-stop Holtkamp; and a 1976, 4-stop portable continuo/chamber organ, also with mechanical action, by Holtkamp. A restored English chamber organ built by Hill and Davison in 1837–38 is available to organ students for practice and performance.

Opportunities

Honors Program

The College of Music offers honors work in several degree programs to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Certificate Programs

In addition to the degree programs, the College of Music offers certificate programs that provide additional specialized areas of emphasis. The certificate programs offered include:

- Certificate in performance
- Certificate in church music (instrumental or vocal emphasis)
- Certificate in piano pedagogy
- Certificate in special music education
- Certificate in early music
- Certificate in music of the Americas
- Certificate in world music
- Certificate in jazz studies
- Graduate Certificate in music education and leadership
- Graduate Certificate in college teaching
- Graduate Certificate in arts administration
- Graduate Artist Certificate in performance (opera, piano, violin, viola, violoncello)
- Graduate Certificate in the pedagogy of music theory
- Music therapy equivalency

Additional information regarding the certificate programs may be obtained from the College of Music’s undergraduate or graduate studies offices.

Special Events

The College of Music provides students an opportunity to participate in many special events and experiences each year. Students interested in receiving additional information should contact the College of Music’s publicity office or the college’s undergraduate/graduate studies offices. A partial listing includes the following:

- The Festival of New Music. This biennial festival features recent works by composers from throughout North America.
- Housewright Scholar Residencies. The College of Music enjoys the residencies of visiting scholars each year through the Lucille and Wiley Housewright Eminent Scholar Chair in Music.
- Shelfer Scholar Residency. The College of Music enjoys a continuing residency of a Professor of Voice through the Lucille P. and Elbert B. Shelfer, Jr., Eminent Scholar Chair in Music.
- Summer Music Camps. Each year the College of Music provides a performance institute for high school and junior high school musicians.

Scholarships/Awards

College of Music financial assistance is available in the form of undergraduate music scholarships and out-of-state tuition waivers. These awards are available to undergraduate applicants who demonstrate superior musical ability and are normally renewable provided satisfactory academic and musical progress is demonstrated.

College of Music scholarship assistance ranges from $500.00 to $2,500.00 for in-state students and $500.00 to $12,500.00 for out-of-state students. All undergraduate music major applicants are considered for College of Music financial assistance when they audition, provided they audition no later than the deadline established annually by the College of Music.

Additional information regarding College of Music financial assistance may be obtained from the College of Music Bulletin or by contacting the College of Music’s undergraduate studies office.

Requirements

Undergraduate Studies

Program Director: Dr. Ted Stanley

All students working toward the bachelor of music degree, the bachelor of music education degree, or the bachelor of arts in music degree register directly in the College of Music.

Students enrolled in other divisions of the University may take courses in music with the approval of the instructor and the Dean of the College of Music.

Liberal Studies Program. Undergraduates are required to meet the liberal studies requirements as specified in the various music curricula.

Specific Requirements for all Music Majors

Placement Audition. All entering students are required to take a placement audition in applied music. All applicants must meet appropriate minimum standards through this audition before being granted admission to the College of Music. This audition is heard by a faculty jury and is closed to all except the area faculty concerned. Students are expected to be prepared to play or sing representative works of acceptable repertoire. Placement in the appropriate applied music course is based on the requirements established by the National Association of Schools of Music. If students meet the minimum standard requirement but are below freshman level, they must enroll in the applied music MV 101 series until prepared
for the MV_131_ or MV_141_ series. All students have the option of a reexamination for a higher course number at the end of any semester. Students may be given a temporary status in applied music during their first semester by placement in undergraduate coaching (MVO 1010, 2020, 3030, 4040). Students placed in undergraduate coaching must complete a jury exam at the end of their first semester of residence at the University for placement and advisement.

Jury Examinations. All students must meet the applied music proficiencies for their individual degree program each term for continuation in the music major. Jury examinations are required of all majors and principals at the completion of a two-semester sequence.

Note: If a student placed in undergraduate coaching fails to take a jury exam, the student will be given an automatic placement of MV_101_. At their discretion, applied teachers may require a student to take a jury examination at the end of any semester.

Recital Examinations. Candidates for the bachelor of music degree in performance are required to present a joint recital during the junior year (MV_3970) and a complete recital in the senior year (MV_4971). An examination will precede each of these recitals by at least two weeks. The area faculty will determine the content of the examination. A candidate who passes the examination by a two-thirds positive majority (unless otherwise specified by the area or degree) is eligible to present the required recital.

Student Recital. All undergraduate music majors must enroll and receive a satisfactory grade (“S”) in student recital attendance (MUS 1010r) for a total of six semesters during the undergraduate degree program. Attendance requirements for transfer students who were music majors at the institution from which the transfer is made will be determined by the College of Music in accordance with the number of semester hours completed.

Chamber Music. All woodwind and brass first-year and first-year transfer students must register for MUN 2460 Chamber Music during the first Spring and second Fall terms. String first-year and first-year transfer students must register during the first two Fall terms. Other transfers in these areas must register for MUN 2460/4463 during their first fall term at the University.

Curricular Regulations

Auditions. Placement auditions for all undergraduate majors and music minors are required prior to registration. Jury examinations are given following two semesters of study in each applied music series (MV_1311–4346 series for all majors except performance majors; MV_1411–4446 series for performance majors).

Liberal Studies Requirements. Liberal studies requirements for all undergraduate curricula are listed by areas in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Undergraduate music majors will fulfill the Area IV Humanities/Fine Arts requirement by electing MUL 2110, Survey of Music Literature (two [2] semester hours), one year of MUH 3211-3212 Survey of Music History (six [6] semester hours,) and an approved literature course (a total of eleven [11] semester hours). Piano pedagogy, therapy, choral, instrumental, and general music education majors will elect PSY 2012, General Psychology, as three (3) of the six (6) required semester hours in Area III History/Social Science.

All Music Majors. A candidate for a baccalaureate degree must satisfy the following University requirements:

1. Liberal studies cumulative grade point average (GPA) must be 2.0 or higher;
2. Cumulative GPA (overall—all college work) must be 2.0 or higher. Cumulative GPA for all music courses must be 2.0 or higher;
3. College Level Academic Skills Test (CLAST) must be successfully completed by sophomores prior to achievement of junior academic status;
4. Courses in liberal studies used to fulfill state Board of Education Rule 6A-10.030 must each be completed with a grade of “C-” or higher;
5. A minimum of sixty (60) semester hours must be completed at a senior institution;
6. A minimum of forty (40) semester hours of upper division must be completed (3000 and 4000 level courses);
7. The final thirty (30) semester hours must be completed at The Florida State University; and,
8. A minimum of one hundred twenty (120) semester hours is required for graduation.

Each student is strongly urged to be knowledgeable of curricular requirements and University regulations that govern the student’s selected academic program. Although a faculty adviser is assigned to aid and assist a student in academic advisement matters, it is imperative for a student to assume the personal responsibility regarding academic progress and successful completion of the program.

Because of its accreditation by the National Association of Schools of Music, BM and BME students in the College of Music must achieve certain competencies that have been established by NASM. These are normally built into the curricula for the various degree programs so that students are not required to register for extra courses. Three competencies are worthy of special mention: improvisation, conducting, and technology.

Students normally meet the improvisation requirement through the completion of the MVK 2121 Class Piano sequence, where improvisation is an integral component of the class. Conducting competency is automatically included in several degree programs, most notably music education; students in other majors normally take MUG 3104. A course in music technology is included in each degree program.

Contact the Undergraduate Office in the College of Music for additional information and the options available for meeting these requirements.

Curricula Leading to the Bachelor of Music Degrees

Note: Students are encouraged to obtain specific curriculum guides from the College of Music undergraduate studies office.

Performance Majors. Candidates for the bachelor of music degree in performance must select an area of concentration—piano, harpsichord, organ, voice, harp, guitar, percussion, or a string, woodwind, or brass instrument—and follow the curriculum in the chosen area of concentration. Bachelor of music degree candidates in all areas of performance are required to present a joint recital during the junior year (MV_3970) and a complete recital during the senior year (MV_4971). An examination will precede every such recital by at least two weeks.

All performance majors except piano, harpsichord and organ majors are required to demonstrate proficiency in playing piano accompaniments of medium difficulty (completion of second-year class piano [MVK 2121r] requirements). Credit earned in class piano may be used to satisfy the applied music secondary requirement. This requirement must be met before the end of the junior year.

Piano Performance Majors. Total of one hundred twenty (120) semester hours: thirty-four (34) semester hours and jury competency in applied music, including junior and senior recitals; eight (8) semester hours in keyboard literature; twelve (12) semester hours in music history and literature; four (4) semester hours in music history and literature; twelve (12) semester hours of ensemble; eight (8) semester hours of piano pedagogy and piano accompanying; student recital attendance; one (1) semester hour of music technology; one (1) semester hour of conducting and thirty-six (36) semester hours of liberal studies.

Organ Performance Majors. Total of one hundred twenty (120) semester hours: thirty-two (32) semester hours and jury competency in applied music, including junior and senior recitals; two (2) semester hours in applied music secondary; six (6) semester hours in pedagogy and repertory; twenty-four (24) semester hours in theory; ten (10) semester hours in music history and literature; four (4) semester hours of ensemble; student recital attendance; twelve (12) semester hours of a foreign language; one (1) semester hour of music technology; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

Harpsichord Performance Majors. Total of one hundred twenty (120) semester hours: thirty (30) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music piano or organ; six (6) semester hours of repertory/continuo playing and pedagogy; twenty-four (24) semester hours in theory; thirteen (13) semester hours in music history and literature; four (4) semester hours of ensemble; student recital attendance; one (1) semester hour of music technology; eight (8) semester hours of German, French, or Italian; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

If harpsichord is the principal or major instrument, the candidate must complete, by jury, the MVK 2321r–2323r series in either piano or organ.
in addition to the principal/major requirement in music secondary. Two (2) semester hours of ensemble involving harpsichord are required of all harpsichord principals/majors in partial fulfillment of the requirements in ensemble.

**Voice Performance Majors.** Total of one hundred thirty-two (132) semester hours: twenty-four (24) semester hours and jury competency in applied music; eighteen (18) semester hours in music history and literature; twelve (12) semester hours of ensemble; student recital attendance; eight (8) semester hours of music technology; and thirty-six (36) semester hours of liberal studies.

**Strings Performance Majors (Violin, Viola, Cello, Doublebass).** Total of one hundred twenty (120) semester hours: thirty-two (32) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; twenty-four (24) semester hours of theory; ten (10) semester hours in music history and literature; twelve (12) semester hours of ensemble; student recital attendance; eight (8) semester hours of repertory and pedagogy; one (1) semester hour of conducting; one (1) semester hour of music technology; and thirty-six (36) semester hours of liberal studies.

**Harp Performance Majors.** Total of one hundred twenty (120) semester hours: thirty-six (36) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; four (4) semester hours in harp pedagogy and literature; twenty-four (24) semester hours of theory; ten (10) semester hours of music history and literature; student recital attendance; eight (8) semester hours of ensemble; four (4) semester hours of electives; one (1) semester hour of music technology; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

**Guitar Performance Majors.** Total of one hundred twenty (120) semester hours: thirty-six (36) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; twenty-four (24) semester hours of theory; ten (10) semester hours in music history and literature; four (4) semester hours of ensemble; student recital attendance; eight (8) semester hours of repertory and pedagogy; eight (8) semester hours of foreign language; one (1) semester hour of conducting; one (1) semester hour of music technology; and thirty-six (36) semester hours of liberal studies.

**Woodwind, Brass, or Percussion Performance Majors.** Total of one hundred twenty (120) semester hours: twenty-eight (28) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; six (6) semester hours in wind and percussion instrument literature and pedagogy; twenty-four (24) semester hours of theory; ten (10) semester hours of music history and literature; student recital attendance; twelve (12) semester hours of ensemble; six (6) semester hours of electives; one (1) semester hour of music technology; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

**Composition.** Approval by the composition faculty is required for admission to the program. Total of one hundred twenty (120) semester hours: sixteen (16) semester hours and jury competency in applied music; six (6) semester hours in applied music secondary; thirty-two (32) semester hours of theory; three (3) semester hours of composition; ten (10) semester hours of music history and literature; student recital attendance; four (4) semester hours of electives; two (2) semester hours of thesis; six (6) semester hours of ensemble; twelve (12) semester hours of German; one (1) semester hour of music technology; one (1) semester hour of conducting and twenty-eight (28) semester hours of liberal studies.

**Music Theatre.** Approval by the music theatre faculty is required for admission. Total one hundred twenty (120) semester hours: twelve (12) semester hours and jury competency in applied music; six (6) semester hours in applied music secondary; twenty-two (22) semester hours of theory; thirty (30) semester hours of music history and literature; student recital attendance; two (2) semester hours of thesis; six (6) semester hours of ensemble; one (1) semester hour of music technology; twelve (12) semester hours of German; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

Candidates for the bachelor of music degree in music history and literature faculty is required for admission. Total one hundred twenty (120) semester hours: sixteen (16) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; twelve (12) semester hours of theory; thirty (30) semester hours of music history and literature; student recital attendance; two (2) semester hours of thesis; six (6) semester hours of ensemble; one (1) semester hour of music technology; twelve (12) semester hours of German; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

**Music Theatre.** Approval by the music theatre faculty is required for admission. Total of one hundred twenty (120) semester hours: sixteen (16) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; twelve (12) semester hours of theory; thirty (30) semester hours of music history and literature; student recital attendance; two (2) semester hours of thesis; six (6) semester hours of ensemble; one (1) semester hour of music technology; twelve (12) semester hours of German; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

**Music Therapy.** Total of one hundred thirty-two (132) semester hours: twelve (12) semester hours and jury competency in applied music; seven (7) semester hours in applied music secondary; sixteen (16) semester hours of theory; ten (10) semester hours of music history and literature; twenty-nine (29) semester hours of music therapy; seven (7) semester hours of other music; two (2) semester hours of senior project; student recital attendance; six (6) semester hours of ensemble; eighteen (18) semester hours of behavioral/health/natural science; three (3) semester hours of elective; and thirty-six (36) semester hours of liberal studies. Following the completion of the academic program, candidates must serve a six-month resident internship at an affiliated, approved clinical center. Certain courses may satisfy both liberal studies and degree requirements.

Candidates for the bachelor of music degree in music therapy who complete by jury exam the MV_2321–2326 level in the principal performance area may continue principal instrument study or may elect to study in two or three secondary performance areas. Dance may be used as one of the secondary performance areas. If piano is not the principal instrument, the candidate is required to meet the minimum internship requirements in piano either by completion of second-year class piano requirements (MVK 2121r) or by examination. Total of eighteen (18) semester hours in applied music is required.

**Piano Pedagogy Majors.** Total of one hundred twenty (120) semester hours: twenty-four (24) semester hours and jury competency in applied music, including senior recital; six (6) semester hours in keyboard literature; twenty-four (24) semester hours in music therapy; ten (10) semester hours in music history and literature; one (1) semester hour of music technology; one (1) semester hour of conducting and thirty-six (36) semester hours of liberal studies.
Curricula Leading to the Bachelor of Music Education Degrees

Music Education Majors. Candidates for the bachelor of music education degree in choral music must choose as a principal instrument voice, piano, harpsichord, harp, guitar, or organ. Candidates for the bachelor of music education degree in instrumental music will choose as a principal instrument piano, organ, guitar, harpsichord, or an orchestral and/or band instrument. Candidates for the bachelor of music education degree with an emphasis in music for the general student must choose as a principal instrument voice, piano, harp, guitar, organ, harpsichord, or a band or orchestral instrument. All music education majors must complete applied music requirements as specified in the respective curricula. All music education majors are required to meet the minimum requirements in class piano and class guitar prior to internship.

Florida has placed the following requirements on entry to a teacher certification program:
1. Grades of “C−” or better in all freshman English and basic mathematics courses; and
2. Additional requirements as stipulated by each department.

Admission to the Music Education Professional Sequence. The music education professional sequence comprises the following upper-division courses in the music education curriculum: MUE 3311, 3334, 3343, 3344, 3443, 3491, 3492, 3493, 3494, 3495r, 3496r, 4342, 4392, 4411, 4433, 4480, 4481, 4490; MUS 4970r.

Students pursuing the bachelor of music education degree in general, choral, or instrumental music may apply to the Internship Committee for admission to the professional sequence upon completion of the equivalent of forty-five (45) semester hours at The Florida State University or transfer of forty-five (45) semester hours from an accredited community college or senior institution. Students who do not meet all of the above criteria may be admitted to the professional sequence on a provisional basis and may enroll in a maximum of five (5) semester hours of professional sequence course work during the first term of residence. Students assigned provisional status must complete all requirements and achieve a minimum overall GPA of 2.8 at the conclusion of the first term.

Students may be required to appear before the Internship Committee for an interview. The committee will approve or reject the petition on the basis of the criteria stated above as well as other factors that relate to teaching competency. Applicants denied admission may appeal during the subsequent semester. Those who reapply must appear in person, document the removal of deficiencies that previously prevented admission, and present any other pertinent information to support reconsideration of the application.

Students applying for teacher certification in the state of Florida upon completion of the degree program should request that the certificate be assigned under the status of music education K–12.

Bachelor of Music Education—Instrumental. Total of one hundred thirty-four (134) semester hours: twelve (12) semester hours and jury competency in applied music; five (5) semester hours of applied music; six (6) semester hours of ensemble; eight (8) semester hours of music history and literature; five (5) semester hours of music education including internship (students intending to intern in an elementary school must complete MUE 3344 [3] the semester preceding internship; six (6) semester hours of ensemble; three (3) semester hours of psychology; and thirty-six (36) semester hours of liberal studies.
Dean: Katherine P. Mason

The School of Nursing has been educating men and women for the practice of professional nursing since 1950. The school offers the baccalaureate degree in nursing (BSN), the master’s degree in nursing (MSN) and advanced practice roles in nursing (APRN). For further information on the master’s program, see the Graduate Bulletin.

The undergraduate program is approved by the Florida Board of Nursing, and both programs are accredited by the Commission on Collegiate Nursing Education. The mission of the School of Nursing is to develop professional leaders in nursing for practice in diverse settings.

At the completion of the program, the student will have met all requirements for the bachelor of science in nursing. The generic graduate of the nursing program will have met the academic eligibility requirements for taking the state licensing examination.

The program is an upper-division limited access major with required sequential course offerings and elective courses in nursing. The nursing courses are based on concepts and principles from liberal studies, the supporting biological and behavioral sciences, and nursing theory. This theoretical base is used with the nursing process in the systematic development of nursing care for individuals and groups in a variety of health care settings.

The School of Nursing offers traditional or online programs for registered nurses seeking a baccalaureate degree (RN to BSN). The program is designed to capitalize on prior learning and experience of the registered nurse. The goal of the program is to provide registered nurses with the opportunity to attain further nursing education. Upon fulfillment of the prerequisite courses, the registered nurse may complete the RN to BSN program in approximately four to seven (4–7) semesters of consecutive part-time study. The RN to BSN Program consists of thirty-one (31) semester hours of core and elective nursing courses to include twenty-five (25) core hours and six (6) or more elective hours as defined below. Upon successful completion of NUR 3805, 3286, 3167, 4107, 4069C, 4080, and 4080L, the student will be eligible to receive up to thirty (30) additional semester hours of departmental credit. The course work will include content that is unique to baccalaureate education. If the student desires to matriculate into the master’s program, a maximum of two graduate courses may be included in the baccalaureate study, provided eligibility requirements are met.

Graduates with baccalaureate degrees in nursing, either generic or registered nurse, are prepared to provide quality nursing care to individuals, families, and groups in health care agencies in both urban and rural areas. These include general hospitals, health departments, nursing homes, and other community health centers. These graduates have the potential for assuming leadership roles in a variety of health care agencies and for pursuing advanced degrees in nursing.

The program objectives of The Florida State University School of Nursing undergraduate program are to educate students who will be:

1. Critical thinkers who demonstrate intellectual curiosity, rational inquiry, problem-solving skills, and creativity in framing problems;
2. Culturally competent people who provide holistic nursing care to a variety of individuals, families, and communities;
3. Knowledgeable coordinators of community resources who facilitate individual family and community access to those resources necessary to meet health care needs;
4. Politically aware individuals who participate in the profession and the practice of nursing with a global prospective;
5. Individuals who practice within the ethical and legal framework of the nursing profession;
6. Effective communicators who are able to share accurate information;
7. Competent caring nurses who assume the multiple role dimensions required in diverse health care settings;
8. Professional role models who promote a positive public image of nursing;
9. Responsible managers who balance human, fiscal and material resources to achieve quality health care outcomes; and,
10. Professional nurses who assume a leadership role within the scope of practice in diverse settings.

The generic BSN program is an upper-division major with required prerequisites and a sequential ordering of courses in terms I, II, III, IV, V, and includes one summer term.

The RN to BSN program is an upper-division major with required prerequisites and a sequential ordering of courses that can be completed on a part-time basis in four to seven consecutive semesters.

Facilities

There are a variety of clinical laboratory settings utilized for meaningful learning experiences. Tallahassee Memorial Healthcare, Florida State Hospital, Elder Care Services, Apalachee Community Mental Health Center, Leon County Public Health Unit, Capital Regional Medical Center, Leon County Schools, Tallahassee Pediatric Foundation, Children’s Medical Services, and other agencies in Leon and surrounding counties are used for the clinical component of the program. In addition, Wolfson Children’s Hospital in Jacksonville, Florida is used for pediatric clinicals, and Florida Hospital in Orlando for some ICU experiences. Internship clinical sites are available in partnership with acute care facilities in Florida and south Georgia. All experiences are under the direction of the faculty of The Florida State University School of Nursing.

The online RN to BSN program courses are Internet-based. Clinical requirements are satisfied by working with a professional nurse (preceptor) at a Florida healthcare or community facility convenient to the student and approved by course faculty.

Opportunities

The School of Nursing offers honors work in the baccalaureate program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Scholarships

Students requiring financial assistance should file an application with the Office of Financial Aid or confer with the academic adviser at the School of Nursing. Scholarships and loans from federal, state, and private sources are available.

Generic BSN Program Requirements

Students desiring to enter nursing should indicate their major preference on the University application and seek guidance from the academic adviser in the School of Nursing. A separate application to the School of Nursing is required for admission to the nursing program and should be made during the sophomore year. Students applying to the nursing major must be able to speak, read and write English proficiently. HESI A2 (Admission) test is required as part of the admission process. The School of Nursing reserves the right to interview applicants at its discretion. Students who do not have the necessary proficiency in English will have their nursing enrollment discontinued. Application deadline for Fall is February 1st and for Spring is September 1st.

Admission to the School of Nursing generic BSN program is contingent upon the following:

1. Completion of liberal studies at The Florida State University and attainment of junior standing or completion of an associate of arts degree from a Florida community college or an institution of higher education within the State of Florida, Division of Colleges and Universities, and
2. Completion of the State of Florida Common Course Prerequisites (see the ‘Nursing’ entry in the “Academic Departments and Programs” section of this General Bulletin).

The School of Nursing is a limited enrollment program and admission is competitive based on previous academic performance, external testing, and an applicant questionnaire. The Florida Board of Nursing and several
state and/or private agencies require the disclosure of conviction records for misdemeanors and/or felonies; therefore, this information will be required at the time of application. Recent legislation aimed at protecting the public has made it necessary to require a level II criminal background check (this includes FDLE and FBI) for all applicants to the School of Nursing. The Level II report must be on file at the School of Nursing before such an applicant is permitted to take the required exams. This requirement ensures that students will not be permitted to progress in the School of Nursing if the student cannot pass the background check. Each subsequent semester following the first semester of enrollment in the major, students will not be permitted to continue if their background check reveals violations resulting in students being denied admission to a clinical agency and/or access to patients in the agency, and if a comparable assignment cannot be made to meet course objectives, the student will be denied admission to/progression in the School of Nursing. Applicants will be provided with fingerprint cards and waiver forms at the time they apply to the School of Nursing. Completion of the curriculum does not guarantee the Florida Board of Nursing (or any other licensing body) will allow students with criminal records to take the licensing examination to become a registered nurse. The cost for the background checks must be paid by the student. The background checks will include the following: Patriot Act, Social Security Alert, Nationwide Healthcare Fraud and Abuse Scan, Sex Offender Index, local criminal check and residence history. Students will be required to submit a notarized Affidavit of Good Moral Character on an annual basis following the initial background check. Drug screening will be required upon admission, and additional screening may be required throughout the program. The required cumulative grade point average (GPA) for entrance into the program is 3.0, with a 3.0 in the required sciences.

While enrolled in the nursing major, the student is expected to exhibit behavior that conforms with the Nurse Practice Act of the State of Florida. The School of Nursing reserves the right to refuse or discontinue enrollment of any student if the student violates the Nurse Practice Act of the State of Florida or in the judgment of the faculty the student does not meet the school’s standards.

A drug math requirement is included in specified nursing clinical courses. A student must achieve 100% accuracy to meet the drug math requirement of each clinical course. If a student fails to achieve 100% on the third test, the student fails the course.

To support the clinical competencies of each student, the School of Nursing has adopted a requirement for clinical performance testing for students in each term of the program. Clinical performance testing in Term I consists of weekly assessment as well as a final evaluation. Inability to demonstrate skills successfully and safely results in the student’s failure of the course. Each student in Terms II through V is required to complete successfully clinical performance testing in each semester of the program prior to the clinical experience. A student who fails to perform the testing correctly and safely is permitted one makeup/retry attempt. Inability to demonstrate skills successfully and safely by the second attempt results in the student’s failure of the course.

A student who is passing a nursing course but has not completed all the required work for the course at the end of the term may, with the permission of the instructor, be assigned a grade of “I,” or Incomplete. Students may not carry an “I” grade in a prerequisite course through the next term. If the “I” or incomplete is not removed by the end of the drop/add period at the beginning of the next term, the student will be dropped from the requisite course.

A student must achieve a grade of 2.0 in each nursing theory and clinical (both elective and required) course. Any course in which a grade below 2.0 is earned must be repeated. Students who do not receive a 2.0 in a clinical course must repeat that clinical course prior to progressing to the next level clinical course. Students who earn two (2) final course grades below 2.0 (including a grade of “U”) in theory and/or clinical nurse courses, whether repeated or not, will not be permitted to continue in the School of Nursing. Students may repeat a course only once. Students will not be permitted to repeat a clinical course in the same semester in which the course was originally taken. Students must complete successfully all clinical and theory courses in each semester prior to progressing to clinical and theory courses in the next semester. Students will not be permitted to take two different level clinical or theory courses at the same time.

Nursing majors are responsible for transportation expenses related to clinical experiences. They are required to carry health and accident insurance. To safeguard the health of clients, nursing students are required to submit proof of health examination and immunizations upon entry into the nursing program. Students must submit proof of BLS for Healthcare Provider certification (American Heart Association) and malpractice/negligence insurance in required amounts prior to enrollment in the School of Nursing. This CPR certification and malpractice/negligence insurance should cover the period of enrollment in the major. Students are required to submit proof of annual tuberculin skin testing. Additional requirements may be imposed by individual clinical facilities/agencies.

Candidates for the bachelor of science degree in nursing must comply with University regulations governing baccalaureate degree programs and must successfully complete all University general education and graduation requirements, all program prerequisites as outlined above, and all required nursing courses.

RN to BSN Program Requirements

In order to be considered for admission to the RN to BSN program, students must have a minimum of sixty (60) semester hours of transferable credit (AA degree strongly recommended). Students must verify satisfactory completion of the Florida CLAST, as well as satisfy the University’s Foreign Language Entrance Requirement.

Additionally, the RN to BSN program is a Limited Access program, which means that there are certain minimum requirements that a student must satisfy, in addition to the general University Admission requirements, in order to be considered for Admission. These additional requirements are:

- Grade Point Average (GPA) – A minimum cumulative GPA of 2.7 on all attempted coursework with a 2.5 minimum in science prerequisite courses
- Current RN Licensure in the state of Florida

Students are accepted to this program for the Fall (July 1 deadline), Spring (November 1 deadline) and Summer (March 1 deadline) semesters. In addition to applying to the University and providing official transcripts, a separate RN to BSN Program Application to the School of Nursing is required. Students applying for the online RN to BSN program must also submit an additional Supplemental Admissions Application for Distance Learning Programs.

While enrolled in any course in the RN to BSN program, all students must have certain required documentation on file, which must be kept current to comply with School of Nursing policy, as well as the rules/ regulations of our contracts with all participating clinical agencies. Upon initial enrollment, all students must submit to an FDLE/FBI Level II Background Check. Each subsequent semester following the first semester of enrollment and initial background check, the student will be required to submit a notarized Affidavit of Good Moral Character to certify that no offenses have been committed since the initial check was completed. Additionally, students must provide a copy of their RN License, proof of CPR certification, a completed Medical Examination Form with proof of immunizations, proof of Professional Liability Insurance and proof of Personal Health Insurance. Additional requirements may imposed by individual clinical facilities/agencies. All documentation must be kept current at all times while enrolled in the program.

While enrolled in the nursing major, the student is expected to exhibit behavior that conforms with the Nurse Practice Act of the State of Florida. The School of Nursing reserves the right to refuse or discontinue enrollment of any student if the student violates the Nurse Practice Act of the State of Florida or in the judgment of the faculty the student does not meet the school’s standards.

Students enrolled in the RN to BSN program must achieve a grade of “C” (2.0 on a 4.0 scale) or higher in all theory and clinical coursework. A student who is passing a nursing course but has not completed all the required work for the course at the end of the term may, with the permission of the instructor, be assigned a grade of “I,” or Incomplete. Students may not carry an “I” grade in a prerequisite course through the next term. If the “I” or incomplete is not removed by the end of the drop/add period at the beginning of the next term, the student will be dropped from the requisite course.

While enrolled in the nursing major, the student is expected to exhibit behavior that conforms with the Nurse Practice Act of the State of Florida. The required cumulative grade point average (GPA) for entrance, and additional screening may be required throughout the program. The required cumulative grade point average (GPA) for entrance into the program is 3.0, with a 3.0 in the required sciences.

While enrolled in the nursing major, the student is expected to exhibit behavior that conforms with the Nurse Practice Act of the State of Florida. The School of Nursing reserves the right to refuse or discontinue enrollment of any student if the student violates the Nurse Practice Act of the State of Florida.

The School of Nursing reserves the right to refuse or discontinue enrollment of any student if the student violates the Nurse Practice Act of the State of Florida. The required cumulative grade point average (GPA) for entrance, and additional screening may be required throughout the program. The required cumulative grade point average (GPA) for entrance into the program is 3.0, with a 3.0 in the required sciences.

While enrolled in the nursing major, the student is expected to exhibit behavior that conforms with the Nurse Practice Act of the State of Florida. The School of Nursing reserves the right to refuse or discontinue enrollment of any student if the student violates the Nurse Practice Act of the State of Florida.
The University established social sciences as a separate college in 1973. The departments and programs that make up the college date from the earliest days of the University. Dedicated to the study of people and society, the social sciences have served as part of the core of the liberal arts tradition at The Florida State University. This heritage continues in the college’s key roles in providing instruction for the University’s liberal studies requirement, in staffing the University’s writing program, and in active international programs.

Many of the great names in the history of the University were associated with the social sciences. Raymond F. Bellamy, after whom the Bellamy Building was named, was the first person to teach courses in sociology in the state of Florida. He was a leading figure in the progress of academic freedom in the state. The Florida State University also was the site of the classic study of democratic values by the late James M. Prothro and the late Charles Grigg of the faculties of political science and sociology, respectively; in the late 1930s they established the modern study of democracy in the United States. James Buchanan, a Nobel Prize winner, was a member of the faculty in economics. Some of the leading women in academic life helped establish social sciences at the University. These include Marian D. Irish and Daisy Parker Flory. The college has provided officers of the University, such as the President, the Provost and Vice President for Academic Affairs, and the Dean of the Faculties; the former Chancellor of the State University System had her faculty appointment in the college.

The tradition of faculty excellence continues. Today the College of Social Sciences has several eminent scholar chairs: the Mildred and Claude Pepper Eminent Scholar Chair in Social Gerontology, Jerry Collins Eminent Scholar Chair in Public Administration, Reubin O’D. Askew Eminent Scholar Chair in Florida Government and Politics, Rod and Hope Brim Eminent Scholar Chair in Economics, DeVoce Moore Eminent Scholar Chair in Economics, John and Hallie Quinn Eminent Scholar Chair for the Renewal of American Heritage and American Free Enterprise, Gus Stavros Eminent Scholar Chair in Economic Education, LeRoy Collins Eminent Scholar Chair in Civic Education, Syde P. Deeb Eminent Scholar Chair in Political Science, Frank P. Sherwood Professor of Public Administration and Policy, and Augustus Tumbledale Professor of Public Administration and Policy. A significant number of other faculty have named professorships and about 40 percent of the faculty have won awards for superior teaching and advising.

Study in social science develops knowledge of people and society. Critical issues facing the United States and the world in the 21st century are the subject matter of our college. Here, critical thinking, analytical methods, and empirical skills are used to understand the key political, social, and economic issues that dominate our public discussions. Our subject matter helps the student understand those aspects of the basic liberal arts that deal with the individual in social context. This understanding includes the role of social diversity, such as the complex world of foreign cultures, the wide range of cultural experiences represented in the United States, and the value of recognizing these differences in one’s own intellectual growth. The social sciences also foster analytical and critical thinking to better equip the individual to live in and understand our increasingly complex society. Finally, the social sciences help students explain different political, social, cultural, and economic structures, their importance, and the basis for their change and growth.

Programs and Structure

The College of Social Sciences focuses upon both basic knowledge and the application of that knowledge to policy questions and public affairs. In applied policy, the college’s interests center on regional, national, and international affairs, and it has a particular interest in state issues, befitting the University’s location in the capital of the state of Florida.

The college consists of one school, the Reubin O’D. Askew School of Public Administration and Policy; five departments: Economics, Geography, Political Science, Sociology, and Urban and Regional Planning; a number of research units: the Pepper Institute on Aging and Public Policy, the Center for Demography and Population Health, the DeVoce L. Moore and Family Center for the Study of Critical Issues in Economic Policy and Government, the Collins Center for Public Policy, the Stavros Center for Economic Education, and the Florida Public Affairs Center; and interdisciplinary programs in Asian Studies, African American Studies, American Studies, International Affairs, Law and Society, Environmental Studies, Russian and East European Studies, Public Health, Health Policy Research, Demography, and Aging Studies.

The instruction offered by the college meets a variety of needs within the University. Social science is a component of the liberal studies and Honors programs, and each of the departments offering a bachelor’s degree has course offerings in liberal studies and Honors. Housed in Broward Hall, the social sciences residential program in public and international affairs also helps students develop the critical capacities necessary for active participation in the affairs of the state, the nation, and the international community. The college offers eight programs of study for the bachelor’s degree, with departmental majors in economics and applied economics, geography, political science, and sociology, and interdisciplinary programs in Asian studies, environmental studies, international affairs, Russian and East European Studies, and social science (which is offered interactively and in traditional classroom formats). In addition to these programs, undergraduate minors are offered in African American studies, law and society, public administration, and urban and regional planning. Many students in other colleges and schools of the University are either required to take some courses in the college as part of their program of study (e.g., all College of Business majors take two courses in economics) or choose to do so as part of their electives. The college encourages and welcomes diversity in student background in its courses. Finally, the college has a large graduate program, offering the master’s degree in 18 areas, the doctor of philosophy in six fields, and six graduate certificates. For details of graduate programs of the college, refer to the University’s Graduate Bulletin.

The college views its role in undergraduate education as having at least three main parts. First, in its contributions to liberal studies and its courses taken by students as electives, the primary objective is to introduce students to the methods and modes of thought of the social sciences. Second, in its undergraduate degree programs, the college seeks to prepare its students both to be responsible and informed citizens with an appreciation of how the world works and to be ready for employment. Third, the college seeks to prepare students for further study in the social sciences or professional schools. Each undergraduate program has a faculty member as director, and academic advice is provided by the faculty. Professional academic advisors and peer advisors located in the college’s student academic affairs office assist undergraduates with academic advising, career counseling and graduation checks. The college actively participates in the liberal studies honors program and offers honors-in-the-major in all of its programs. The College of Social Sciences’ Residential Program in Public and International Affairs provides opportunities for students who live in Broward Hall to take courses on a variety of topics related to government and public policy. Participants involved in this living and learning community benefit from a variety of academic and social enrichments, and enjoy interaction with their instructors and fellow students.

The college maintains a computer lab equipped with personal computers (IBM and IBM-compatible) and printers, and an extensive software library. Use of the facility is free for all students in the college; priority is given to students working on assignments for courses taught by the college’s faculty. The Department of Economics operates a help room for lower-division students, staffed by teaching assistants, that is also a computer lab for undergraduate students taking economics courses.

The Center for Demography and Population Health has a specialist population and demography library. The Social Science Data Center houses the FSU Survey Research Laboratory, a telephone survey center, and a state-of-the-art Geographic Information System (GIS) Laboratory. All are located in the Bellamy Building.

The Reubin O’D. Askew School of Public Administration and Policy, the Departments of Economics, Geography, and Political Science, and
the Interdisciplinary Program in Social Science offer internship programs for qualified undergraduates. Some are open not only to majors, but to other students who meet the programs’ criteria (see relevant entries of this General Bulletin for details). The University’s location in the state capital provides excellent opportunities for internships.

All departments and programs in the college engage in contract and grant research, and there are often opportunities for work-study employment for qualified undergraduates either on outside-funded research or on university-funded activities.

The college regularly sends faculty and students to the University’s London Study Center, the Florence Study Center, and other international programs throughout the world. A semester in either the London or Florence center will usually fit into a student’s program of study without delaying graduation and is very appropriate to most of the college’s undergraduate programs. Other international activities include studies at the University of Costa Rica, the Republic of Panama, Japan, and the Netherlands. Students may take courses leading to the Interdisciplinary Social Science degree interactively through an agreement between The Florida State University and 16 community colleges across Florida.

Requirements

Undergraduate majors enter the college either from the University’s Division of Undergraduate Studies or as junior-level transfers from other institutions or other colleges and schools within the University. The economics program is a limited access program, and students wishing to major in economics should consult the “Department of Economics” entry in this General Bulletin for specific entry requirements. Students in good standing (i.e., with a GPA of 2.0 or better) and eligible for upper division may declare other non-limited access majors within the college. Most majors do have some required or recommended courses that are advisable to take in lower-division study. In addition, all majors will be subject to “mapping” beginning Fall, 2007. For more information, please go to http://www.academic-guide.fsu.edu/. It is therefore useful for potential majors to consult the relevant program entry in this General Bulletin well before they become juniors or enter the college.

General Requirements

1. Compliance with general University regulations governing baccalaureate degrees;
2. For the bachelor of arts degree, completion of the special University-wide requirements for that degree;
3. Completion of a major and a minor, with the exception that interdepartmental majors, international affairs, environmental studies, Russian and East European studies, Asian studies, and interdisciplinary social science, do not require completion of a minor;
4. Not more than two (2) semester hours in physical education activities may count toward the minimum credit-hour requirements for the baccalaureate degree. The limitation on applied music credit is not enforced on majors in the college with a music minor; and,
5. International affairs, Asian studies and Russian and East European studies majors must meet University foreign language requirements in a relevant language whether they wish to receive a BA or a BS. Other majors in the college have no foreign language requirement if the student wishes to receive a BS.

Majors. Each candidate for the baccalaureate degree must complete major requirements in one of the departmental or interdepartmental programs listed below. The major consists of thirty to forty-two (30–42) semester hours. For specific requirements, refer to the individual departments in this General Bulletin.

Departmental Majors. Economics and applied economics, geography, political science and sociology.

Interdepartmental Majors. Asian studies, international affairs, environmental studies, interdisciplinary social science, Russian and East European studies.

Minors. Each candidate for the baccalaureate degree must complete a minor, unless he or she is pursuing an interdepartmental major. The minor may be taken in a program offered through the College of Social Sciences or through another college or school of the University. Minors are offered in the programs that offer majors, as well as the program in African American studies, public administration, law and society, and urban and regional planning. There is no minor in interdisciplinary social science. Students should consult their academic advisors on choice of appropriate minor(s).

The minor will consist of at least twelve (12) semester hours that meet both the requirements of the program offering the minor and the minor requirements of the student’s major.

Work used in meeting minimal requirements for liberal studies or a foreign language requirement for the bachelor of arts degree may not be used for the minor.

Consult program and departmental entries in this General Bulletin for specific minor requirements.

Double Majors

Many students take two majors, i.e., a double major, rather than a major and a minor, and an increasing number of students follow this route to the baccalaureate degree. For a double major, the student must meet the program requirements of both majors, with the following exceptions: 1) The second major can count as the minor for the first major, and vice versa; and 2) If one of the majors is an interdepartmental major, semester hours in excess of thirty (30) taken for the interdepartmental major may be counted toward the minimum requirements of the second major. The second major may be taken in a college or school other than the College of Social Sciences.

Preparation for the Study of Law

Many of the college’s graduates enter law school. There are no required courses for admission to law schools, and law schools advise strongly against attempts to construct “prelaw” majors. Appropriate law school preparatory study is, thus, very flexible, and all of the college’s undergraduate majors are appropriate. Students intending to apply to law school may consult their undergraduate program director or the college’s academic support program coordinator.

Preparation for a Teaching Career

In order to teach in the state of Florida, a student must complete a teacher preparation program. The teacher education program may be combined with a baccalaureate degree from the college; however, students must formally apply and be admitted to teacher education, administered through the College of Education’s Office of Student Services, 108 Stone Building. Admission to teacher education is distinct from admission to a college or school, or undergraduate major, and has different admission criteria. For details, consult the “College of Education” chapter of this General Bulletin. Undergraduates who may wish to teach should consider taking teacher education simultaneously with their major programs.

Honors in the Major

The College of Social Sciences offers honors in the major in all of the college’s programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Dean's List

Students in good standing who in any term carry a full-time course load of twelve (12) or more graded semester hours with a term GPA of 3.5 or better earn the distinction of being on the dean’s list.
The social work program at The Florida State University has its origins in the early history of the institution with social welfare content first being introduced into the curriculum in the 1920s. By the mid-30s, during the Great Depression, undergraduate courses in casework and group work were offered, as well as field placements at the Leon County Welfare Association and the Leon County Unemployment Relief Council.

In 1947, the year that the Florida State College for Women was named, the undergraduate program in social work accepted the first class of students. Two years later the master of social work program was accredited by the Council on Social Work Education and has earned reaccreditation continuously since that time. The undergraduate program was accredited in 1974, the first year that undergraduate programs were granted accredited status.

The PhD program in social work was approved by the Board of Regents in 1974 and accepted its first student in the fall of that year. In June 1973, as part of an overall University structural reorganization, the social work program became identified as the School of Social Work, and in the spring of 2005 became the College of Social Work. It is currently one of 29 schools in the United States that offers social work degrees at the baccalaureate, master’s, and doctoral levels.

As the profession of social work begins the 21st century, there is an ever-increasing awareness of the impact of the many social changes that have taken place in our contemporary world. The College of Social Work is dedicated to the preparation of tomorrow’s social workers. The college’s curriculum is continually updated, recognizing and responding to the changing demands made on the profession. The curriculum is rooted in the ecosystems perspective, which serves as an organizing framework for the entire program, thereby providing an effective basis for studying people and their environment. The combination of class and fieldwork provides students with a rich educational experience and the opportunity for the integration of theory and practice.

The College of Social Work is committed to the pursuit and delivery of excellence in social work education. Through teaching, research, and service, the college educates its graduates for productive careers as professional social workers in diverse arenas, contributes to the knowledge base guiding social welfare practice and policy decisions, and offers expertise and energy to local, state, and national concerns.

The college’s initiatives build on the traditional heritage of social work, and are guided by a commitment to community-based social services. Recognizing that communities function as political, social, and familial entities, the college’s efforts emphasize, but are not limited to, health care, mental health, and the special concerns of children, families, women, and the aged. In all of its capacities, the college recognizes and values mutuality among diverse community groups, and promotes models of service delivery empowering the poor and disadvantaged and ensuring the social services of all community members.

**Degree Programs**

**Bachelor of Social Work (BSW)**

**BSW Program Director:** Kim Maddox

The curriculum offered at the baccalaureate level is designed to enable students to provide services to individuals, families, groups, communities, and organizations as generalists of social work practice.

**Master of Social Work (MSW)**

**MSW Program Director:** Pamela W. Graham

The curriculum at the MSW level is designed to provide quality preparation for high-quality advanced practitioners who will work with diverse client systems and problems. Students may choose an advanced curriculum in either clinical or social policy and administrative concentrations.

**Doctor of Philosophy in Social Work (PhD)**

**PhD Program Director:** Wendy Crook

The PhD program in social work is designed to advance the social work profession through the development of researchers/scholars and educators.

**Overseas Study**

The Florida State University offers students the opportunity to study abroad and to gain valuable experience through international internships. For information concerning eligibility, fees, and other details of these programs, contact the college’s Director of International Programs. Social work majors are encouraged to consider these opportunities for study overseas.

**Requirements for a Major**

Admission requirements to the undergraduate social work program include completion of liberal studies at The Florida State University or completion of an associate in arts degree from a Florida public community college, a minimum of a 2.0 grade point average (GPA) on all college work attempted, and satisfaction of the CLAST requirement. To continue in the program, students must meet the following requirements:

1. Students must complete the following Common Core Requirements necessary for the degree program. All of these courses must be completed, with a grade of “C” or better, no later than the second semester as a declared major: 1) American Government (American National Government or American Government); 2) Biology (Human Biology or Human Anatomy and Physiology); 3) Economics (Microeconomics or Macroeconomics); 4) Introductory Psychology; and 5) Introductory Sociology/Social Problems.

2. Students must satisfactorily complete SOW 1054r, 3350, and 3203 (with grades of “C” or better); and,

3. Students must complete a formal application as a social work major while enrolled or upon completion of SOW 1054r, 3350, and 3203.

A minimum of forty-nine (49) semester hours in social work is required for graduation. It is expected that each student, with counsel from the adviser, will move through the required courses in a uniform pattern, observing cognate requirements and course prerequisites and corequisites. Required courses are SOW 1054r, 3203, 3350, 4104, 4232, 4323, 4341, 4346, 4403, 4414, 4510, 4522, and 4620. Students must complete the required courses in sequence.

Students must maintain an overall GPA of 3.0 or better in the major. No social work course with a “U” or a letter grade below “C” will apply toward a social work major.

The College of Social Work does not require a foreign language as part of its undergraduate program of studies. However, in order to graduate from The Florida State University all students must provide the University with verification of completion of two units of the same foreign language in high school or at least eight (8) semester hours of the same foreign language (or equivalent proficiency) at the college level. Students are expected to have satisfied this requirement upon admission to the University.

Students majoring in social work are not required to complete a minor in another department.

**Field Education**

Field education is a vital and integral part of the total curriculum. Through actual experience in the field, students are helped to link theory to practice. Qualified agency staff members serve as field instructors, and the field agencies selected by the college cover the broad spectrum of social work practice. Currently, the college is affiliated with more than 400 agencies across the state of Florida, in areas of the southeastern United States, and internationally.
Undergraduate field education, SOW 4510, is a twelve (12) semester hour course (512 clock hours) that requires the student to register for and complete successfully a thirty-two (32) hour per week field placement for one semester. Students must register concurrently for SOW 4522, Integrative Seminar. The field education course is designed to help students develop the skills necessary for generalist social work practice. The course is restricted to social work majors and can only be taken after the completion of all courses necessary for the completion of the degree. The student must have a GPA of 3.0 or better in all social work courses and an overall GPA of 2.0 in order to register for SOW 4510.

Honors Programs

The College of Social Work encourages students to apply for the honors program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Research and Outreach Programs

Institute for Family Violence Studies

The endowed Institute for Family Violence has been established within the College of Social Work to examine the effects of family violence across the life span for a wide range of populations. Recognizing the legacy of violence on the subsequent development of victim survivors, the institute is concerned with the contextual and developmental aspects of family violence. The institute maintains the ecological perspective of social work supporting analyses of societal institutions, policies, and practices that impact the incidence of interpersonal violence and trauma.

Institute for Social Work Research

The Board of Regents of the State of Florida University System established the Institute for Health and Human Sciences Research (IHHSR) in 1986. First called the Center for Human Services Policy and Administration, it was created as an interdisciplinary University-wide research institute, with a mission to conduct research for both the public and the private sector. Its goal is to develop and disseminate knowledge to improve policy decisions. In 1999, IHHSR was relocated to the College of Social Work at The Florida State University, and in 2005 was subsequently renamed to reflect this move.

Multidisciplinary Evaluation and Consulting Center

The Florida State University Regional Multidisciplinary Evaluation and Consulting Center is a full-service, University-based diagnostic and training center that has been in operation since 1983. Comprehensive diagnostic and consultative services are provided to eighteen school districts in the Panhandle region of north Florida. Referrals also are accepted from the research schools at The Florida State University and Florida A&M University, as well as Children’s Medical Services, and other state and community agencies. Multidisciplinary collaboration is an integral part of center services. The staff includes professionals from school, counseling, and clinical psychology, counseling education, and social work. Consultation with professionals from speech and audiology and pediatric medicine also is available.

Student Organization

The Association of Student Social Workers (ASSW) is an organization of and for social work students. It is open to undergraduates as well as graduates, and participation by all is welcomed. The association is a good vehicle for socialization into the profession and orientation to the college. It can be used as a channel for handling feedback to the school about the program and is an excellent way for students to get to know one another as well as to participate in a wide array of community service activities.

College of Social Work Scholarships

The following scholarships are offered to Social Work majors. If you would like information on how you can help, please contact the development officer of the College of Social Work at (850) 644-9749 or e-mail mtuvesson@mailer.fsu.edu.

- Citrus Health Network Scholarship for Graduate Students. For full or part-time graduate students who are interested in working in the behavioral health care field (e.g., mental health & substance abuse), and would consider working in the Miami-Dade County area. Estimated award amount: $750-1500.
- Mark DeGraff & Lula Hamilton DeGraff Scholarship. For full-time senior undergraduate or full or part-time graduate students who are interested in working with or conducting research relating to youth. Estimated award amount: $1000-1500.
- Joanna F. Gorman Scholarship. For full-time upper-level undergraduate or graduate students (MSW or doctoral) who plan a career in the field of child welfare, maternal and child health, community mental health or primary prevention in mental health or health. Estimated award amount: $2000-3000.
- Robert P. Hurrle Scholarship for Field Instruction. For Social Work majors who demonstrate a commitment to the field of aging or military social work. This stipend is offered each semester & is to be used while the student is completing a field practicum in one of these areas. Estimated award amount: $2500-4500.
- Margaret H. Jacks Scholarship in Aging. For full- or part-time MSW students who have completed at least one course on aging or demonstrated a commitment to the field of aging. Estimated award amount: $500-1000.
- Richard M. King Scholarship in Social Work & Business Administration. For full- or part-time graduate students who are interested in earning both an MSW and a Master’s in Business Administration. Estimated award amount: $2000-3000.
- Koalska Undergraduate Scholarship. For full-time undergraduate students whose parents did not attend college. Financial need considered. Estimated award amount: $1500.
- Joyce Harper Laidlaw Scholarship in Child Welfare. For graduate students who demonstrate dedication & commitment to work in the area of child welfare, and show financial need. Estimated award amount: $1500-2500.
- Coyle & Mable Moore Scholarship. For full-time Social Work students who show evidence of good character & citizenship, volunteer work, and financial need. Estimated award amount: $750-1500.
- Sarah Stanley Morrill Scholarship. For Social Work majors with interest in the field of community mental health. Estimated award amount: $200-500.
- MSW Class of 1975 March Graduates Scholarship. For two-year full-time MSW students interested in community-based practice, advocacy or public policy, with evidence of commitment to social justice concerns. Estimated award amount: $250-500.
- Bernhard Scher Undergraduate Scholarship. For undergraduate (60 credit hours completed at college level) Social Work majors enrolled in Social Work classes, with overall GPA of at least 3.5. Essay on “Social Work Values” required. Estimated award amount: $500-750.
- Guy & Delores Spearman Scholarship. For BSW or MSW students from Brevard County with overall GPA of 3.0 or greater. Estimated award amount: $1500-3000.
- Maurice M. & Patricia V. Vance Scholarship. For MSW or PhD students returning to school, after a hiatus of at least two years, to forward their professional careers in social work. Academic achievement, financial need, and dedication to the field are considered, with the greatest emphasis on dedication. Estimated award amount: $1000.
- Victoria E. Warner Scholarship. For Florida A & M University graduates currently enrolled in MSW program at FSU (full- or part-time). Estimated award amount: $1000-1500.

Program Opportunities

The College of Social Work offers other opportunities that afford the students the ability to focus on specialized areas of interest. With guidance from advisors, students may create a program of study that meets their specific educational and career goals.

Child Welfare Practice Certificate Program

This certificate program offers both undergraduate and graduate students an opportunity to focus their curriculum on issues related to child welfare. Course work addresses the following: the prevention of neglect, abuse, exploitation, or delinquency of children; the protection of homeless, dependent, or maltreated children; the strengthening of families to maintain children in their own homes; the development of advocacy
groups, and the analysis of social policies and mental health issues related to this population. Child welfare practitioners provide a continuum of services in both public and private settings.

**Family Social Work Practice Certificate Program**

This certificate program is designed for MSW clinical concentration students who wish to develop advanced competence in couple and family social work.

**Certificate in Aging Studies**

The Florida State University Pepper Institute on Aging and Public Policy offers an opportunity for a concentrated education in aging studies. Students with an interest in aging and educational credentials that indicate their completion of a multi-disciplinary course of study in aging and old age take courses in social work and a variety of other disciplines.

**The Arts and Community Practice Certificate**

The program is designed for both undergraduate and graduate students who wish to develop a focused concentration on the application of the arts to community development. Inclusive of groups and families, this program addresses all stages of human development. Particular attention will be given to prevention, enrichment, and response to social concerns.

**Leadership in Executive and Administrative Development (LEAD) in Social Work Certificate**

The mission of this leadership certificate is to educate students about leadership theories and practices and to provide students with leadership experience. Learning about leadership gives students the skills they need for middle and executive positions in social service situations. Through an in-depth curriculum that emphasizes leadership, decision-making, client-centered management, team building, negotiating, budget and finance, and the successful management of grants, students learn to successfully manage social service agencies.

**Joint MSW/JD Program**

The program is for students interested in combining a MSW with a degree in law. Persons graduating with this joint degree practice in areas such as family law, child advocacy, domestic violence, public policy, and public defense. Students must be admitted simultaneously and independently to both the University’s College of Social Work and the College of Law.

**Joint MSW/MPA Program**

The Florida State University’s Reubin O’D. Askew School of Public Administration and Policy and the College of Social Work offer a joint-degree program leading to the degree of Masters of Social Work (MSW) and Masters of Public Administration (MPA). This is one of the few joint-degree programs in these fields offered in the United States. The program prepares students for positions in public, private and nonprofit human service organizations by gaining knowledge in both social work and public administration.

**Joint MSW/MS in Criminology & Criminal Justice**

This program is a collaboration between the College of Social Work and the College of Criminology and Criminal Justice. The joint degree is for graduate students in both programs who wish to expand their understanding of the connection between these two fields of study and gain expertise through work with forensic clients. Students must apply and be accepted to each graduate program independently.
The College of Visual Arts, Theatre and Dance was formed in 2005, with the combination of the former School of Visual Arts and Dance and the School of Theatre. The college has six academic units: the Departments of Art, Art History, Art Education, Interior Design, Dance, and the School of Theatre. These academic units offer an extensive program of instruction in all areas of the visual arts, theatre and dance. In fact, every level of undergraduate and graduate degree that a university can offer in these areas is represented within the college, including the established terminal degree in each discipline. Accordingly, the college is unique in the state of Florida.

Enhancement of the fine and performing arts is one of The Florida State University’s specific goals as presented in its mission statement. The comprehensive nature and consistent quality of the college may be credited in large part to the recognition and support for the arts evident in the University. The very idea of arts training within a university context is held to be fundamentally important to an individual’s education in today’s society. The College of Visual Arts, Theatre and Dance shares much in common with an independent arts school, but the differences are more important than the similarities. The University strives toward education of the whole person, and it has a great variety of cultural and curricular resources to reach this end. Therefore, our students have the opportunity to benefit from the entire University, a warm and friendly residential college and major graduate research institution. There is no substitute for this environment.

The college promotes the visual arts, theatre and dance within this community. Its goal is to provide a broad-based liberal arts education for students, while at the same time training them to be dancers, actors, designers, artists, scholars, teachers, or other professionals in the field. It functions to enrich their lives and to provide them with the means of self-expression in an increasingly complex and impersonal technological society—a society ever more dependent upon visual language and information. The study and practice of the arts are therefore viewed as a necessary link in the educational system, both as a learning process and as a means of personal fulfillment. Measures are applied within the College—and indeed throughout The Florida State University campus—to keep the spirit of open inquiry vital and productive.

Regardless of the department of a student’s major, the College of Visual Arts, Theatre and Dance provides an unusual opportunity for working with a distinguished faculty of nationally and internationally recognized artists and scholars, all of whom teach undergraduate as well as graduate students.

Requirements of the College

By and large the college has few requirements that go beyond those stipulated by the University. As appropriate, these requirements are provided in the narratives describing the individual departments and programs. No minor is required by the college. Three programs grant degrees categorized as “limited access” in the sense that they are proficiency based: 1) the bachelor of fine arts (BFA) in graphic design and in art (studio) and master of fine arts (MFA) in art (studio); 2) the BFA and MFA in dance; and 3) the BFA in Acting and in Music Theatre and the MFA in Acting. Entrance is gained through portfolio review or audition.

Facilities

In addition to the lecture rooms, general classrooms, seminar rooms, and media-specific laboratories (e.g., printmaking, electronic imaging, ceramics, sculpture, photography, and the like), three specialized facilities merit particular mention. First, art students in designated degree programs are provided individual studios in two large “warehouses” at the edge of campus, making it possible for them to work in a healthy environment that promotes the cross-fertilization of ideas and constructive debate. Students at different stages of development learn from each other as well as from their professors, who regularly come to their studios for tutorials and critiques. Second, dance students train in spacious, comfortable studios and perform in their own fully equipped professional dance theatre, experimental black box theatre, and grand salon; in addition, students explore dance technology in state-of-the-art labs. Also, theatre students train and perform in four venues, including two traditional proscenium theatres, a lab theatre, and a stage for student-produced works.

Honors in the Major

The College of Visual Arts, Theatre, and Dance offers honors in the major in several departmental and interdepartmental programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Study Abroad

The University offers many opportunities for international study open to all qualified state university students. Study-abroad programs range in nature from long-established study centers in Florence, Italy, and London, England, to recently developed programs in countries such as Spain, France, and South Africa. Operated by The Florida State University, they provide the opportunity for a truly rewarding educational and cultural experience. Representing as it does a collegial body of students of art, the College of Visual Arts, Theatre, and Dance has a particular affinity for the Florence program, one which has led to a history of involvement since the founding of the program in 1966, largely through the efforts of the art history faculty. In every year that it has existed, at least one member of the school faculty has taught in Florence, and the school has significant representation among the students studying there. More recently, greater emphasis has been placed on the opportunities at the London Center. Students of theatre, art, dance, design, and art history flourish in the rich, humanistic environments of these magnificent cities and cultural centers. This they can do usually without disrupting their sequence of courses and without loss of residency since the Florence and London campuses are true extensions of the Tallahassee campus.
Museum Studies

The College of Visual Arts, Theatre, and Dance is the academic home of The Florida State University’s museum studies certificate program. Open to graduate students of all departments, the program offers theoretical, practical, and methodological training in museum management, curatorship, fundraising, collections management, education and interpretation, marketing, exhibition development, and other museum topics. The museum studies curriculum includes courses taught by full-time faculty and practicing museum professionals, internships, and special museum projects. Emphasis is placed on career guidance and finding a position in the museum profession. Students have opportunities for firsthand experience at the college’s Museum of Fine Arts, the Ringling Museum of Art, and in other regional and national museums. The Florida State University’s international programs offer museum internships at international institutions in cities such as London and Florence.

On the undergraduate level, students studying art history may obtain a concentration in museum studies.

The Florida State University Museum of Fine Arts

The Florida State University Museum of Fine Arts is first and foremost an extension of the teaching mission of the school. Large, modern, and spacious, it houses the permanent collection and several times a year hosts student and faculty shows. In addition, the school faculty and museum staff pride themselves on originating shows of national prominence, documented through professional catalogs distinguished for their scholarship. The Florida State University Museum of Fine Arts is a community resource of regional significance in the Southeast, and is fully accredited by the American Association of Museums.

The John and Mable Ringling Museum of Art

Beginning with the new millennium, The Florida State University has been charged by the State of Florida with administration of the Ringling Museum of Art in Sarasota, Florida. This incredible museum complex with its superb internationally renowned art collection, circus museum, and Ringling mansion, offers multiple opportunities for students in the arts, museum studies, and the humanities. Programs enhance undergraduate and graduate education in the College of Visual Arts, Theatre, and Dance, as well as many other areas within The Florida State University.

Accreditation

The College of Visual Arts, Theatre, and Dance is fully accredited according to discipline as appropriate by the National Association of Schools of Art and Design, the National Association of Schools of Dance, the National College Association for Teacher Education, the Foundation for Interior Design Education Research, and the National Association of Schools of Theatre.
FLORIDA’S STATEWIDE COURSE NUMBERING SYSTEM

Florida’s Statewide Course Numbering System

Courses in this Bulletin are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System. This numbering system is used by all public postsecondary institutions in Florida and 33 participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course details.”

Example of Course Identifier

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Digit (second digit)</th>
<th>Decade Digit (third digit)</th>
<th>Unit Digit (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>No laboratory component in this course</td>
</tr>
<tr>
<td>Sociology, General</td>
<td>Freshman Level at this institution</td>
<td>Entry level General Sociology</td>
<td>Survey Course</td>
<td>Social Problems</td>
<td></td>
</tr>
</tbody>
</table>

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions (Exceptions are listed below.)

For example, a survey course in social problems is offered by 35 different postsecondary institutions. Each institution uses “SYG 010” to identify its social problems course. The level code is the first digit and represents the year in which students normally take this course at a specific institution. In the SCNS taxonomy, “SYG” means “Sociology, General,” the century digit “0” represents “Entry-level General Sociology,” the decade digit “1” represents “Survey Course,” and the unit digit “0” represents “Social Problems.”

In science and other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course that meets in the same place at the same time. The “L” represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college. The same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses

Section 1007.24(7), Florida Statutes, states:

Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution:

A. Courses in the 900-999 series (e.g., ART 2905)
B. Internships, practica, clinical experiences, and study abroad courses
C. Performance or studio courses in Art, Dance, Theater, and Music
D. Skills courses in Criminal Justice
E. Graduate courses
F. Courses not offered by the receiving institution
G. For courses at non-regionally accredited institutions, courses offered prior to the transfer date of the course

College preparatory and vocational preparatory courses may not be used to meet degree requirements and are not transferable.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to: the Office of the Dean of The Faculties at The Florida State University, (850) 644-6876, or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, FL 32309-0400. Special reports and technical information may be requested by calling telephone number (850) 245-0427, or SunCom (850) 205-0427.
### COURSE PREFIXES, DEFINITIONS, AND LOCATIONS

**How to Find a Course:**

The following list presents course subjects alphabetically by letter prefix. The column to the right contains the department(s) and/or program(s) offering that course subject. The departments/programs can be found, alphabetically, in the “Academic Departments and Programs” section of this Bulletin, where each course offered in a given program is listed, including title, description, and credit hours.

**Course Symbols**

*Note:* Courses that may be repeated for credit are designated by an “r” immediately following the course number.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Definition</th>
<th>Program(s)</th>
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<tbody>
<tr>
<td>ACG</td>
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<td>Course Prefix</td>
<td>Definition</td>
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<td>Physical Education Activities (General): Land-Performance Centered</td>
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<td>Physical Education Activities (Professional): Land-Object Centered</td>
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<td>Physical Education Activities (Professional): Land-Performance Centered</td>
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Requirements for a Major in Accounting

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for accounting majors; 3) the general business core requirements for accounting majors; 4) the general business breadth requirements for accounting majors; and 5) the major area requirements for accounting majors. To be eligible to pursue an accounting major, students must meet the admission requirements of the “College of Business.” These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All accounting majors must complete the following four (4) courses. A grade of “C–” or better must be earned in each course.

- FIN 3403 Financial Management of the Firm (3).
- GEB 3213 Business Communications (3).
- MAN 3240 Organizational Behavior (3).
- MAR 3023 Basic Marketing Concepts (3).

General Business Breadth

All accounting majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

- ISM 3011 Introduction to Management Information Systems (3).
- QMB 3200 Quantitative Methods for Business Decisions (3).
- Plus two (2) electives from the following list of courses:
  - HFT 3240 Managing Service Organizations (3).
  - MAN 3504 Services Operations Management (3).
  - MAN 3600 Multinational Business Operations (3).
  - MAN 4720 Strategic Management and Business Policy (3).
  - MAR 3700 Professional Selling (3).
  - REE 3043 Real Estate (3).
  - RMI 3011 Risk Management/Insurance (3).

Major Area Requirements

All accounting majors must complete the ten (10) courses listed below. In addition, accounting majors must complete a total of ninety (90) semester hours of non-accounting courses.

To enroll in the required upper-level accounting courses (those with ACG and TAX prefixes), students must have completed ACG 2021 Introduction to Financial Accounting with a grade of “B–” or better. A grade of “C–” or better must be earned in all required upper-level accounting courses and BUL 3330.

- ACG 3101 Financial Accounting and Reporting I (3).
- ACG 3111 Financial Accounting and Reporting II (3).
- ACG 3341 Cost Accounting I (3).
- ACG 3351 Cost Accounting II (3).
- ACG 4201 Financial Accounting and Reporting III (3).
- ACG 4401 Accounting Information Systems (3).
- ACG 4632 Auditing Theory and Application I (3).
- BUL 3330 Law for Accountancy (4).
- BUL 3350 U.C.C. Business Law Problems (3).
- TAX 4001 Federal Tax Accounting I (3).

Definition of Prefixes

- ACG—Accounting: General
- GEB—General Business
- TAX—Tax Accounting
Undergraduate Courses

To register for any accounting course, students must have completed all prerequisite courses with appropriate grades.


ACG 2071. Introduction to Managerial Accounting (3). Prerequisite: ACG 2021 with a grade of “C–” or better. An introduction to managerial accounting concepts. Credit not allowed for accounting majors.

ACG 3101. Financial Accounting and Reporting (3). Prerequisite: ACG 2071 with a grade of “B–” or better. In-depth study of financial reporting concepts and generally accepted accounting principles including an overview of the accounting cycle, current liabilities, current and noncurrent assets. Emphasis on analyzing financial events and the consequences of financial reporting alternatives.

ACG 3111. Financial Accounting and Reporting II (3). Prerequisite: ACG 3101 with a grade of “C–” or better. In-depth study of financial reporting concepts and generally accepted accounting principles including an overview of the accounting cycle, current liabilities, current and noncurrent assets. Emphasis on analyzing financial events and the consequences of financial reporting alternatives on financial statements.


ACG 3331. Cost Accounting and Analysis for Business Decisions (3). Prerequisite: ACG 2071 with a grade of “C–” or better. Study of techniques of cost accounting and cost analysis for various business decisions. Credit not allowed for accounting majors.

ACG 3341. Cost Accounting I (3). Prerequisites: ACG 2021 with a grade of “B–” or better; MAC 2233; QMB 3200. Planning and control of economic entities through cost-volume-profit relationships, job order, process and standard cost accounting. The relationship of accounting systems to decision making is emphasized.

ACG 3331. Cost Accounting II (3). Prerequisites: ACG 3341 with a grade of “C–” or better. Planning and control of economic entities through direct and relevant costing, inventory management, decentralized operations, capital budgeting, and quantitative techniques. The relationship of accounting systems to decision making is emphasized.

ACG 3945. Cooperative Education Work Experience (0). (S/U grade only.)

ACG 4201. Financial Accounting and Reporting III (3). Prerequisites: ACG 3111 with a grade of “C–” or better, CGS 2100. An introduction to manual and computerized accounting information systems. Transaction cycles, internal controls, and flowcharting are emphasized.

ACG 4501. Accounting for Governmental and Not-for-Profit Entities (3). Prerequisite: ACG 3111 with a grade of “C–” or better. An introduction to fund accounting procedures and financial reporting requirements for governmental units and not-for-profit entities.

ACG 4632. Auditing Theory and Application I (3). Prerequisites: ACG 3111 and 4401 with grades of “C–” or better. Legal and professional responsibility of CPAs; generally accepted auditing standards; audit programs, procedures, and evidence; review and evaluation of internal controls.

ACG 4642. Auditing Theory and Application II (3). Prerequisite: ACG 4632 with a grade of “C–” or better. Theory of auditing and development of audit programs; sampling; procedures of obtaining audit evidence; auditor responsibility under Securities and Exchange Commission requirements; and auditing computerized systems. Subsequent credit for ACG 5635 is not permitted.

ACG 4682. Investigative Accounting (3). Corequisite: ACG 4632. An introduction to current issues in forensic accounting. Topics include criminal statutes related to financial crimes, rules of evidence, interviewing techniques, sources of financial information, methods of proof for financial crimes, and investigative techniques used to solve financial crimes.

Program in ACTUARIAL SCIENCE

COLLEGE OF ARTS AND SCIENCES

Director: Bettye Anne Case (Mathematics); Advisory Committee: Beaumont, Cobbe (Economics); Carson, Hawkes (Computer Science); Maroney (MBA, Risk Management/Insurance); Huffer (Statistics); Icerman (Accounting); Christiansen (Finance); Paris (Mathematics)

This interdisciplinary degree provides broad instruction in the mathematical and statistical concepts underlying the operations of life, pension, property and casualty insurers, governmental agencies, consulting and financial firms. Along with strong mathematical and computational skills and a solid grounding in each of the component disciplines, the program is designed to enhance leadership ability and communications skills. The program also provides a background for graduate or professional study in many areas beyond actuarial science, e.g., business, economics, finance, law, statistics. It is the only bachelor’s degree program in actuarial science in a Florida university, and it is classified by the professional actuarial societies as advanced undergraduate and graduate education.

Students in the program are assisted in moving forward professionally by tutorials that are provided to assist their preparation for national actuarial examinations, and by guest lecturers who are actuaries discussing the varied available employment. For statewide common course prerequisites and curriculum information, please see the “Department of Mathematics” chapter in this General Bulletin.

Graduate Courses

ACG 5005. Accounting Concepts: Introductory (3).


ACG 5308. Accounting Concepts for Managerial Control (3).

ACG 5356. Advanced Management Accounting (3).


ACG 5458. Emerging Technologies in Accounting and Auditing (3).

ACG 5466. Enterprise Systems and Accounting (3).

ACG 5505. Government and Not-for-Profit Accounting and Auditing (3).

ACG 5535. Auditing Theory and Application II (3).

ACG 5595. Challenges in Professional Accounting (3).

ACG 5905. Directed Individual Study (1–3). (S/U grade only.)

ACG 5906. Special Studies in Management (1–3).

ACG 5915. Supervised Research (1–3). (S/U grade only.)

ACG 5935. Special Topics in Accounting (1–3).

ACG 5944. Supervised Teaching (1–3). (S/U grade only.)

ACG 6696. Seminar in Financial and Auditing Research (3).

ACG 6845. Seminar in Behavioral Accounting Research (3).

ACG 6845. Seminar in Analytical Research (3).

ACG 6885. Introduction to Accounting Research (3).

ACG 6895. Seminar in Capital Market Based Accounting Research (3).

ACG 6916. Supervised Research (1–5). (S/U grade only.)

ACG 6939. Doctoral Seminar in Accounting (3).

ACG 6946. Supervised Teaching (1–3). (S/U grade only.)

ACG 7040. Readings for Examination (1–12). (S/U grade only.)

TAX 5015. Federal Tax Accounting II (3).

TAX 5065. Research in Federal Taxation (3).

TAX 5105. Seminar in Corporate Income Taxation (3).

TAX 5205. Seminar in Partnership Taxation (3).

TAX 5405. Seminar in Federal Taxation of Estates and Gifts (3).

TAX 5875r. Special Topics in Taxation (1–3).
AFROTC College Scholarship Programs

Financial assistance may be available in the form of AFROTC academic scholarships. Under this program, the Air Force pays for full tuition and fees and provides an allowance for books, supplies, and equipment. Scholarships may be awarded for up to three and one-half (3.5) years. Four-year scholarships must be applied for by December 1st in the year prior to enrollment as a freshman. Other scholarships are available after enrolling in aerospace studies courses. Scholarships are available for students attending Florida A&M University (FAMU), a historically black university, if the student has a 2.50 or higher cumulative GPA.

Field Training

Cadets in the two-year program must complete a six-week field training course before they may formally enroll in the professional officer course. This course includes career training, physical conditioning, and the general military course academics. Academic credit for up to four (4) semester hours may be given for cadets attending a six-week field training and who have not previously completed AFR 1101, 1102, 2130, and 2140. See the Professor of Aerospace Studies for further information and to apply for the credit.

Cadets enrolled in the four-year AFROTC program are required to attend a four-week field training course before they may formally enroll in the professional officer course. Field training provides a better understanding of the United States Air Force mission, increases the cadets' proficiency in junior officer training areas, and stresses the importance of physical conditioning.

All field training courses are conducted at active Air Force bases. Students attending these courses receive pay for the encampment plus travel allowances.

Officer Commissions

Upon graduation from the University, cadets who complete the professional officer course are commissioned as Second Lieutenants in the United States Air Force. As graduates they incur an obligated active duty tour of four years for nonflyers, eight years for navigators, and ten years for pilots.

Minor

A minor in aerospace studies is offered and may be selected by the student with the approval of the major department and the Department of Aerospace Studies. Requirement for a minor is twelve (12) semester hours in aerospace studies courses.

Oral Communications Competency

The Florida State University requires students to demonstrate competency in oral communications prior to graduation. Students who meet the specific criteria below may be awarded the competency through AFR courses.

1. Successfully complete (grade of “C-” or better) the verbal presentation portion of three AFR courses.
2. Apply to the department office assistant for award of the competency. Students should be advised that application alone does not guarantee that credit towards the completion of the oral communication competency requirement will be awarded. All applications must be reviewed prior to graduation.
3. All AFR courses are eligible for consideration.

Special Activities

Special activities provide for the development of teamwork and executive officers. Included are the Arnold Air Society, a national honorary organization, and the FSU/FAMU/TCC/ERAU AFROTC Silver Eagles Drill Team, an armed precision drill unit. Students who desire to fly can participate in a flying program with the Florida Civil Air Patrol.

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Awards and Decorations

Awards and decorations, made available by national organizations, The Florida State University, and local/national military organizations, are presented to both general military course and professional officer course cadets each year. These plaques, trophies, medals, and ribbons symbolize superior achievement. AFROTC and other University academic courses and in outstanding campus and cadet corps leadership.

Definition of Prefix

AFA—African-American Studies

Undergraduate Courses

AFR 1101. USAF Strategic Forces (1). This course deals with the Air Force structure as well as traditions behind customs and courtesies, and team building skills.

AFR 1102. USAF General Purpose and Support Forces (1). This course is a continuation of AFR 1101.

AFR 2130. Development of Airpower I (1). This course, along with AFR 2140, is a study of airpower from balloons and dirigibles through the jet age, a historical review of airpower employment in military and nonmilitary operations in support of national objectives, and a look at the evolution of airpower concepts and doctrine.

AFR 2140. Development of Airpower II (1). This course is a continuation of AFR 2130.

AFR 2233L. AFROTC Leadership Lab (1). (S/U grade only.) For AFROTC cadets only.

Program in AFRICAN-AMERICAN STUDIES

COLLEGE OF SOCIAL SCIENCES

Director: Dr. Patrick L. Mason

The African-American Studies program is an interdepartmental and interdisciplinary study of the history, culture, and socio-economic well-being of African-Americans. Knowledge and research methods drawn from several disciplines enable students to enhance their understanding of African-Americans’ unique social circumstances and heritage, and acquire a deeper comprehension of the history and culture of the nation as a whole.

Requirements for a Minor in African-American Studies

The program minor requires the completion of fifteen (15) semester hours. Specific requirements are as follows: 1) AFA 3101 Theory and Dynamics of Racism and Oppression, or AFA 2000 Introduction to the Afro-American Experience, three (3) semester hours; 2) SOP 3782 Psychology of the Afro-American, three (3) semester hours; 3) subject to departmental prerequisites, at least six (6) semester hours selected from core courses; and 4) the remaining three (3) semester hours to be selected from special topics seminars, directed individual studies (DIS) in approved disciplines, or approved courses not previously chosen to fulfill the core requirements.

Freshmen and sophomore students who intend to minor in African-American studies should declare this intention with the dean of their college or school and their department adviser. Junior and senior students should notify their respective academic deans.

Definition of Prefix

AFA—African-American Studies

Core Courses

These courses will count for the minor in African-American Studies Program.


AFA 3101. Theory and Dynamics of Racism and Oppression (3). Conceptual, institutional, and historical analysis of the operation and inner logic of racism and oppression.

AFA 3330. Black Families in America (3). This course explores the social, economic, and cultural forces that have shaped the development of African-American families. In examining historical and contemporary transitions in the structure and functioning of African-American families, special emphasis is given to the bifurcation in the distribution of wealth and power in American society, as well as the role of racial stratification. The course also seeks to empirically examine contemporary policy and political debates on crucial issues confronting African-American families.

AFR 2940. Basic Aerospace Internship (4). (S/U grade only.) (AFROTC Field Training.) Prerequisites: selection for the two-year AFROTC program and permission of the professor of aerospace studies.

AFR 3201. Air Force Management (3). This course is the initial semester of a study of leadership and management fundamentals. Material deals with general managerial and leadership concepts and theories and relates them to the Air Force junior officer. A block on communicative skills is included in this course.

AFR 3202. Air Force Junior Officer Leadership (3). Continuation of the study of leadership and management begun in AFR 3201.

AFR 4211. U.S. Defense Policy and Strategy Formulation (3). Prerequisite: AFR 3202. This course, along with AFR 4212, includes an examination of the need for national security, analysis of the evolution of the American defense strategy and policy and of the methods for managing conflicts, and a study of the formulation of American defense policy and strategy.

AFR 4212. Preparation for Active Duty (3). Prerequisite: AFR 4211. Continuation of AFR 4211.

Note: If stated prerequisites are not met, permission of the professor of aerospace studies is prerequisite to all courses.

AFRICAN HISTORY:

see African-American Studies; History

AFRO-AMERICAN STUDIES: see African-American Studies

AFR 3395. Cultural Pluralism and Community Service (3). This course presents students a theoretical framework for evaluating effective community service strategies, especially in response to the needs of African-American clients.

AFR 3398r. Special Topics (1–3). Varies with instructor, and semester. May be repeated to a maximum of nine (9) semester hours.

AFR 4095r. African American Studies Directed Individual Study (1–4). May be repeated during the same semester.

Other Courses

AFA 1003. Diversity and Justice (1). This course integrates African authors, pre- and post-Apartheid, to demonstrate the problems of living in a diverse world. It fosters awareness and acceptance of people different from students through the study of African-American culture, and stimulates an appreciation and respect for people of all cultures.

Note: Descriptions of the following courses can be found under the individual departments in which they are taught.

AFH 1000. African History and Civilization (3).

AFH 2451. Sub-Sahara Africa Since 1800 (3).


AMH 2096. Black Women in America (3).

AMH 4571. Black America to 1877 (3).

AMH 4572. Black America Since 1877 (3).

AML 2600. Introduction to African-American Literature (3).

AML 3682. American Multi-Ethnic Literature(3).

AML 4604. African-American Literary Traditions (3).

ARH 2521C. Survey in African-American Art and Aesthetics (3).

ARH 4118. Archaeology of Ancient Egypt (3).

ARH 4523. West African Art and the Diaspora: Brazil, Haiti, The United States and Suriname (3).

ARH 4533. The Arts of Oceania, Africa and Native America (3).


DAN 4035r. Special Topics in Dance (1–3).

ECP 3143. Afro-Americans in the American Political Economy (3).

ECP 4613. Urban Economics (3).

FRW 4770. Black Literature of French Expression (3).

HIS 4930r. Special Topics in History (3).

LIT 4329. African American Folklore (3).

MUH 3053. Minority Musics in North America (3).

MUH 4801. History of Jazz I (2).

MUH 4802. History of Jazz II (2).

MUL 4931r. Special Topics in Music Literature (1–3).

MUT 2641. Jazz Improvisation I (1).

PAD 4414. American Public Service (3).

POS 3142. Urban Politics (3).

POS 4624. The Supreme Court, Civil Liberties, and Civil Rights (3).

POT 3502. Politics and Ethics (3).

REL 3375. Afro-Caribbean Religions (3).

REL 3936r. Special Topics in Religion (1–3).

REL 4190r. Undergraduate Religion and Culture Seminar (3).

SOP 3782. Psychology of the African-American (3).

SOW 4622. Social Work with Black Families (3).
Certificate Program in the PEPPER INSTITUTE ON AGING AND PUBLIC POLICY

COLLEGE OF SOCIAL SCIENCES

Director and Rod and Hope Brim Eminent Scholar: David Macpherson (Economics); Mildred and Claude Pepper Eminent Scholar: Quadagno (Sociology); Professors: Barrilleaux (Political Science), Bourgeois (Communication Disorders), Charness (Psychology), Fournier (Economics), Weissert (Political Science); Associate Professor: Reynolds (Sociology); Assistant Professors: Barrett, (Sociology), Bokhari (Economics), Dijkstra (Psychology); Affiliates: Brooks, Brummel-Smith, Cowart, Ebener, Ferris, Hinterlong, Kelley, LaPointe, Licht, D. Lloyd, J. Lloyd, Miles, Ouimet, Panton, Pomidor, Ralston, Rohlinger, Taylor, Thomas, Vinton, Wolfson

The Pepper Institute on Aging and Public Policy has a multidisciplinary focus and plays a coordinating and facilitating role for the work in all academic units with interests in aging and social policy. As an internationally recognized site of multidisciplinary research, the institute reflects many of the strengths of The Florida State University. Through the College of Social Sciences, the Pepper Institute offers a Master’s Degree in Aging Studies. The institute supports a rigorous research program that mirrors the interests of faculty and their contributions to health policy, health care and health financing; retirement, pensions and income inequality; family structure, care-giving and end-of-life issues; social welfare policy and the special concerns of older women and minority group members. The institute also sponsors an exceptional educational outreach program for mature adults, the Academy at FSU. As part of the broader University community, the Pepper Institute seeks to teach each new generation the importance of learning as a life-long activity and the value of service to others. The Pepper Institute offers an undergraduate and graduate Certificate in Aging Studies that can be completed by any student in the university. Application to the program is made to the Pepper Institute on Aging and Public Policy. For more information contact: slampman@mailer.fsu.edu

Requirements for the undergraduate Certificate in Aging Studies include a three (3) semester hour internship (ISS 4944r, Practicum in Aging Studies) enabling students to gain experience in a setting associated with services for the elderly and the completion of an additional nine (9) semester hours of course work in aging from the list of approved courses.

Program in AMERICAN AND FLORIDA STUDIES

COLLEGE OF ARTS AND SCIENCES

Director: John Fenstermaker (English); Advisory Committee: Bearor (Art History), Davis (History), Jamonville (History), Lhamon (English), Moore (English), Wiegand (Information Studies)

American Studies is concerned with the culture of the United States studied from cross-disciplinary interdepartmental perspectives. The aim of the program is toward enlarged dimensions of awareness rather than toward further refinements of disciplinary analysis. A wide variety of courses is available from many departments. The flexibility of the program gives students an opportunity to develop a curriculum commensurate with their own interests and needs.

In addition, students may focus on Florida Studies, that is, on “Florida in the Americas.” The same cross-disciplinary mode of study is utilized to interpret the “Florida experience” in the context of the way(s) Florida has been perceived by Americans, past and present.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Major

Thirty (30) semester hours are required, distributed in a way satisfactory to both the student and the director, not including courses used to satisfy liberal studies requirements. All students are required to take at least nine (9) semester hours in American studies courses, including a special topics course, and at least three (3) semester hours in each of the
areas of study listed below. No more than twelve (12) semester hours in any one area may be counted toward the major. The areas of study are literature, history, fine arts, and social sciences. Any course in the University which deals primarily with the United States may be included under one of these areas. Interested students may obtain from the director a list of courses generally used in the program. In addition, students must complete an approved minor.

**Honors in the Major**

American Studies participates in the honors in the major program to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Minor**

The minor in American and Florida Studies offers an excellent complement to a major in humanities, the social sciences, and fine arts. The minor requires AMS 3310: Changing Concepts of the American Character, and AMS 3810: The Life of the Mind in America, plus six (6) semester hours in history, literature, fine arts, or social sciences that have been approved by the director.

**Combined Bachelor’s/Master’s Degree Program**

American and Florida Studies offers a combined BA/MA program designed for academically strong students who wish to pursue an accelerated program culminating in a Bachelor of Arts degree and a Master of Arts degree. This five-year program allows up to twelve (12) semester hours of coursework to be dually counted toward both the BA and the MA degree.

Before applying to the combined BA/MA program in American and Florida Studies, an undergraduate student should have declared American and Florida Studies as the major, completed at least twelve (12) semester hours of coursework toward the major with a GPA of 3.5 in that coursework, and completed at least sixty (60) semester hours at the Florida State University with a GPA of 3.0. Transfer students must have completed at least two semesters and twenty-four (24) semester hours at Florida State while maintaining a GPA of 3.0 before applying.

Undergraduate students may apply as early as the second semester of their sophomore year. If accepted, they should take the GRE at the end of their junior year and apply to the graduate school during the first semester of their senior year. Students who fail to be admitted into the Graduate School may not continue with the accelerated program. In order to remain in the accelerated program, a student must maintain at least a 3.0 GPA in all course work and at least a 3.2 GPA in courses counting toward the major in American and Florida Studies at or above the 4000 level.

**Definition of Prefix**

AMS—American Studies

**Undergraduate Courses**

Note: AMS 3310, Changing Concepts of the American Character, and AMS 3810, The Life of the Mind in America, fulfill the Liberal Studies Humanities/Literature requirement and are designated by the Undergraduate Policy Committee as requiring 3,000 words of writing.

AMS 3363r. Issues in American Civilization: The University (1–2). (S/U grade only.)

AMS 3310r. Changing Concepts of the American Character (3). A study of American culture and values. May be repeated to a maximum of six (6) semester hours.

AMS 3364. The Liberal Arts Tradition (2). A survey of the origins, values, and rationale for the liberal arts. Students who receive credit for AMS 1363 are ineligible for enrollment.

AMS 3810r. The Life of the Mind in America (3). This course addresses topics in American intellectual history. May be repeated to a maximum of six (6) semester hours.

AMS 3932r. Lecture Series in American Problems (3–6). May be repeated to a maximum of six (6) semester hours.

AMS 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

AMS 4005r. Directed Individual Study (1–3). May be repeated to a maximum of eight (8) semester hours.

AMS 4913r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

AMS 4935r. Senior Seminar (3). May be repeated to a maximum of six (6) semester hours.

AMS 4941r. Internship in an Approved American Studies Field (3–9). (S/U grade only.) Must have completed one full semester of major courses (twelve (12) credit hours or more) before registering for internship. May be repeated to a maximum of nine (9) semester hours.

**Graduate Courses**

AMS 5809r. Seminar in American Culture (3).

AMS 5815r. Seminar in American Thought (3).

AMS 5908r. Directed Individual Study (1–3).

AMS 5915r. Supervised Research (1–3). (S/U grade only.)

AMS 5940r. Supervised Teaching (1–3). (S/U grade only.)

AMS 5942r. Internship in an Approved American Studies Field (3–9). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s examination and defense, consult the Graduate Bulletin.

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**Department of ANTHROPOLOGY**

**College of Arts and Sciences**

Chair: Dean Falk; Professors: Doran, Fink, Grindal, Pohl; Associate Professors: Flinn, Josserand, Marrinan, Peters, C. V. Ward; Assistant Professors: Gravelle, Hellweg, Parkinson, Uzendski, C. A. Ward; Professors Emeriti: Ho, Paredes; Courtesy Professor: Pullen; Adjunct Professor: Harmon

Anthropology investigates humankind in all its diversity. It includes the study of human origins, physical characteristics, adaptations, distributions, customs, artifacts, languages, beliefs, and practices. Anthropologists divide their work among four subdisciplines. Archaeologists study material objects left behind by prehistoric and historic peoples and document stability and change in human behavior over long time periods. Physical (biological) anthropologists study living primates; the fossil record of primates and early humans; comparative anatomy and osteology; contemporary forensic anthropology; medical anthropology; human variation; and the evolutionary and biological bases for cognition and culture in humans. Cultural anthropologists live among and study contemporary peoples, their social institutions, and the creative products of their social lives. Anthropological linguists study the evolution and structure of human language and the relationships between language, culture, and society.

The undergraduate offerings in anthropology include survey courses to give liberal studies students an introduction to human diversity and behavior, and upper division courses for advanced students with specialized interests. The undergraduate major provides a rigorous course of study intended to prepare students for graduate study in any one of the subfields of anthropology. The major also provides a science-based liberal arts education to students wishing to pursue other professional degrees such as law or medicine (with additional coursework) and to those students who may not wish to pursue graduate studies. Students with anthropology majors often develop careers in areas of public policy, cultural resource management, public health, women’s studies, museum studies, and other areas where practical approaches contribute to providing workable solutions to human problems.

The department also participates in the undergraduate programs in Latin American and Caribbean Studies and Middle Eastern Studies, and in the honors in the major program. For detailed information about the anthropology major and the department, please visit http://www.anthro.fsu.edu.

**State of Florida Common Course Prerequisites**

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Two introductory courses for six (6) semester hours in anthropology (ANT prefix). See the department for details.
Requirements for a Major in Anthropology

Please review all college-wide requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. For the bachelor of science (BS) degree in anthropology, the requirements listed below, along with the requirements of the College of Arts and Sciences, must be fulfilled. Of the upper division hours (3000 and 4000-level classes), nine (9) semester hours in the humanities and history are required for the bachelor of arts (BA) degree.

Major

To complete a BA or BS degree with a major in anthropology, a student must take, in addition to other college requirements, thirty (30) semester hours of anthropology courses, including the following: ANT 2410, 2511, 3101, 3610, and fifteen (15) semester hours of work at the 4000 level of which ANT 4034 (History of Anthropology) must be included. No more than three (3) semester hours of credit in fieldwork courses and no hours of directed individual study (DIS) or satisfactory/unsatisfactory (S/U) credits may be used to meet the specific requirement of fifteen (15) semester hours of work at the 4000 level, except upon approval of a petition to the department chair. LIN 4030 and 4040 may be counted as equivalents of courses designated as ANT for purposes of completing the undergraduate major requirement of thirty (30) semester hours in the department, but no more than three (3) semester hours of LIN courses will be counted toward completion of the specific requirement of fifteen (15) semester hours of work at the 4000 level. No anthropology course for which the student receives a grade below “C–” may be counted toward satisfaction of the major requirements.

Minor

The anthropology department requires the completion of a minor of twelve (12) semester hours in a related department or program. Courses in which a student receives a grade below “C–” will not be counted toward the minor.

Honors

The Department of Anthropology offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin, or visit http://www.anthro.fsu.edu.

Requirements for a Minor in Anthropology

Twelve (12) semester hours in anthropology, including either ANT 2410 or ANT 2511, are required. Courses in which a student receives a grade below “C–” will not be counted toward the minor.

Definition of Prefixes

ANG—Anthropology: Graduate

ANT—Anthropology

LIN—Linguistics

Undergraduate Courses

ANT 2100. Introduction to Archaeology (3). This course is an introduction to modern anthropological archaeology. The course introduces students to the inter-disciplinary scientific approaches employed in contemporary archaeological research and provides them with an overview of the origins and evolution of human social and economic systems.

ANT 2100L. Introduction to Archaeology Laboratory (1). Corequisite: ANT 2100. The course is conducted as a hands-on laboratory in archaeological methodology. Each week, students have a series of laboratory exercises designed to teach specific analytical techniques, including paleoecological analysis, paleobotanical analysis, geophysical prospecting techniques and GIS.

ANT 2138. World’s Greatest Shipwrecks (3). This course provides an introduction to the field of nautical archaeology through the excavation and exploration of ships and boats from 5000 years ago in ancient Egypt to the U.S.S. Yorktown of World War II. From Titanic to treasure ships, this global survey explores economy, technology, and society.

ANT 2410. Introduction to Cultural Anthropology (3). Origin and development of human lifeways with emphasis on non-Western societies. A comparative perspective is used to examine the technology, language, social organization, religion, and values. Attention is also given to contemporary world problems.

ANT 2416. Childhood Around the World (3). This course examines the variety of ways childhood is experienced in other cultures, allowing students without a background in anthropology to develop a greater appreciation for the nature of childhood and the pivotal role this stage plays in maintaining cultural continuity and influencing cultural evolution.

ANT 2511. Introduction to Physical Anthropology and Prehistory (3). This course introduces theory and principles of genetically based evolution. It reviews fossil evidence for human evolution and competing ideas about the specific pathways to modern humans. It emphasizes the genetic unity of humankind and the universal features that underlie individual and cultural diversity.

ANT 2511L. Introduction to Physical Anthropology and Prehistory Laboratory (1). Corequisite: ANT 2511. This laboratory provides students an opportunity to observe, handle, and measure modern human and fossil skeletons. Weekly exercises strengthen students’ understanding of the scientific procedures used to interpret the nature and causes of human evolution.

ANT 3101. Fundamentals of Archaeology (3). This fundamentals course provides an overview of objectives, field strategies, basics of laboratory analysis, interpretative approaches to the record and what the threats to archaeological/cultural resources are. This includes a brief overview of the history of archaeology and the changes in strategies used in the prehistoric and historic periods. This course is focused upon developing an understanding of the fundamental objectives and methodologies used in modern anthropological archaeology.

ANT 3141. World Prehistory (3). This course outlines the major events in human cultural and social evolution and includes a brief presentation of general archaeological methods and objectives. The course focuses on the evolution of civilization in the Middle East, Europe, China, Africa, and the Americas.

ANT 3212. Peoples of the World (3). A survey of the world’s known cultures by major geographic regions. The purpose is to familiarize the student with the range and variety of the human condition and at the same time instill in the student a respect and admiration for mankind. Lectures, readings, and visual materials are utilized.

ANT 3385. Race: Biology and Culture (3). This course investigates the concept of race by examining the biological, cultural, and historic development of racial thinking in the twentieth century. It involves the analysis of human biological variation and critically examines how these patterns compare to conventional ideas about race. The course content places American racial worldview in the context of global perspectives on the human condition and at the same time instill in the student a respect and admiration for mankind. Lectures, readings, and visual materials are utilized.

ANT 3610. Language and Culture (3). An introduction to and examination of human language, its relation to perception and cognition, and its role in social interaction. This will include verbal as well as nonverbal communication modes, their variety and complexity, the development of language, and linguistic universals.

ANT 3740. Introduction to Forensic Anthropology (3). Prerequisite: ANT 2511. This course is an introduction to forensic anthropology as a scientific discipline within the field of anthropology, examining what happens to a body immediately after death, the process of decomposition and taphonomic changes. The course also examines what is required of a forensic investigator of such a body from search to documentation, collection, processing and lab analysis.

ANT 4034. History of Anthropology (3). This is a survey course for majors which reviews the history and development of anthropology as a science. The approach is critical and objective, the presentation is chronological, and the emphasis is to evaluate the scope and limitations of modern theories.

ANT 4082. Technology and Social Change (3). This course introduces students to anthropological approaches to the study of technology. The goal is to explore the systemic relationship between technological developments and economics, politics, and social structure both in the past and present.

ANT 4122. Wetlands Archaeology (3). This course provides an introduction to wet site archaeology, incorporating an overview of wet sites, their geographic distribution, methods of excavation, conservation requirements, and the field’s contribution to our understanding of the past.

ANT 4125. Paleonutrition (3). Methods in reconstruction of past economic behavior/diet. Includes lab work in identification/analysis of faunal remains.

ANT 4133. Introduction to Underwater Archaeology (3). A survey of the history, theory, methods, and problems of underwater archaeology, with attention given to the types of investigations and environments in which underwater archaeology is conducted and to the field’s particular contributions to anthropology.

ANT 4134. Nautical Archaeology of the Americas (3). Students will study human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft built or used in the Americas.

ANT 4135. Nautical Archaeology: Global View (3). In this course, students will study human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft from Asia, Australia, the Mediterranean and Europe.

ANT 4142. European Prehistory (3). This course introduces students to the archaeology of the European continent from its initial colonization by early hominids during the Lower Paleolithic period through the Neolithic Age and the Bronze Age.

ANT 4145. Origins of Complex Society (3). This course examines the evolution of ancient complex societies and theories of state origins using a comparative method involving ecological, economic, and social approaches to investigate the origins, collapse and sustainability of complex societies.

ANT 4153. North American Archaeology (3). This course examines the prehistory of North America from the earliest big-game hunters who exploited extinct megafauna to the societies existing at the time of historic contact. Regional variation and continuity in subsistence and cultural patterns and material culture evolution are emphasized.

ANT 4163. Mesoamerican Archaeology (3). Investigates the development of high civilization in ancient Mesoamerica. Evidence is drawn from archaeology, art, architecture, ethnohistory, and linguistics, among other sources.

ANT 4166r. Regional Civilizations in Ancient Mesoamerica (3). Each topic focuses on a regional civilization of ancient Mesoamerica (such as Maya, Olmec, or Mixtec). Aspects of prehistoric society covered include subsistence systems, trade, social and political organization, ideology, catastrophic events, and history. The focus is on major civilizations of the region.
This course focuses on [ANT 4167]. Maya Hieroglyphic Writing (3). This course presents the principles of Classic Maya hieroglyphic writing, its history, and methods of its decipherment. Classic Maya mathematics are also introduced, as are calendrics and astronomy, Maya grammar and text structure, and a survey of major decipherments. Students will study texts selected from specific periods of social processes which may also be reflected in the archaeological record, leading to the possibility of discovering and interpreting correlations between these two (and other) lines of evidence.

ANT 4175. Archaeology of the Islamic World (3). This course examines the traditions and culture of Islamic peoples as reflected in the archaeological record. Issues related to the impact of religion on daily life, nationalism, and the development of archaeology in the Middle East are considered.

ANT 4227r. Topics in PreColumbian Art and Iconography (3). This course focuses on major PreColumbian art traditions, as evidenced in the material culture. Attention is paid to cosmology and the social and cultural context of art in each society. Topics include classic Maya art and iconography; Mixtec codices; Central Mexican art and iconography. May be repeated, when topics vary, to a maximum of nine (9) semester hours.

ANT 4241. Anthropology of Religion (3). The cultural conceptions of supernatural reality, with a focus on the processes of reconciling understanding of myth and ritual, the religious experience, and religious evolution and revitalization movements.

ANT 4242. Symbol and Ritual (3). This course is an introduction to symbolic approaches in anthropology and the study of ritual. It critically analyzes conceptual mechanisms that anthropologists use in analyzing symbolic activity. Material comes from various parts of the world.

ANT 4269. Economic and Ecological Approaches in Anthropology (3). Seminar on current literature and theories in ecological and economic anthropology, including debate between cultural ecologists and structural Marxists, between archaeology and related disciplines (landscape geography, social anthropology). Selected topics related to consumption, commodities, exchange, and gender.

ANT 4274. Political Anthropology (3). Examines political behavior and symbolism from a cross-cultural perspective. May include political theory, political process, conflict and conflict resolution, gender politics, evolution of political forms, and human rights.

ANT 4277. Human Conflict: Theory and Resolution (3). This course provides an introduction to the nature of human conflict from intercultural perspectives of biological and cultural anthropology, psychology, political economy, and the history of warfare. Particular emphasis is placed upon cross-cultural applications.

ANT 4302. Sex Roles in Cross-Cultural Perspective (3). Sex roles in anthropological perspective with emphasis on data from archaeology and ethnology. Special emphasis on the interpretation of sex roles by anthropologists in the field.

ANT 4309. Conquest of the Americas (3). This course examines the conquest of the Americas. It explores the arts of domination, power, and resistance and specific historical encounters where such arts are employed.

ANT 4323. Peoples and Cultures of Mexico and Central America (3). Provides an overview of Mexico and Central America and the multiplicity of cultural and linguistic groups within the developing modern nations from an anthropological viewpoint. Discusses cultural values and the process of modern secularization with traditional peasant and indigenous ethnic groups, as well as institutions such as kinship and the family, technology, work, and ecological adaptations; social organization, political integration, religion, and ceremonial life.

ANT 4337. Peoples and Cultures of Amazonia (3). This course explores problems of similarity, difference, diversity and nature/culture with Amazonia. It addresses the conceptual problem of where one culture ends and another begins with regard to Amazonian peoples. Topics include regional networks of trade, similar knowledge systems, shamanism, rainforest ecosystems and social organization.

ANT 4352. Peoples and Cultures of Africa (3). A survey of African peoples and cultures, emphasizing the sub-Saharan region. Topics to be studied include geography, prehistory, history, religion, political economy, kinship, gender, and marriage. Contemporary issues in the anthropology of Africa.

ANT 4363. Japanese Society and Culture (3). This course is intended to be an anthropological introduction to Japan. It aims to clarify the origins of Japanese culture and people, to interpret its cultural history from the earliest times to the present, and to account for the relationship among the components of culture such as ideology, social structure, personality formation, and economic development.

ANT 4422. Kinship and Social Organization (3). This course surveys anthropological thought and practice (theory and methods) with respect to kinship and related forms of social organization, including the classification and analysis of kinship systems and associated terminology, patterns of marriage and residence, descent theory and alliance theory, and the role of kinship in different social systems.

ANT 4465. Introduction to Medical Anthropology (3). This course is an investigation of different medical systems and their practitioners, the ecology of health, illness, human adaptation, nutrition, and the life cycle.

ANT 4525. Human Osteology (3). Prerequisite: ANT 2511 or permission of the instructor. This course is designed to acquaint the student with each of the bones of the normal adult human skeleton. It is particularly appropriate for students interested in biological and physical anthropology. Each bone is examined, followed by a review of abnormal variations. The uses of anthropomeric instruments are demonstrated as are the methods of estimating age, sex, and racial origin.

ANT 4529. Primate Behavior (3). Prerequisite: ANT 2511 or permission of the instructor. Introduces the substantial scholarly literature on the behavior and ecology of free-ranging prosimians, monkeys and apes. Anthropological applications of recent findings will be emphasized.

ANT 4533. The Great Apes (3). Prerequisite: ANT 2511 or permission of the instructor. Focuses on the behavior and ecology of the large-bodied, non-human hominoids: chimpanzees, bonobos, gorillas and orangutans. Introduces the complexities involved in using this evidence for conclusions about human evolution.

ANT 4563. The Anthropology of Infancy (3). Prerequisite: ANT 2511 or permission of the instructor. An overview of human nature during this early phase of the life cycle. Uses data and theory from biological anthropology, primate ethology, evolutionary psychology and sociocultural anthropology to provide a nontraditional perspective on human development and its interface with the caretaking behavior of adults.

ANT 4586. Human Evolution (3). This course emphasizes a close examination of the fossil record for human evolution. It builds on basic principles and ideas presented in ANT 2511.

ANT 4611. Linguistic Prehistory (3). This course introduces underlying concepts and methodology of cross-disciplinary studies that use linguistic data in the investigation of prehistory. Selected case studies convey some of the results of such research. The development of language and its interface with the caretaking behavior of adults. May be repeated, when topics vary, to a maximum of nine (9) semester hours.

ANT 4824r. Directed Independent Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

ANT 4914. Honors Work (1–3). May be repeated to a maximum of nine (9) semester hours.

ANT 4930r. Special Topics in Anthropology (1–3). Specialized subjects and topics in anthropology. Topics vary. May be repeated to a maximum of nine (9) semester hours when topics vary. May be repeated in the same semester.

LIN 4030. Introduction to Historical Linguistics (3).

LIN 4040. Introduction to Descriptive Linguistics (3).

Graduate Courses

ANG 5001. Prosenminar (1). (S/U grade only.)

ANG 5091. Seminar in Research Methods (3).

ANG 5115. Seminar in Archaeological Method and Theory (3).

ANG 5116. Regional Analysis in Archaeology (3).

ANG 5117. Core Seminar in Archaeology (3).

ANG 5124. Archaeobotany (3).

ANG 5129. Wetlands Archaeology (3).

ANG 5134. Nautical Archaeology of the Americas (3).

ANG 5136. Ship Construction: Dugouts to Steamboats (3).

ANG 5137. Nautical Archaeology: Global View (3).

ANG 5138. Ship Research and Reconstruction (3).

ANG 5142. European Prehistory (3).

ANG 5145. Origins of Complex Society (3).

ANG 5155. Archaeology of the Southeastern United States (3).

ANG 5169r. Regional Civilizations in Ancient Mesoamerica (3).

ANG 5172. Historic Archaeology (3).

ANG 5182. Techniques of Archaeological Conservation (3).

ANG 5193r. Seminar in Archaeology (3).

ANG 5194r. Analysis and Interpretation of Archaeological Research (3).

ANG 5201. Public Anthropology (3).

ANG 5240. Anthropology of Religion (3).

ANG 5242. Symbol and Ritual (3).

ANG 5246. Contemporary Folk Religion (3).

ANG 5269. Economic Anthropology (3).

ANG 5275. Human Conflict: Theory and Resolution (3).

ANG 5309. Conquest of the Americas (3).

ANG 5337. Peoples and Cultures of Amazonia (3).

ANG 5471. Technology and Social Change (3).

ANG 5532. Peoples and Cultures of Africa (3).

ANG 5568. Kinship and Social Organization (3).

ANG 5478. Cultural Evolution (3).

ANG 5491r. Seminar in Social Anthropology (3).

ANG 5493. Core Seminar in Culture Anthropology (3).

ANG 5511r. Seminar in Physical Anthropology (3).

ANG 5513. Core Seminar in Physical Anthropology (3).

ANG 5580. Biocultural Adaptation and Paleodemography (3).

ANG 5611. Linguistic Prehistory (3).

ANG 5581. Method and Theory in Human Biology (3).

ANG 5675. Core Seminar in Linguistic Anthropology (3).

ANG 5677r. Seminar in Linguistic Anthropology (3).

ANG 5737. Medical Anthropology (3).

ANG 5824r. Anthropological Fieldwork: Archaeology (1–9).
6. ARH X051;
3. ART X300;

Studio/Fine Art

necessary for this degree program:
completed in the freshman and sophomore years.

tion program. It is preferred that these common course prerequisites be
may be taken either at a community college or in a university lower-divi

ments. Information on each program beyond that explained in this
entry requirements, a certain sequence of courses, and graduation require

dvelopement, students may choose to work in a variety of media or to
photography, electronic imaging, and video. Depending upon personal
may include design, drawing, painting, sculpture, printmaking, ceramics,

Course selection encompasses history, theory, and practice. Major studies
(Prerequisites for all art classes and entering core)

Required Pre-Core Courses

Although optional, students are encouraged to include two to four of
the following six courses: ARH X050, ARH X051, ART X301, ART X302,
GRA XXXX (Computer Graphics), or GRA XXXX (Graphic Design).

Undergraduate Programs

The Core Program

The Department of Art requires that students receive a sound
foundation in basic visualization and conceptualization skills and in the
fundamentals of studio theory and practice. To this end, students must
complete a pre-core program and core program before taking other art
courses. Each program consists of a sequence of basic drawing, design,
art theory, and imaging courses. Students are encouraged to complete
their core-level courses, particularly in drawing and design by the end
of the sophomore year.

Note: Students are required to complete State of Florida Common Course
Prerequisites as listed above.

Required Core Courses

(Foundation for all art majors)

After the pre-core courses, the following list of classes must be taken
as prerequisites for all other art courses to complete the required core
program. They may be taken in any order.

ART 2203C. Three-Dimensional Design (3).
ART 2301C. Drawing II (3).
ART 2330C. Drawing and Painting the Human Form (3).
PGY 2941C. Digital and Photographic Imaging (3).

Twelve (12) total semester hours.

Note: Prior to the last two years of study, all students applying to the
BFA program in Graphic Design must take GRA 2190, Graphic Design
I, concurrent with ART 4926C, Media Workshop: Electronic Imaging.
The Bachelor of Arts Degree

The bachelor of arts (BA) degree is a fundamental liberal arts program totaling one hundred and six (106) semester hours. Requirements are as follows: liberal studies, thirty-six (36) semester hours; completion of the core program (including pre-core), nineteen (19) semester hours; art history, nine (9) semester hours; additional studio, twenty-one (21) semester hours; a modern language through the 2000-level (twelve [12] semester hours suggested); additional humanities, nine (9) semester hours.

Concentrations for the BA Degree

After completing the core, students majoring in Studio Art for the BA degree would take courses selected from the studio art media concentration course lists. Students who complete a minimum of twelve (12) semester hours (or eighteen [18] semester hours in graphic design) with a concentration in a media area, would have that area listed as their media concentration on their record by the Department of Art. For example, a degree under this system might be—BA in Studio Art: Concentration in Painting. Art majors who do not complete a concentration may choose an interdisciplinary concentration with permission from the department chair. Students should consult the Department of Art for specific information concerning the various concentrations.

The Bachelor of Fine Arts Degree in Studio Art

The bachelor of fine arts (BFA) limited access program is a one hundred-eighteen (118) semester-hour program with the most intensive work occurring in the final five semesters. It differs from the BA degree in that it provides the graduate with a more intensive background in professional skills and theoretical knowledge. The BFA degree seeks to develop in graduates an informed personal vision, a high level of competence in artmaking, and the ability to make sound artistic decisions. It is a proficiency-based program, characterized by continuous assessment. Upon completion of the nineteen (19) semester hours in the core program (including pre-core), application for the BFA degree is by portfolio review of the faculty. The process includes an individual review of the student’s portfolio by two faculty members. The faculty may recommend the work be submitted to the entire faculty for consideration. Course work includes thirty-six (36) semester hours of liberal studies, fifty-one (51) semester hours of studio art courses and twelve (12) semester hours of art history. An important aspect of the program is that students are taught to make their own decisions with regard to media selection or concentration. Students enrolled in the BFA program are exempt from the language requirement, but they are required to maintain the 3.0 grade point average (GPA) in art and art history courses and to fulfill the additional requirements and responsibilities of this program, culminating in the advancement review and graduation show. The BFA adviser can provide additional guidance with regard to entrance and degree requirements. Studio space is provided in the BFA warehouse.

The Bachelor of Fine Arts Degree in Graphic Design

The bachelor of fine arts (BFA) in graphic design is a limited access program for currently enrolled students at The Florida State University that requires one hundred eighteen (118) semester hours of coursework, with the most intensive work occurring during the final five semesters. It provides the graduate with a more intensive background in professional skills and theoretical knowledge in design and electronic media. Application is made when the student is at or near the end of the core course sequence and has completed GRA 2190C and ART 4926C. The process includes an individual review of the student’s portfolio by two faculty members, who may recommend that the work be submitted to the entire faculty for consideration. Studio space is provided in the Design Shop in the Fine Arts Building, room 303.

Course work includes thirty-six (36) semester hours of liberal studies; thirty-one (31) semester hours in the core program (including GRA 2190 and ART 4926C; twelve (12) semester hours in art history; fifteen (15) semester hours in graphic design/electronic media; and thirty (30) semester hours in additional studio courses in graphic design, electronic media or related studio art subjects. Students accepted into the BFA program in graphic design may choose courses from other areas in art, such as photography, printmaking, or sculpture, to complete their major; however, to receive the BFA in graphic design, they must have a minimum of eighteen (18) semester hours in the design concentration including GRA 3107, Design History and Theory, and GRA 4108, Contemporary Design Seminar. The following additional courses may be taken to satisfy the design concentration requirements:

- GRA 2190C Graphic Design I (3) (prerequisite).
- GRA 3107 Design History and Theory (3).
- GRA 3112C Graphic Design II - Typography (3).
- GRA 4108 Contemporary Design Seminar (3).
- ART 4295C Advanced Workshop - Design Issues (3).
- ART 4926C Media Workshop - Electronic Imaging (3) (prerequisite).
- ART 4926C Media Workshop - Introduction to Web Design (3).
- ART 4928C Advanced Workshop - Design Seminar (3).

Graduate Program

The Master of Fine Arts Degree

The master of fine arts (MFA) in studio art is a two- or three-year residency program with a minimum requirement of sixty (60) semester hours at the graduate level. In addition to University admission requirements, the department requires that all applicants submit a portfolio of slides or original work for review. The program includes a minimum of thirty-two (32) semester hours in studio art, eleven (11) semester hours of electives within or outside the department, a minimum of three courses (nine [9] semester hours) in art history at the graduate level, and a minimum of eight (8) semester hours toward preparation of the graduate exhibition and thesis.

For information regarding the MFA degree, please contact the academic adviser, Department of Art, and refer to the Graduate Bulletin.

Student Safety

Students in each course will be instructed in safe practice with both tools and materials, and will be responsible for following safety regulations.

Definition of Prefixes

- ARH—Art History
- ART—Art
- DIG—Digital Media
- GRA—Graphic Arts
- PGY—Photography

Undergraduate Courses

Correlating Courses

- ART 1300C. Drawing I (for Non-Art Majors) (3). (See description under Studio Courses below.)
- ART 2003C. Survey of Studio Art Practices (3). Demonstration, discussions, and slide/film presentations to explore the way artists work in a broad range of media. Emphasis on visual perception and basic art making.
- ART 3949r. Cooperative Education Work Experience (0). (S/U grade only.) Internships in a variety of work situations are available. These internships are selected by the faculty to broaden the students’ skills and flexibility as artists.
- PGY 2100C. Photography for Non-Art Majors (3). An introduction to camera operation and image making, with discussion of contemporary and historical work. Emphasis on 35mm slide projects rather than printing techniques.

Studio Courses

- ART 1201C. Basic Two-Dimensional Design (3). This course is for the beginning student who wishes to learn, through participation, the basic elements of two-dimensional design and how they can be used to communicate nonverbally with emphasis on aesthetic content.
- ART 1300C. Drawing I (3). Creative expression through a variety of drawing media. Emphasis is on black and white techniques and pencil, ink, and soft drawing media.
- ART 2007C. Artists Tools and Equipment (1). (S/U grade only.) This course is an introduction to safety practices, tools, materials, and processes used in making art. Completion or exemption of the course is required for admission to other classes and toolroom facilities.
- ART 2103C. Beginning Fiber/Fabric Design (3). Prerequisites: ART 1201C, 1300C. This is an introductory survey of fabric design. Traditional and contemporary applications of fabric techniques, resist dyeing, and basic weaving are explored.
- ART 2033C. Three-Dimensional Design (3). Prerequisites: ART 1201C, 1300C, 2003C, 2006C. This course provides experience in designing and shaping expressive three-dimensional forms that are art objects with height, width, and depth.
- ART 2301C. Drawing II (3). Prerequisites: ART 1300C, 1201C. This course builds on the technical and conceptual skills learned in Drawing I. Artistic expression and communication through drawing in both black and white and color media.
- ART 2330C. Drawing and Painting the Human Form (3). Prerequisites: ART 1300C, 2301C. This course is an introduction to drawing techniques and water-based painting focusing on...
the human figure, both clothed and unclothed. May be repeated to a maximum of nine (9) semester hours.

ART 2400C. Fundamentals of Printing: Relief (3). Prerequisites: ART 2101C, 1300C. An introduction to relief printing in wood block, linoleum block, and collagraph.

ART 2430C. Fundamentals of Printing: Silk-screen (3). Prerequisites: ART 2101C, 1300C. An introduction to the basic techniques of serigraphy.

ART 2701C. Sculpture I (3). Prerequisites: ART 1201C, 1300C. An introduction to transparent watercolor through lectures and visual aids which demonstrate its possibilities.

ART 2701C. Sculpture I (3). Prerequisites: ART 1201C, 1300C. Introduction to basic sculptural processes of fabrication, carving, modeling, and casting. Emphasis on developing ideas through analytical responses to assignments.

ART 2752Cr. Wheel Throwing (3). This is a first course in which the student learns to throw on the potter’s wheel. From the basic cylinder, the student learns to form a pitcher, covered jar, and other functional shapes. Some alteration of thrown forms is also covered. Experience with clay and glazing is helpful but not required. This course may be repeated to a maximum of nine (9) semester hours.

ART 2893C. Contemporary Art Seminar I (1). (S/U grade only.) This is a lecture and discussion course conducted by studio faculty. It provides students with insight into the current work by resident faculty and visiting artists. May be repeated to a maximum of three (3) semester hours.

ART 3200C. Fundamentals of Printing: Lithography (3). Prerequisites: ART 1201C, 1300C. An introduction to the basic lithographic techniques of gravure, drawing, etching, and printing.


ART 3420C. Fundamentals of Printmaking: Relief (3). Prerequisites: ART 2230C, 3232C, 3233C. Intensive studies in intermediate graphic design dealing with typography.

ART 3542C. Watercolor (3). Prerequisites: ART 1201C, 1300C. An introduction to transparent watercolor through lectures and visual aids which demonstrate its possibilities.

ART 3710C. Sculpture II (3). Prerequisites: ART 2701C. Allows continued experience in more complex three-dimensional techniques; emphasis on individual projects and conceptual approach.

ART 3764C. Beginning Ceramics (3). Prerequisites: ART 1201C, 1300C. Handbuilding processes and fundamental glazing techniques. Emphasis is on the development of a high degree of technical proficiency and a keen sense of form in ceramic mediums.

ART 3930C. Special Topics in Art I–3. (S/U grade only.) Faculty develops topics of interest to students and needs. May be repeated to a maximum of three (3) semester hours.

ART 4000. Criticism Seminar (1). Aspects of contemporary art scene, galleries, and markets. Stress on developing portfolio/ resume, critical attitude, and skills necessary for presenting work.

ART 4005C. Directed Individual Study I–3. May be repeated to a maximum of nine (9) semester hours.

ART 4943C. Internship in Creative Art I–12. (S/U grade only.) Prerequisites: Core program, “B” average in all related courses. Preference given to seniors. Internships in a variety of work situations. Must be approved by department chair. May be repeated to a maximum of twelve (12) semester hours.

ART 4981. Honors Work (3). May be repeated to a maximum of twelve (12) semester hours.

ART 2490C. Graphic Design I/Lithography (3). Prerequisites: ART 1201C, 1300C, 2301C. Corequisite: ART 4926C. A continuation of the basic concepts introduced in methods and concepts I and II as they apply to graphic design. Iconography, signs and symbols, and two-dimensional and three-dimensional compositions will be used as exploratory design problems. The problems extend the methodology and conceptualizing/problem-solving skills of design.

GRA 2010C. Graphic Design II/Typography (3). Prerequisites: ART 2190C, PGY 2401C. This course introduces students to typography and how type works as pure design creating form, value, direction, etc., as letter forms or marks, as well as on a communication level as a message carrier.

GRA 3112C. Graphic Design III/Production (3). Prerequisite: GRA 2190C. Prerequisite or Corequisite: GRA 3112C. Exploration of the design process through solving specific design problems in tradition print, digital, and web media. The project takes students from conceptualizing explorations to concept refinement to final implementation.

GRA 4108. Contemporary Design Seminar I (3). Prerequisite: admission to BFA program. This course is intended to develop knowledge of the historical and social forces that have shaped and continue to shape design in contemporary culture.

PGY 2110C. Color Photography (3). Prerequisites: PGY 2401C and 3410C. Introduction to skills and understanding necessary to develop and print color materials. Emphasis is on critical and historical frameworks.

PGY 2410C. Photography I (3). Prerequisite: ART 1201C or ART 2010C. Photography as a creative means of expression. 35mm technology, fine black and white printing.

PGY 2411C. Digital and Photographic Imaging (3). Prerequisite: ART 2100C, 1300C, 2003C, 2006C, 2301C, 2303C. Corequisites: GRA 2190C. This course examines the historical and contemporary development of design styles and techniques and their influence on contemporary culture.

PGY 3410C. Photography II (3). Prerequisite: PGY 2401C. Photography as a fine art. Students develop a series of portfolios of images based on their personal vision and understanding of the medium.

Media Workshops

Note: The media workshops allow students to pursue intensive technical studies in one specific medium under the appropriate instructor. Workshops are divided into six basic areas, each of which serves as an extension of intermediate course material in a specific area of media. Each may be repeated for a maximum of nine (9) semester hours.

ART 4920C. Media Workshop: Fibers (3). Prerequisite: ART 2701C or instructor permission. Includes three-dimensional and mixed media approaches to the use of soft materials in art making. May be repeated to a maximum of nine (9) semester hours.

ART 4921C. Media Workshop: Painting (3). Prerequisite: ART 2510C. Independent studies under painting instructors; emphasis on competence in medium and development of individual solutions to problems. May be repeated to a maximum of nine (9) semester hours.

ART 4922C. Media Workshop: Sculpture (3). Prerequisites: ART 2701C. clay sculpture workshop requires ART 3110C. Intensive studies under sculpture instructors; stresses competence in following areas: casting in nonferrous metals, steel fabrication techniques, woodworking, and landscape sculpture planning and production, and clay sculpture workshops. May be repeated to a maximum of nine (9) semester hours.

ART 4925C. Media Workshop: Printmaking (3). Prerequisites: Appropriate courses in fundamentals of printmaking series; photo-silkscreen and photo-lithography workshops require PGY 2401C. Advanced techniques of silk-screen, relief printing, etching, and lithography, as well as photo-silkscreen, relief printing, and papermaking, depending on appropriate instructor. May be repeated to a maximum of nine (9) semester hours.

ART 4926C. Media Workshop: Design Production and Image (3). Prerequisites: ART 2230C, 3232C, 3233C. Intensive studies in intermediate graphic design dealing with typography.

ART 4927C. Media Workshop: Electronic Imaging (3). Corequisite: GRA 2190C. Electronic imaging, video, computer graphics, animation. May be repeated to a maximum of nine (9) semester hours.

ART 4927C. Media Workshop: Metals (3). Prerequisite: ART 2701C. Includes sculptural methods and metal forming in a more expansive and versatile approach. May be repeated to a maximum of nine (9) semester hours.

Advanced Workshops

Note: The advanced workshops continue the intensive level of study of the media workshops while providing students with more flexibility. Under this workshop system, a student may work with any instructor, regardless of media affiliation, in any area of study. Instructors are designated by section number. Each course may be repeated to a maximum of twenty-seven (27) semester hours.

ART 4928C. Advanced Workshop (3). This is a tutorial course available only to BFA and BS students. May be repeated to a maximum twenty-seven (27) semester hours.

ART 4928C. Advanced Workshop: Painting (3). May be repeated to a maximum twenty-seven (27) semester hours.

ART 4928C. Advanced Workshop: Sculpture (3).

ART 4928C. Advanced Workshop: Printmaking (3).

ART 4928C. Advanced Workshop: Graphic Design (3).

ART 4928C. Advanced Workshop: Design Production and Image (3).

ART 4928C. Advanced Workshop: Electronic Imaging (3).

ART 4928C. Advanced Workshop: Experimental Web Design (3).

ART 4928C. Advanced Workshop: Ceramics (3).

ART 4928C. Advanced Workshop: BFA All Media (3).

ART 4930C. Advanced Workshop (3). This is a tutorial course available only to BFA and BS students. May be repeated to a maximum twenty-seven (27) semester hours.

ART 4929C. Advanced Workshop: Painting (3).

ART 4929C. Advanced Workshop: Sculpture (3).

ART 4929C. Advanced Workshop: Printmaking (3).

ART 4929C. Advanced Workshop: Graphic Design (3).

ART 4929C. Advanced Workshop: Design Production and Image (3).

ART 4929C. Advanced Workshop: Electronic Imaging (3).

ART 4929C. Advanced Workshop: Digital Cinema (3).

ART 4929C. Advanced Workshop: Advanced Web Design (3).

ART 4929C. Advanced Workshop: 3-D Animation (3).

ART 4929C. Advanced Workshop: Ceramics (3).

ART 4930C. Advanced Workshop (3). This is a tutorial course available only to BFA and BS students. May be repeated to a maximum twenty-seven (27) semester hours.

ART 4931. Instruction in Advanced Technical Problems (3–6). May be repeated to a maximum of six (6) semester hours.
Art Related Courses

Note: The following University courses are designated art related and are accepted toward the BFA degree with written approval from the director of the BFA program. Other courses may be accepted with written permission from the director of the BFA program and the chair of the department. Course descriptions can be found under the individual departments in which the courses are taught.

ADV 3000. Principles of Advertising (3).
ADV 3001. Creative Strategy (3).
ENG 3110. Film Genres (3).
FIL 3503. The Contemporary Cinema (3).
HUM 3321. Multicultural Dimensions of Film and 20th-Century Culture (3).
MMC 2000. Introduction to Mass Media (3).
PHI 3800. Philosophy of the Arts (3).

RTV 3201. Media Techniques (3).
RTV 3220. Television Production (3).

Graduate Courses

ART 5810r. Seminar in Studio Problems (4).
ART 5907r. Directed Individual Study (1–4). (SU grade only.)
ART 5934r. Contemporary Art Seminar (1). (SU grade only.)

Graduate Workshops

ART 5927Cr. Graduate Workshop (1–4).
ART 5928Cr. Graduate Workshop (1–6).
ART 5929Cr. Graduate Workshop (4).
ART 5937r. Graduate Instruction in Advanced Technical Problems (4–8).
ART 5940r. Supervised Teaching (1–3). (SU grade only.)
ART 5972r. Graduate Show and Thesis (1–8). (SU grade only.)

Department of
ART EDUCATION

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: Marcia L. Rosal; Professors: Anderson, Dorn, McRorie, Rosal; Associate Professor: Villeneuve; Assistant Professors: Davenport, Gussak, Orr

The primary mission of the undergraduate program is to prepare certified art teachers for public and private school service. A pre–art therapy option is offered in conjunction with certification. Students have the opportunity to participate in the University’s Florence, London, or other international programs as part of their course of studies. Extensive in-school observation and participation are required.

The undergraduate certification program is based on the theoretical position of comprehensive art education. This means that the program stems from the content and inquiry structures of mature practicing professionals in studio art, art history, art criticism, and aesthetics, and is adapted to developmental stages, cognitive styles, and special and individual needs of students.

The principle thrust of the program is to deepen the visual and cultural literacy of future art teachers and expand the fundamental base of art knowledge from which art teachers teach. This knowledge is taught in a variety of ways using the disciplines of art and sound educational principles in order to prepare the art education student to teach effectively in public and private school settings and in community arts programs.

Art education courses are offered once per year and are sequenced over a two-year period. Students are required to maintain a portfolio of teaching materials as designated in their coursework and are expected to go through a first-year and final review.

The Department of Art Education offers programs leading to the bachelor of science (BS), bachelor of arts (BA), master of arts (MS), and master of arts (MA) degrees with certification. For graduate programs, refer to the Graduate Bulletin.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. EDF X005;
2. EDG X701;
3. EME X040*;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics, (MGF, MTG, MAC and STA prefixes only) excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   d. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.
5. Plus the following general program prerequisites:
   a. ART X300;
   b. ART X201;
   c. ART X301 or ARH X001;
   d. ART X202 or ART X201;
   e. ARH X050;
   f. ARH X051;
   g. Two 2000-level studio art I courses (six [6] semester hours) with the ART prefix;
   h. One of the following courses: ART X510, ART X400, ART X4XX, ART X1XX, ART X110, ART X470.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social sciences requirements.

In addition to EDG 2701, the student must take six (6) additional hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a Major in Art Education

Students should consult with a departmental adviser to determine teacher certification requirements and changes in art education requirements.

Admission to the four-year program in art education and to student teaching leading to the baccalaureate degree requires a 2.5 overall grade point average (GPA) and a 3.0 in art courses. Twenty-one (21) semester hours in art and/or art history must be completed before entering the core art education program. Also, the student must take and pass the CLAST exam prior to entering the core program in art education. Each student must also be admitted to the teacher education program in the College of
Education by the end of the first semester of the art education core. A GPA of 3.0 in courses in the upper-level program is a prerequisite for student teaching (ARE 4940). All professional education course work must also be completed prior to student teaching.

The core program in teacher certification includes coursework in: theory and practice I and II; human development and learning in art; assessment in art education; classroom management, ethics and school law; portfolio; art with special populations; and student teaching. In addition, students must take both a specified reading course and a specified ESOL course in the College of Education. Computer literacy is a state requirement for teaching, which may be satisfied by taking a computer graphics course in the department. Additional courses in women's studies, museum education, and special topics courses may be offered to fulfill program requirements. Admission to art education is in the junior year. The degree most commonly awarded is the bachelor of science (BS) with certification in art, grades K–12, although a bachelor of arts (BA) may be earned with the addition of a foreign language. The pre–art therapy option requires psychology course work beyond that described above. The required (12) semester hours may be chosen from courses determined in consultation with an adviser. Students in the pre–art therapy track are placed in schools with special needs students for student teaching. No minor is offered in art education.

**Arts and Community Practice Certificate Program**

The certificate program in the arts and community practice is designed for undergraduate and graduate students who wish to develop a focused concentration on the application of the arts to community development. This is inclusive of groups and families, and addresses all stages of human development. Particular attention will be given to prevention, enrichment, and response to social concerns.

Program requirements are based on the integration of the theoretical and practical aspects of dance, art education/therapy, and community-based generalist/social clinical work. Requirements include coursework in art education/therapy, dance, and social work totaling at least twelve (12) semester hours with at least three (3) semester hours taken from each program in certificate-approved courses (see department). Students must earn a “B” average in all courses taken for the certificate. An additional requirement is the completion of a major paper or project linking theory and practice. The program of study must be approved by the department.

Students in the BS or BA program in art education must apply through the department. Students must have a minimum 3.0 GPA to be accepted into the certificate program.

**Definition of Prefix**

**ARE**—Art Education

**Undergraduate Courses**

ARE 3313C. Art in the Elementary Schools (3). Study of significant literature and research in the field; laboratory investigation of materials, ideas, and methods currently used in elementary schools. On-site clinical experiences required.

ARE 4042. Theory and Practice I (3). Prerequisite: Admission to the Art Education Teacher Certification Program. Corequisite: ARE 4144. This course includes the theoretical, historical, philosophical, and sociological underpinnings for the development of curriculum for and the practice of art education in both primary and secondary schools. Observation in the public schools is required.

ARE 4043. Theory and Practice II (3). Prerequisites: ARE 4042, 4144. Corequisite: ARE 4550C. In this course, students develop an understanding of the concepts needed for teaching studio, art history, art criticism and aesthetics, and develop the skills for developing curriculum in these areas for both elementary and secondary schools. Observation in the public schools is required.

ARE 4143. Curriculum and Assessment in Art (3). Prerequisites: ARE 4042, 4043, 4144, 4550C. Corequisite: ARE 4392. This course helps students critically analyze various modes of evaluating student performance and provides experience in the development of assessment methods for the practice of art education in elementary and secondary schools. Observation in the public schools is required.

ARE 4144. Human Development and Learning in Art (3). Prerequisite: Admission to the Art Education Teacher Certification Program. Corequisite: ARE 4042. This course provides a theoretical foundation for understanding what children know and learn through artistic inquiry and expression. The course emphasizes practical application of this knowledge to curriculum development and lesson planning. Observation in the public schools is required.

ARE 4294. Art Museum Education (3). Prerequisite: ARE 4930. Building on a base established in the prerequisite course ARE 4930 Museum Education, this course addresses education in the art museum context.

ARE 4392. Classroom Management, Ethics, and School Law in Art Education (3). Prerequisites: ARE 4042, 4043, 4144, 4550C. Corequisite: ARE 4143. This course provides preservice art teachers with considerations and techniques for managing the art classroom and various art materials. Ethical codes of teacher conduct and the laws and policies governing the teaching profession are reviewed. Observation in the public schools is required.

**ACADEMIC PROGRAMS**

**Graduate Courses**

ARE 5046. Theory and Practice I (3).

ARE 5047. Theory and Practice II (3).

ARE 5145. Human Development and Learning in Art (3).

ARE 5147. Curriculum and Assessment in Art (3).

ARE 5245. Curriculum and Programs (3).

ARE 5253. Art in Community Service (3).

ARE 5258. Museum Education (3).

ARE 5262. Administration of Art Programs (3).

ARE 5285. Art Museum Education (3).

ARE 5304. Art in Childhood Education (3).

ARE 5382. Introduction to Counseling for Art Therapists (3).

ARE 5395. Classroom Management, Ethics, and School Law in Art Education (3).


ARE 5460. Therapeutic Use of Art Materials (3).

ARE 5551. Art Therapy and Group Counseling (3).

ARE 5552. Assessment for the Practice of Art Therapy (3).

ARE 5555. Advanced Art Therapy (3).

ARE 5556. Using Personal Symbols in Therapy (3).

ARE 5557. Interpretation of Symbols in Art Therapy (3).

ARE 5640. Ethics and Professional Issues (3).

ARE 5641. Critical Analysis (3).

ARE 5649. Theories of Art Therapy (3).

ARE 5665. Managing the Arts Organization (3).

ARE 5745. Research Survey (3).

ARE 5865. Arts Administration in the Public Sector (3).

ARE 5906r. Directed Individual Study (1–3).

ARE 5910r. Supervised Research (1–5). (S/U grade only.)

ARE 5930r. Special Topics in Art Education (1–3).

ARE 5934r. Special Topics: Art Therapy Issues (1–3).

ARE 5935r. Seminar: Current and Comparative Studies in Art Education (3).

ARE 5940. Supervised Teaching (3). (S/U grade only.)

ARE 5940L. Field Studies (1–3). (S/U grade only.)

ARE 5941. Practicum I (2). (S/U grade only.)

ARE 5942. Practicum II (3).

ARE 5943. Practicum III (3).

ARE 5944r. Field Laboratory Internship (1–9). (S/U grade only.)

ARE 5950. Portfolio in Art Education (3).

For listings related to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
This course will study the non-chronological approach to the visual arts of Asia, covering artists and monuments from Western and non-Western art history and are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They are characterized by certain art forms, religious beliefs and practices that are shaped by influences within the South Pacific and beyond. The course comprises a study of the major archaeological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works. A study of the major archaeological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works. A study of the major achievements of classical Greek art through an examination of the monuments, principal monuments, works, and archaeological evidence. A study of the major achievements of classical Greek art through an examination of the monuments, principal monuments, works, and archaeological evidence. A study of the major achievements of classical Greek art through an examination of the monuments, principal monuments, works, and archaeological evidence. A study of the major achievements of classical Greek art through an examination of the monuments, principal monuments, works, and archaeological evidence. Honors in the Major
The Department of Art History offers honors to the major in those who wish to pursue an extended independent research project. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Minor in Art History
A minor in art history requires fifteen (15) semester hours of course work in the department. The student may choose any five art history courses in completing this requirement.

Minor in Museum Studies
A minor in museum studies requires fifteen (15) semester hours. Of these, six (6) semester hours are in museum studies courses, three (3) hours are in a related elective, and the remaining six (6) hours are taken in supervised internship.

Definition of Prefix
ARH—Art History

Undergraduate Courses

ARH 2581. Survey of Tribal Arts Past and Present (3). This course will study the non-Western arts as tools for interacting with other people, or with environmental or universal forces.
ARH 2630C. Survey in African-American Art and Aesthetics (3). This course surveys special topics in African-American art and aesthetics. We will explore power dynamics, social protest, artistic accommodation, criticism, perception, content and motivation as historical and contemporary influences on and in African-American art.
ARH 3056. History and Criticism of Art I (3). Introductory survey from prehistoric through late-Medieval art history.
ARH 3057. History and Criticism of Art II (3). Introductory survey from early Renaissance through modern art history including developments in American art.
ARH 3130. Survey of Greek Art and Archaeology (3). Review of the major accomplishments in Greek art from early times up to and including the Hellenistic period through a survey of principal monuments, works, and archaeological evidence.
ARH 3150. Art and Archaeology of Ancient Italy (3). A survey of Italian art and archaeology including early Italy, the Etruscans, and Rome with reference to the major monuments, works, and archaeological evidence.
ARH 3350. The Arts of Asia (3). A general introduction to the visual arts of Asia, covering primarily India, central Asia, China and Japan. The course is organized along thematic lines, with topics such as the ancient world, Buddhism, Chinese aesthetic theory and painting, and native and foreign currents in Japanese art.
ARH 3382. Arts and Cultures of the South Pacific (3). This course will explore the significance of art, past and present, for the people of Samoa, Tonga, Cook, Tahiti, Hiva Oa, Rapa Nui, Aotearoa, Hawaii, Fiji, Australia, Papua New Guinea, New Ireland, New Britain, Trobriands, Solomons, Vanuatu, Tanna, Belau, Mariam, and the Marshalls. Each region is characterized by certain art forms, religious beliefs and practices that are shaped by influences within the South Pacific and beyond.
ARH 3390r. Methods of Art Criticism (3). Undergraduate seminar in art history with changing topics. May be repeated to a maximum of twelve (12) semester hours.
ARH 3930r. Special Topics (1–3). (SU grade only). May be repeated to a maximum of six (6) semester hours.
ARH 4110. Art and Archaeology of the Bronze Age in the Aegean (3). A study of the major archaological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works.
ARH 4110. Art and Archaeology of the Bronze Age in the Aegean (3). A study of the major archaological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works.
ARH 4131. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3). Survey of the accomplishments of classical Greek art through an examination of the monuments, works, and archaological evidence.
ARH 4151. Art and Archaeology of the Early Roman Empire (3). Roman art and archaeology from Augustus through the Antonines with a survey of the major artistic accomplishments and the archaeological remains.
ARH 4154. Archaeology of the Late Roman Empire (3). This course comprises a study of Roman art and archaeology from the second to sixth century CE with emphasis on important sites and monuments.
ARH 4173. Studies in Classical Archaeology and Art (1–3). Studies in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine (9) semester hours.
ARH 4210. Early Christian and Byzantine Art (3). Prerequisite: ARH 3056 or permission of instructor. Course begins with the first manifestations of Christian art and covers audiences, patrons, and problems of the representation of religious ideas. Arts discussed include Roman catacombs, mosaics of Ravenna and Sicily, sacred spaces of martyria and churches, icons of Rome and Constantinople and late and luxurious court arts of Byzantium.

Minor in Art History
A minor in art history requires fifteen (15) semester hours of course work in the department. The student may choose any five art history courses in completing this requirement.

Minor in Museum Studies
A minor in museum studies requires fifteen (15) semester hours. Of these, six (6) semester hours are in museum studies courses, three (3) hours are in a related elective, and the remaining six (6) hours are taken in supervised internship.

Definition of Prefix
ARH—Art History

Undergraduate Courses

ARH 2581. Survey of Tribal Arts Past and Present (3). This course will study the non-Western arts as tools for interacting with other people, or with environmental or universal forces.
ARH 2630C. Survey in African-American Art and Aesthetics (3). This course surveys special topics in African-American art and aesthetics. We will explore power dynamics, social protest, artistic accommodation, criticism, perception, content and motivation as historical and contemporary influences on and in African-American art.
ARH 3056. History and Criticism of Art I (3). Introductory survey from prehistoric through late-Medieval art history.
ARH 3057. History and Criticism of Art II (3). Introductory survey from early Renaissance through modern art history including developments in American art.
ARH 3130. Survey of Greek Art and Archaeology (3). Review of the major accomplishments in Greek art from early times up to and including the Hellenistic period through a survey of principal monuments, works, and archaeological evidence.
ARH 3150. Art and Archaeology of Ancient Italy (3). A survey of Italian art and archaeology including early Italy, the Etruscans, and Rome with reference to the major monuments, works, and archaeological evidence.
ARH 3350. The Arts of Asia (3). A general introduction to the visual arts of Asia, covering primarily India, central Asia, China and Japan. The course is organized along thematic lines, with topics such as the ancient world, Buddhism, Chinese aesthetic theory and painting, and native and foreign currents in Japanese art.
ARH 3382. Arts and Cultures of the South Pacific (3). This course will explore the significance of art, past and present, for the people of Samoa, Tonga, Cook, Tahiti, Hiva Oa, Rapa Nui, Aotearoa, Hawaii, Fiji, Australia, Papua New Guinea, New Ireland, New Britain, Trobriands, Solomons, Vanuatu, Tanna, Belau, Mariam, and the Marshalls. Each region is characterized by certain art forms, religious beliefs and practices that are shaped by influences within the South Pacific and beyond.
ARH 3390r. Methods of Art Criticism (3). Undergraduate seminar in art history with changing topics. May be repeated to a maximum of twelve (12) semester hours.
ARH 3930r. Special Topics (1–3). (SU grade only). May be repeated to a maximum of six (6) semester hours.
ARH 4110. Art and Archaeology of the Bronze Age in the Aegean (3). A study of the major archaological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works.
ARH 4131. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3). Survey of the accomplishments of classical Greek art through an examination of the monuments, works, and archaological evidence.
ARH 4151. Art and Archaeology of the Early Roman Empire (3). Roman art and archaeology from Augustus through the Antonines with a survey of the major artistic accomplishments and the archaeological remains.
ARH 4154. Archaeology of the Late Roman Empire (3). This course comprises a study of Roman art and archaeology from the second to sixth century CE with emphasis on important sites and monuments.
ARH 4173. Studies in Classical Archaeology and Art (1–3). Studies in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine (9) semester hours.
ARH 4210. Early Christian and Byzantine Art (3). Prerequisite: ARH 3056 or permission of instructor. Course begins with the first manifestations of Christian art and covers audiences, patrons, and problems of the representation of religious ideas. Arts discussed include Roman catacombs, mosaics of Ravenna and Sicily, sacred spaces of martyria and churches, icons of Rome and Constantinople and late and luxurious court arts of Byzantium.
Early Medieval Art (3). Prerequisite: ARH 3057 or consent of instructor. Considers the development of the uses of art in the European Middle Ages, from Barbarian metal work to the acceptance of the classical tradition, to the first mature pan-European art of Romanesque architecture and sculpture. Topics of special interest include pilgrimage, imperial imagery, manuscripts, and monasteries.

Later Medieval Art (3). Prerequisite: ARH 3057 or consent of instructor. Generally called Gothic art, this course includes the cathedrals and their sculpture built by bishops and towns, as well as the development of a new, imaginative art, not only for churches and lords. Topics of special interest include the Black Death, devotional art, civic expression, and the arts of the court.

Hiatus of Renaissance Architecture (3). Prerequisite: ARH 3057 or consent of instructor. A survey of 15th- and 16th-century architecture in Italy with emphasis on works by Brunelleschi, Alberti, Bramante, Michelangelo, and Palladio. Discussion will center on how the major architectural types developed and why: churches, city palaces, public piazzas, and country palaces. Particular attention will be paid to the impact of antiquity and the emergence of urban planning.

Early Italian Renaissance Art: 15th Century (3). Prerequisite: ARH 3057 or consent of instructor. An examination of how social and historical issues influenced the arts during the first flowering of the Renaissance in Florence, Rome, and Venice. Discussion will center on how the requirements of the patron, the vitality of local traditions, and the interaction among the arts all contributed to the creation of the new Renaissance vocabulary.

Later Italian Renaissance Art: 16th Century (3). Prerequisite: ARH 3057 or consent of instructor. This course examines works by the great master of the Renaissance, including Leonardo da Vinci, Michelangelo, and Titian, against the backdrop of the social and political critical issues of the Renaissance. Discussion will focus on the rise of the beefeater, the sources and meaning of Manerism, and the impact of the religious controversies of the age.

Northern European Renaissance Art (3). Prerequisite: ARH 3057 or consent of instructor. Developments in northern European 15th- and 16th-century art with emphasis on regions such as Flemish, French, German, and Dutch art. Several issues for consideration are the Renaissance as a period and the interaction among the arts.

Southern Baroque Art (3). Prerequisite: ARH 3057 or consent of instructor. This course investigates painting, sculpture, and architecture in Italy and Spain during the 17th century, stressing the theatrical, ecstatic, and virtuoso character of works produced for royalty, the Church, and the rising middle class by such masters as Caravaggio, Bernini, and Velasquez.

Northern Baroque Art (3). Prerequisite: ARH 3057 or consent of instructor. An examination of the Golden Age of painting, sculpture, and architecture in France, England, and the Netherlands, showing how the role of Rembrandt and Vermeer encoded meaning in works of detailed realism and contributed to the rise of new subjects in art, including still life, landscape, and portrait.

18th-Century Art (3). Prerequisite: ARH 3057 or consent of instructor. A study of painting, sculpture, and architecture produced in Western Europe during the Enlightenment, with emphasis on the luxurious, sensual art of the Rococo, the rational classicism of the Palladian Revival, the new moral and philosophical image of women, and the rise of the decorative arts.

Modern European Art: Neoclassicism through Impressionism (3). Prerequisite: ARH 3057 or consent of instructor. This course treats European art from 1780-1880, concentrating on the evolving dialogue between academic and anti-academic practices through an investigation of the relationship between theory, criticism, and techniques of representation. Topics of inquiry include: David and Neo-classicism; British landscape painting; Delacroix and French Romanticism; Courbet’s Realism and Manet’s Naturalism; and French Impressionism.

Modern European Art: Post-Impressionism through Surrealism (3). Prerequisite: ARH 3057 or consent of instructor. This course covers the development of art from 1880 to 1940. Topics of discussion include abstraction, Symbolism, Surrealism, as well as the relationship between the techniques and forms of abstract representation and contemporary philosophical, social, and political events. The writing of artists and critics provide the basis for this inquiry.

West African Art and the Diaspora: Brazil, Haiti, the United States and Suriname (3). This course is intended with an appreciation for, and an ability to identify and discuss, the arts of 18th, 19th and 20th century West African societies. It will also examine the impact of those art forms on the mind and spirits of Black populations in the Americas by giving students a framework for understanding how those art forms interact with social and cultural contexts.

Arts of India (3). Painting, sculpture, and architecture of India.

Arts of China (3). An introduction to the visual arts of China, covering the Neolithic to the modern period. The framework for the course is both chronological and thematic, with special focus on the relationship between culture and the visual arts. Among the topics covered are ancient China, Japanese aesthetics, Buddhist art, the rise of the samurai, garden architecture and tea ceremony, castle decoration, and the world of ukiyoe.

Arts of Japan (3). An introduction to the visual arts of Japan, covering the ancient to 1940. Topics of discussion include the reactions against Abstract Expressionism and investigates late-modernist practices (e.g. Pop Art, Minimalism, Conceptualism, Earth Art, Performance Art). Topics discussed include contemporary artistic practices and the relationship between “modernism” and “postmodernism”.

American and Ethnic Folk Art (3). This course is an introduction to American folk arts from the 17th century to the present. It provides students with a framework for understanding how folk arts worked within the social and cultural context of their time. It will also discuss the different ways folk arts have been defined, redefined, utilized, collected and understood by the art world at large.

History of Graphics (3). Prerequisite: ARH 3057 or consent of instructor. Survey of artists and processes in Western printmaking from the 15th century through the 20th century.

History of Renaissance Architecture (3). A critical discussion of the evolution of Renaissance architecture and sculpture with emphasis on the works of Brunelleschi, Alberti, Bramante, Michelangelo, and Palladio. Discussion will center on how the requirements of the patron, the vitality of local traditions, and the interaction among the arts all contributed to the creation of the new Renaissance vocabulary.

History of Renaissance Architecture (3). A critical discussion of the evolution of Renaissance architecture and sculpture with emphasis on the works of Brunelleschi, Alberti, Bramante, Michelangelo, and Palladio. Discussion will center on how the requirements of the patron, the vitality of local traditions, and the interaction among the arts all contributed to the creation of the new Renaissance vocabulary.

Arts and Architecture of Polynesia (3). This course is an in-depth discussion of the archaeology, art, architecture, ceremonies and cultures of the island peoples. This includes Tonga, Western Samoa, American Samoa, Marquesas, Society, Cook, Austral and Hawaiian Islands, New Zealand, and Easter Island. Particular attention will be paid to the impact of antiquity and the emergence of urban planning.

Arts of China (3). An introduction to the visual arts of China, covering the Neolithic to the modern period. The framework for the course is both chronological and thematic, with particular focus on the relationship between culture and the visual arts. Among the topics covered are ancient China, Japanese aesthetics, Buddhist art, the rise of the samurai, garden architecture and tea ceremony, castle decoration, and the world of ukiyoe.

Arts of Japan (3). An introduction to the visual arts of Japan, covering the ancient to 1940. Topics of discussion include the reactions against Abstract Expressionism and investigates late-modernist practices (e.g. Pop Art, Minimalism, Conceptualism, Earth Art, Performance Art). Topics discussed include contemporary artistic practices and the relationship between “modernism” and “postmodernism”.

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Graduate Courses

Art History and Criticism of Art (3). Seminar for graduate art history majors; introduction to art media and research methods.

Honors Work in Art History (1-6). May be repeated to a maximum of nine (9) semester hours; duplicate registration is allowed in the same term.

Internship in Museum Studies (3-12). This course is an internship in a collaborative museum to provide students with firsthand knowledge of, and practical experience in, museums. Concurrent registration is permitted. May be repeated to a maximum of twelve (12) semester hours.

Introduction to Appraising Personal Property (4).
Program in Asian Studies

College of Social Sciences

Director: Burton M. Atkins (Political Science); Professors: Bowman (Public Administration and Policy), Flanagan (Political Science), Kelsay (Religion), Olsen (Music), Singh (History); Associate Professors: Bakan (Music), Emdl (Religion), Garretson (History), Ho (Anthropology), Kim (Political Science); Assistant Professors: Cuevas (Religion), Grant (History), Lan (Modern Languages and Linguistics), Lee, (Art History), Sears (Art History); Yasuhara (Modern Languages); Visiting Professor: Koo (Economics); Visiting Associate Professor: Lopez (Religion); Visiting Assistant: Metcalf (Political Science), Schlenoff (Modern Languages)

The Program in Asian Studies is an international area studies program that is designed to develop a student’s competence in the language, history, culture, and the contemporary political and economic setting of a particular country or cultural region. This area-studies program is focused on Asia, broadly defined as including East Asia, South Asia, and the Middle East. A major or minor in this program serves the needs of 1) general liberal arts students who wish to learn more about these important areas of the world; 2) students who wish to pursue graduate work in these or related fields; and 3) students who seek employment in or related to Asia. The program also combines area- or country-specific courses that give students the needed cultural immersion with more general comparative courses that provide them with the necessary intellectual tools, the concepts and theories, to make sense out of their particular disciplinary concentrations. Students are to select language and thematic specializations in line with their intellectual interests and career goals and design their program of studies accordingly.

In addition to the regular major in Asian studies, the program also offers a second option designed for students who want to combine linguistic, cultural, and other relevant knowledge of Asia with business skills. Students electing this option will take a significant proportion of their course work in the College of Business. This option is intended to prepare students for a career that capitalizes on their knowledge of Asia.

The undergraduate program in Asian studies is administered through the College of Social Sciences. As an interdisciplinary program, no minor is required, except in the case of the Asian studies/business option, in which the business course work constitutes a minor. Students interested in either of these degree program options should consult with the director of Asian studies.

Requirements

Asian Studies Major

Students majoring in the program are to construct their study program around four components: 1) a language requirement; 2) a history requirement; 3) area-specific course work which emphasizes one of two tracks; and 4) a concepts and theories tool requirement to be fulfilled in the students major track. The total hour requirements for a major are a minimum of twelve (12) semester hours in an approved area language plus an additional thirty-six (36) semester hours beyond the liberal studies requirements (with a grade of “C-” or better in each course) distributed across the history requirement and the two tracks.

Majors must complete the basic university computer competency requirement. CGS 2060 with a grade of “C-” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu for more information.

Language Requirement

All students are required to take twelve (12) semester hours of course work in a relevant area language (Chinese, Japanese, Arabic, or some other Asian language). Students will be encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on the campus of The Florida State University or by participating in a semester- or summer-abroad program in their relevant cultural area as such programs become available. These programs should be administered by, affiliated with, or approved by The Florida State University. To encourage the achievement of language proficiency, language course-work hours taken beyond the twelve (12) semester hour minimum may be counted towards the required thirty-six (36) semester hours for the major.

History Requirement

Students are required to take a minimum of six (6) semester hours of work in the Asian studies history courses listed below.

Major and Minor Track Requirements

Students are to select either the social science track or the arts and humanities track as the major focus of their course work. Students are to take a minimum of twelve (12) semester hours of course work from among those area-specific courses listed for their major track and a minimum of six (6) semester hours of course work from among those area-specific courses listed for their minor track.

Concepts and Theories Tool Requirement

For each of the two tracks a larger number of concepts and theories courses are listed from the relevant disciplines. Students are to take a minimum of six (6) semester hours of course work from among those courses listed for their major track. Students should select these courses with some care in consultation with the program director. The courses should be narrowly focused on one or possibly two academic disciplines most relevant to the students primary Asia-related interests and career goals.

Asian Studies Major with a Minor in Business

This degree program combines the regular Asian studies major with a planned series of economics and business courses. The requirements for this degree are twelve (12) semester hours in an approved language (Chinese, Japanese, or Arabic), twenty-one (21) semester hours in Asian studies course work, and fifteen (15) semester hours in multinational business courses. The Asian studies course work is to be divided among the area-specific social science track courses (twelve [12] semester hour minimum) and Asian history (six [6] semester hour minimum). With this degree there is no concepts and theories requirement or arts and humanities minor track requirement. However, students may freely substitute language and anthropology courses for history or social science courses in meeting the twenty-one (21) semester hour Asian studies requirement. Students are also to select between two fifteen (15) semester hour business course-work options listed below, an international marketing track or an international finance track. The prerequisites for both tracks include ECO 2013 and 2023, which may be taken as part of the students basic studies requirements. In addition, students opting for the international finance track must complete ACG 2021 as a prerequisite.

International Marketing Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MAN 3600</td>
<td>Multinational Business Operations</td>
</tr>
<tr>
<td>MAN 4631</td>
<td>International Strategic Management</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Basic Marketing Concepts</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>Multinational Marketing</td>
</tr>
</tbody>
</table>
Choose one:
MAN 4605  Cross-Cultural Management (Prerequisite: MAN 3240)
  OR
MAN 4680r Selected Topics in International Management
  OR
Another related course approved by the Asian studies program adviser.

International Finance Track
FIN 3244 Financial Markets, Institutions, and International Finance Systems
FIN 3403 Financial Management of the Firm
FIN 4604 Multinational Financial Management
MAN 3600 Multinational Business Operations
Choose one:
MAN 4605  Cross-Cultural Management (Prerequisite: MAN 3240)
  OR
MAN 4680r Selected Topics in International Management
  OR
Another related course approved by the Asian studies program adviser.

Honors in the Major
The Program in Asian Studies offers honors in the major to encourage talented juniors and seniors to undertake independent and original work as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Asian Studies Minor
Students minoring in the program must complete eighteen (18) semester hours of Asian studies course work beyond the liberal studies requirement. In this case none of the broader comparative concepts and theories courses will count towards the eighteen (18) semester hour minimum. Students may select freely from all area-specific courses so long as at least three (3) semester hours are taken in history and each of the two tracks.

Approved Courses
Note: Descriptions of specific courses will be found under the individual departments in which they are taught.

History Courses
ASH 1044. Middle Eastern History and Civilization (3).
ASH 3100. History of Asia (3).
ASH 3200. History of The Ancient Near East (3).
ASH 4223. Modern Middle East (3).
ASH 4261. Central Asia Since the Mongols (3).
ASH 4402. China to 1898 (3).
ASH 4404. China Since 1898 (3).
ASH 4442. History of Modern Japan (3).
ASH 4520. Traditional India (3).
ASH 4550. Modern India (3).

Social Science Track—Area Specific
CPO 3034. Politics of Developing Areas (3).
CPO 3403. Comparative Government and Politics: The Middle East (3).
CPO 3512. Political Development in East Asia (3).
CPO 3520. Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3).
CPO 3541. Politics of China (3).
CPO 3553. Politics of Japan (3).
ECO 3933r. Special Topics in Economics [Chinese Economy] (3).
GEA 3704. East and Southeast Asia (3).
INR 4274. Studies in International Politics: The Middle East (3).

Social Science Track—Comparative Concepts and Theories
CPO 2002. Introduction to Comparative Government and Politics (3).
ECO 2000. Introduction to Economics (3).
ECO 2013. Principles of Macroeconomics (3).
ECO 2023. Principles of Microeconomics (3).

ECO 3303. History of Economic Ideas (3).
ECO 4704. International Trade (3).
ECO 4713. International Finance (3).
GEA 1000. World Geography (3).
GEO 1400. Human Geography (3).
GEO 3540. Economic Geography (3).
GEO 4420. Cultural Geography (3).
GEO 4471. Political Geography (3).
INR 2002. Introduction to International Relations (3).
INR 3603. Theories of International Relations (3).
INR 4102. American Foreign Policy (3).
INR 4702. Political Economy of International Relations (3).
PAD 3003. Public Administration in American Society (3).
PHI 3420. Philosophy of the Social Sciences (3).
PHM 2300. Introduction to Political Philosophy (3).
PHM 3331r. Modern Political Thought (3).
PHM 3350. Introduction to Marxist Philosophy (3).
PHM 3400. Philosophy of Law (3).
PHM 4340r. Contemporary Political Thought (3).
POT 3003. Introduction to Political Thought (3).
PSY 2012. General Psychology (3).
PUP 3002. Introduction to Public Policy (3).
PUR 3002. Public Relations Techniques (3).
SOP 3004. Social Psychology (3).
SYA 4010. Sociological Theory (3).
SYG 1000. Introductory Sociology (3).
SYO 3530. Social Classes and Inequality (3).
SYO 4550. Comparative Sociology (3).
SYP 3000. Social Psychology of Groups (3).
SYP 3300. Collective Action and Social Movements (3).
SYP 3540. Sociology of Law (3).
SYP 4340. Public Opinion Analysis (3).

Arts and Humanities Track—Area Specific
ANT 4362. Peoples and Cultures of Southeast Asia (3).
ANT 4363. Japanese Society and Culture (3).
ANT 4364. Chinese Society and Culture (3).
ARH 3530. The Arts of Asia (3).
ARH 3930r. Special Topics in Art [The Aesthetics of Chinese Calligraphy] (1–3).
ARH 3930r. Special Topics in Art [Buddhist Monuments of Asia] (1–3).
ARH 4540. Arts of India (3).
ARH 4551. Arts of China (3).
ARH 4554. Arts of Japan (3).
CHI 3501. Readings in Chinese Short Stories and Essays (3).
CHI 3502. Readings in Chinese Drama (3).
CHI 4503. Readings in Chinese History (3).
CHI 4930. Special Topics (3).
CHI 4930. Chinese Culture (3).
CHI 3901. Chinese Cinema & Culture (3).
CHI 3930. Topics in Chinese Literature (3).
HUM 3412. Humanities: South Asian (3).
HUM 3416. East Asian Humanities (3).
JPN 3230. Readings in Japanese Short Stories and Essays (3).
JPN 4930. Special Topics (3).
JPT 3391. Japanese Film and Culture (3).
JPT 4020. Japanese Calligraphy (1).
MUH 4572. Music of Japan (3).
REL 2315. Religions of South Asia (3).
REL 2350. Religions of East Asia (3).
REL 3335r. Hindu Texts and Contexts (3).
REL 3337. Goddesses, Women and Power in Hinduism (3).
REL 3340. The Buddhist Tradition (3).
REL 3358. Tibetan and Himalayan Religions (3).
REL 3363. The Islamic Tradition (3).
REL 4323. Religions of the Ancient Near East (3).
REL 4333. Modern Hinduism (3).
REL 4359. Special Topics in Asian Religions (3).
Arts and Humanities Track—Comparative Concepts and Theories

ANT 2410. Introduction to Cultural Anthropology (3).
ANT 3212. Peoples of the World (3).
ANT 3610. Language and Culture (3).
ANT 4241. Anthropology of Religion (3).
ARH 3056. History and Criticism of Art I (3).
ARH 3057. History and Criticism of Art II (3).
GEO 4420. Cultural Geography (3).
MUH 2051–2052. Music Cultures of the World [three (3) hours each].
PHI 2100. Introduction to Philosophy (3).
PHI 2630. Ethical Issues and Life Choices (3).
PHI 3670. Ethical Theory (3).
PHI 3700. Philosophy of Religion (3).
PHI 3800. Philosophy of the Arts (3).
PHI 3882. Philosophy in Literature (3).
REL 1300. Introduction to World Religions (3).
REL 3170. Religious Ethics and Moral Problems (3).

Definition of Prefix
ASN—Asian Studies

Undergraduate Courses

ASN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.
ASN 4907r. Special Topics in Asian Studies (1–3). May be repeated to a maximum of nine (9) semester hours as topics change.
ASN 4970r.Honors Thesis (1–8). Six (6) hours of credit must be taken in two (2) successive semesters and must result in the production of a thesis. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

Note: Descriptions of the following courses can be found under the individual departments in which they are taught.

ASN 5906r. Directed Individual Study: Chinese Civilization (1–4). (S/U grade only.)
ASN 5907r. Directed Individual Study: Japanese Civilization (1–4). (S/U grade only.)
ASN 5910r. Supervised Research (1–5). (S/U grade only.)
ASN 5935r. Special Topics in Asian Studies (1–3).

For listings relating to graduate course work for thesis, master’s comprehensive examination, and thesis defense, consult the Graduate Bulletin.

ASTRONOMY: see Physics

Requirements for a Major in Biological Science

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

1. Prerequisites for Upper-Division Biological Science Courses.

Registration in all 3000- and 4000-level biological science courses is allowed only after meeting the following criteria.

a. Satisfactory completion (“C–” or better) of BSC 2010/2010L (Biological Science I with lab) and BSC 2011/2011L (Biological Science II with lab);

b. Satisfactory completion (“C–” or better) of CHM 1046C or CHM 1050/1050L and CHM 1051/1051L (General Chemistry I and II with labs); and

c. A minimum combined 2.0 GPA in all biology, chemistry, physics, mathematics, and statistics courses, and their prerequisites, that are applicable to the major, from any institution attended.


a. All courses applicable to the major, including biological science, chemistry, physics, mathematics, and statistics must be completed with a grade of “C–” or better;

b. A student who has earned more than five unsatisfactory grades (U, D, D+, D+) in courses required for the major in biological science (biology, chemistry, physics, mathematics, and statistics) and their prerequisites at The Florida State University or elsewhere, whether or not repeated, will not be permitted to graduate from The Florida State University with a degree in biological science;

c. Designation, continuation, and graduation as a biological science major requires a minimum combined 2.0 GPA in all courses taken for the major from any institution, including biology, chemistry, physics, mathematics, and statistics, and their prerequisites; and

d. A biological science major who applies for readmission to the college must meet the biological science degree requirements of the catalog in force on the date of readmission.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. BSC X010/X010L*;
2. BSC X011/X011L*;
3. CHM X045/X045L;
4. CHM X046/X046L;
5. CHM X210/X210L*;
6. CHM X211/X211L*;
7. MAC X311*; and,
8. MAC X312*.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Department of BIOLOGICAL SCIENCE

COLLEGE OF ARTS AND SCIENCES

Chair: Timothy S. Moerland; Associate Chair (Graduate Studies): Bates; Associate Chair (Undergraduate Studies): Reeves; Associate Chair (Curriculum Development): Epstein; Professors: Abebe, Bates, Ellington, Fajer, Freeman, Gaffney, Herrnkind, Levitan, Meredith, Moerland, Outlaw, Quadagno, Roberts, Roux, Swoford, Taylor, Travis, Tschinkel; Associate Professors: Bass, Chase, Epstein, D. Fadool, Houle, Houpt, L. Keller, T. Keller, Miller, Naylor, Reeves, Ronquist, Trombley, Winn; Assistant Professors: Beerli, Deng, Erickson, J. Fadool, Hansen, Insouye, Mast, Steppen, Tang, Underwood, Wulff; Professors Emeriti: Anderson, Caspar, DeBusk, DeKloet, Easton, Elam, Elliott, Friedmann, Heird, Hofer, Homann, James, Livingston, Mariscal, Roeder, Short.

The Department of Biological Science offers an undergraduate major in biological science that includes programs of study in most contemporary areas of biology. Specific academic concentrations within the major include cell and molecular biology; ecology, evolution, and environmental biology; marine biology; mathematical and computational biology; physiology and neuroscience; invertebrate and vertebrate zoology; plant sciences; and pre-professional health sciences. A special certificate program in marine biology and living resource ecology is also offered. The requirements for the baccalaureate degree in biological science include most prerequisite courses necessary for admission to medical, dental, optometry, veterinary, osteopathic, chiropractic, and other allied health professional schools.

The Florida State University
3. **Co-op and Transient Study.** The Florida State University biological science majors who intend to take courses for the major (biological science, chemistry, physics, mathematics, statistics) at other institutions must receive approval from the Department of Biological Science Academic Advising Office prior to enrollment. This policy applies to courses taken as part of the FAMU—FSU and TCC—FSU co-op programs, as well as courses taken elsewhere.

4. **Required Courses in Biological Science.** Thirty-eight (38) semester hours of biological science course work are required for the degree. At least twenty (20) of the required semester hours must be taken in residence at The Florida State University. The following shall be included in the thirty-eight (38) semester hours:

- **a.** Nine (9) semester hours (prerequisite to all major course work in biology): BSC 2010/2010L, 2011/2011L;
- **b.** PCB 3063, General Genetics (3);
- **c.** BOT 3015, Plant Biology (2);
- **d.** PCB 3402L, Experimental Biology Laboratory (2);
- **e.** PCB 4674, Evolution (3);
- **f.** At least one course from two of the three areas:
  - **Area I: Cell and Molecular Biology**
    - MCB 4403, Prokaryotic Biology and Laboratory (3.2)
    - PCB 3134, Cell Structure and Function (3)
    - PCB 4024, Molecular Biology (3)
    - PCB 4253, Animal Development (3)
  - **Area II: Physiology**
    - BOT 4503, Plant Physiology (3)
    - PCB 3743,Vertebrate Physiology (3)
    - PCB 4723, General and Comparative Animal Physiology (3)
  - **Area III: Ecology and Environmental Science**
    - BSC 3052, Conservation Biology (3)
    - PCB 3043, General Ecology (3)
    - ZOO 4513, Animal Behavior (4)
- **g.** Additional courses for major credit at the 3000- or 4000-level to complete the thirty-eight (38) semester hour requirement. No more than six (6) semester hours of honors work in biological science (BSC 4970r), six (6) semester hours of directed individual study (BSC 4900r), one (1) semester hour of undergraduate supervised teaching (BSC 4945), and two (2) semester hours of senior tutorial (BSC 4931) can be used to meet the thirty-eight (38) hour requirement; and
- **h.** Completion of at least five biology laboratory/field courses (the letter “L” listed after the course number indicates that the course is a lecture and a lab/field combined, and the letter “C” indicates the course is a laboratory or field course).

5. **Required Courses in Collateral Areas**

- **a. General Chemistry:** Two semesters of general chemistry with laboratory equivalent to CHM 1045C plus CHM 1046C or CHM 1050/1050L plus CHM 1051/1051L;
- **b. Organic Chemistry:** Two semesters of organic chemistry equivalent to CHM 2210 and 2211. Many health professions programs also require CHM 2211L (Organic Chemistry Laboratory), BCH 4053 (General Biochemistry I), and BCH 4054 (General Biochemistry II), which do not apply to the major;
- **c. Mathematics/Statistics:** Either two semesters of calculus with analytical geometry equivalent to MAC 2311 and 2312 or MAC 2311, plus one semester of statistics for biology (STA 2171). One (1) semester hour of bio-calculus laboratory (MAT 3930) also is required;
- **d. Physics:** Two semesters of general physics with laboratory equivalent to PHY 2048C and 2049C (prerequisite of MAC 2311) or two semesters of college physics with laboratory equivalent to PHY 2053C and 2054C (prerequisites are MAC 1114 and MAC 1140).

6. **Exit Interview:** All seniors must complete an exit interview in the semester they plan to graduate. For details, contact an adviser in the Biological Science Academic Advising Office.

7. **Minor.** The required collateral courses in chemistry constitute a chemistry minor and fulfill the College of Arts and Sciences requirement for a minor; however, the student may select other minors in consultation with an adviser.

**Marine Biology Certificate Program in Living Marine Resource Ecology (Upper Division Only)**

A Certificate Program in Marine Biology and Living Marine Resource Ecology provides interested students with both a challenging academic program and substantive hands-on experiences in the field. The program prepares students to pursue professional careers in the application of ecology to significant resource issues of the marine environment. The certificate requirements assure a strong knowledge base in relevant biological disciplines, hands-on research experience on marine organisms and habitats, and an awareness of major problems and solutions of marine resource ecology now confronting science and society.

Prerequisites for the certificate program include: (1) completion of prerequisites required for the major in biological science (BSC 2010/2010L, 2011/2011L; CHM 1045C, 1046C, and (2) a 3.0 GPA or better in 2000-level biological science core courses (BSC 2010/2010L and BSC 2011/2011L). Students enrolling in the program will be required to complete at least sixteen (16) semester hours of specified course work as described below, and must maintain a 3.0 GPA or better in courses used for the certificate. Students wishing to enter the program retroactively may do so by the first semester of their senior year at the latest.

The certificate offers internships, scholarships, and other instructor programs that provide unique professional development opportunities for students interested in this field. These opportunities allow students to work closely with scientists in a student/mentor relationship, or to attend remote training or study programs during the summer. Selection for scholarship awards is based on academic qualifications, demonstrated interest in fisheries ecology, marine biology, and zoology, and relevance to the applicant’s biological and career interests. Additional information is available through the Academic Advising Office and the department’s Institute for Fishery Resource Ecology. For more information about the certificate program and list of required courses, please contact the Academic Advising Office.

**Mathematical and Computational Biology**

The Florida State University is one of 44 research universities that have received awards from the Howard Hughes Medical Institute to enhance and improve undergraduate education. A special undergraduate concentration is being developed in mathematical and computational biology, which includes training in bioinformatics and many other aspects of modern computational biology (genomics and proteomics.) The concentration includes course work in mathematics, programming and bioinformatics. In addition, a select group of students pursuing this concentration will be designated “Hughes Fellows” in their senior year and will receive financial support to help offset living expenses and other educational costs.

**Honors in the Major**

The Department of Biological Science offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Science Teaching**

Students interested in secondary education science teaching should contact the Office of Secondary Science and/or Mathematics Teaching within the department. For more information, see that chapter of this General Bulletin.

**Graduate Study**

The Department of Biological Science offers work leading to the master of science and doctor of philosophy degrees; consult the Graduate Bulletin for details.
Definitions of Prefixes

BCH — Biochemistry (Biophysics)
BOT — Botany
BSC — Biological Sciences
ISC — Interdisciplinary Sciences
MCB — Microbiology
PCB — Process Biology
PSB — Psychobiology
SCE — Science Education
ZOO — Zoology

Undergraduate Courses

Courses Not for Major or Minor Credit

BSC 1005. General Biology for Nonmajors (3). Four selected topics in contemporary biology.

BSC 1005L. General Biology Laboratory for Nonmajors (1). May be taken concurrently with lecture or subsequent to completion of lecture with passing grade.

BSC 1056C. General Biology for Nonmajors (4). This is a four (4) semester hour course that introduces students to a new ecological dimension to the study of life. The course is intended for students with a variety of backgrounds and goals.

BSC 1058C. Coastal Environments of the Big Bend (3). This course provides an introduction to the coastal environments of the Big Bend region of Florida. Included are descriptions of the flora and fauna of the area, as well as the human impacts on these environments.

BSC 1005. General Biology for Nonmajors (3). A study of the basic principles of biology, including the structure and function of living things, and the role of living things in their environment.

BSC 1005L. General Biology Laboratory for Nonmajors (1). Lecture or subsequent to completion of lecture with passing grade.

BSC 1046C. Elements of Biology (3). An introduction to the history of biology, the development of scientific methods, and the role of science in society.

Botany


managers and scientists form both the biological and social fields. Lecture topics range from life history studies of marine fish to the economic consequence of marine policy.

BSC 4945. Undergraduate Supervised Teaching (1). (S/U grade only.) Prerequisites: BSC 2011/2011L; CHM 1046C; PCB 3043; junior or senior standing; 3.0 GPA in biology; a course in the area of research; and written approval of the associate chair. Special supervised study in marine biology at the National Marine Fisheries Services Laboratory in Panama City, the Mote Marine Laboratory, or other approved location. Students may receive up to nine (9) semester hours of credit, of which four (4) semester hours would apply to the biological science major. Offered during the summer only.

BSC 4970r. Honors Work in Biological Science (1–6). Prerequisite: Admission to the departments honors in the major program. Participation in a supervised research problem. May be repeated to a maximum of nine (9) semester hours, of which six (6) semester hours may be applied to biological science major credit.

Microbiology

MCB 4403. Prokaryotic Biology (3). Prerequisites: BSC 2011/2011L; CHM 1046C, 2210; PCB 3063. Corequisite: MCB 4403L. Structural and functional characteristics of microorganisms, with emphasis on prokaryotes (bacteria and archaea) and viruses. Topics include: prokaryotic cell structure and function, physiology and genetics of prokaryotes and viruses, physiological and molecular aspects of microorganisms and human disease, and biotechnological applications of microbial physiology (environmental, food, and industrial microbiology).

MCB 4403L. Prokaryotic Biology Laboratory (2). Prerequisites: BSC 2011/2011L; CHM 1046C, 2210; PCB 3063. Corequisite: MCB 4403. Laboratory methods for growth, handling, and study of prokaryotes and other types of microorganisms. Topics include: aseptic technique and isolation of pure cultures; microscopic methods; effects of environment on growth of microorganisms; various characterization methods; and methods related to medical, environmental, and food microbiology.

MCB 4603. Environmental Microbiology (3). Prerequisites: BSC 2011/2011L; CHM 1046C; PCB 4403. The applied aspects of environmental microbiology. Topics include the basic principles of microbial ecology and biotechnological aspects of microbes and the environment. Biomediation of pollutants, bioremediation, microbial degradation of liquid and solid wastes, and microbial control of pests.

Process Biology


PCB 3063. General Genetics (3). Prerequisites: BSC 2011/2011L; CHM 1046C. Introduction to the principles of transmission and molecular genetics of procaroytes and eucaryotes and significance of these principles to other aspects of biological science.


PCB 4233. Immunology (3). Prerequisites: BSC 2011/2011L; CHM 1046C; CHM 2210; PCB 3063, 3134, or permission of instructor. Analysis of the tissues, cells, and molecules of the immune system and their relationships to disease and transplantation.


PCB 4253. Animal Development (3). Prerequisites: BSC 2011/2011L; CHM 1046C; PCB 3063. Discusses a number of topics, including fertilization, early embryonic events, organogenesis, differentiation, morphogenesis, cytoplasmic localization, determination, and differential gene expression.

PCB 4253L. Animal Development Laboratory (1). Prerequisites: BSC 2011/2011L; CHM 1046C; PCB 3063; Corequisite: PCB 4253. Laboratory experiments regarding sea urchin fertilization, viruses, and gene expression, and chick-cell interactions.

PCB 4341C. Advanced Field Biology (3). Prerequisites: BSC 2011/2011L; CHM 1046C; permission of instructor. Emphasis on conducting a series of ecological research projects in the field.

PCB 4514. Advanced Genetics and Molecular Biology (3). Prerequisites: BSC 2011/2011L; CHM 1046C; PCB 3063. Mendelian genetics; transmissions; DNA repair; plasmids; insertion elements; regulation of gene expression.


PCB 4731L. Experimental Physiology (2). Prerequisites: BSC 2011/2011L; CHM 1046C; a course in physics. Exploration of physiological mechanisms in nerve, muscle, heart, and central nervous systems, with emphasis on electrophysiological methods.

Graduate Courses

Biochemistry

BCH 586R. Special Topics in Biochemistry and Cell Biology (1–3).

BCH 587R. Special Topics in Biochemistry and Cell Biology (1–3).

Botany

BOT 535R. Selected Topics in Botany (1–4).

BOT 693R. Seminar in Botany (2). (S/U grade only.)

Biological Science

ZOO 4753C. Histology (4). Prerequisites: BSC 2011/2011L; CHM 1046C. The microscopic anatomy and functions of the cells, tissues, and glands composing the organs and systems of humans.


Microbiology

MCB 5408. Prokaryotic Biology (3).

MCB 5505. Virology (3).

MCB 5506. Selected Topics in Microbiology (1–4).

MCB 5636. Seminar in Microbiology (2). (S/U grade only.)

Process Biology

PCB 5047. Perspectives in Ecology and Evolutionary Biology (3).

PCB 5137. Advanced Cell Biology (3).

PCB 5345C. Advanced Field Biology (3).


PCB 5447. Community Ecology (3).

PCB 5525. Molecular Biology (3).

PCB 5595. Advanced Molecular Biology (3).

PCB 5672. Evolution (3).

PCB 5675. Advanced Evolutionary Biology (3).

PCB 5746. Mammalian Physiology I (3).

PCB 5747. Mammalian Physiology II (3).

PCB 5765. Biology of Muscle (3).
Interdepartmental
BRITISH STUDIES LONDON CENTER MINOR

COLLEGE OF ARTS AND SCIENCES
Coordinator: James E. Pitts (International Programs)
The British Studies London Center Minor is concerned with the culture of Great Britain from ancient times to the present. The minor is built around the student’s program of studies at The Florida State University London Study Center, allowing the student to study British culture from the perspective of various disciplines and to pursue the minor before, during, and after the student attends the London Center. The minor gives greater focus to, and enhances the quality of, the student’s program of studies in Britain. The sojourn in London is the essential element in the minor, providing direct involvement in contemporary British civilization as well as exposure to Britain’s historical and cultural artifacts.

Requirements for a Minor in British Studies
The interdisciplinary minor requires the completion of fifteen (15) semester hours in courses approved by the British Studies London Center Minor Coordinating Committee. At least nine (9) semester hours of approved courses must be taken while the student is in residence at the London Study Center. A maximum of nine (9) semester hours may be counted in any single academic discipline. A minimum grade of “C-” must be earned for all courses taken for the minor. In addition, a minimum grade point average of 2.0 must be maintained in all courses counted toward the minor. Students who intend to minor in British Studies should declare this intention with the Director of Student Services of International Programs at the end of his/her semester in London.

Core Courses
These courses will be counted in the minor whether they are taken on the Tallahassee campus or in London. Descriptions of these courses can be found under the individual departments in which they are taught.

CPO 3123 Comparative Government and Politics: Great Britain (3)
ECO 3303 History of Economic Ideas (3)
ENL 2012 British Authors: Beginnings to 1790 (3)
ENL 2022 British Authors: Early Romantics to the Present (3)
ENL 3210 Medieval Literature in Translation (3)
ENL 3334 Introduction to Shakespeare (3)
ENL 4112 The 18th-Century British Novel (3)
ENL 4122 The 19th-Century British Novel (3)
ENL 4132 The Modern British Novel (3)
ENL 4161 Renaissance Drama (3)
ENL 4171 Restoration and 18th-Century Drama (3)
ENL 4220 Renaissance Poetry and Prose (3)
ENL 4230 Restoration and 18th-Century English Literature (3)
ENL 4240 British Romantic Literature (3)
ENL 4251 Victorian British Literature (3)

ENL 4273 Modern British Literature (3)
ENL 4311 Chaucer (3)
ENL 4333 Shakespeare (3)
ENL 4341 Milton (3)
EUH 3501 The Making of Modern England (3)
EUH 3532 England, the Empire, and the Commonwealth (3)
EUH 4500 England in the Middle Ages (3)
EUH 4510 Tudor England (3)
EUH 4512 Stuart England (3)
EUH 4544 Sex and Class in England, 1750–1914 (3)
LIT 4184 Irish Literature (3)

ENL 4333 Shakespeare (3)
ENL 4341 Milton (3)
EUH 3501 The Making of Modern England (3)
EUH 3532 England, the Empire, and the Commonwealth (3)
EUH 4500 England in the Middle Ages (3)
EUH 4510 Tudor England (3)
EUH 4512 Stuart England (3)
EUH 4544 Sex and Class in England, 1750–1914 (3)
LIT 4184 Irish Literature (3)

Related Courses
These courses may be counted in the minor only when they are taken at the London Study Center.

ANT 2410 Introduction to Cultural Anthropology (3)
ANT 2511 Introduction to Physical Anthropology and Prehistory (3)
ARH 2000 Art, Architecture, and Artistic Vision (3)
ARH 3056 History and Criticism of Art I (3)
ARH 3057 History and Criticism of Art II (3)
ARH 4353 Northern Baroque Art (3)
CLA 2010 Introduction to Greek and Roman Civilization (3)
CLA 3502 Women, Children, and Slaves in Ancient Rome: The Roman Family (3)
ECO 2023 Principles of Microeconomics (3)
ENC 3310 Article and Essay Workshop (3)
ENG 3110 Film Genres (3)
ENG 3931r Topics in English (1–3)
ENG 4932r Studies in English (1–3)
EUH 2000 Ancient and Medieval Civilizations (3)
EUH 3420 Rise and Fall of Classical Civilization (3)
FIL 2001 Introduction to Film (3)
FOW 3240 Literature and Sexuality (3)
GEA 1000 World Geography (3)
GEO 1331 Environmental Science (3)
GEO 1400 Human Geography (3)
HUM 3321 Multicultural Dimensions of Film and 20th-Century Culture (3)
HUM 4931r Topics in the Civilization of Britain or Italy (3)
IND 4131r History of Interiors II (3)
INR 2002 Introduction to International Relations (3)
INR 3502 International Organization (3)
INR 3603 Theories of International Relations (3)
ISS 4931r Special Topics (1–3)
LIT 2081 Contemporary Literature (3)
LIT 2169 Introduction to Global Literature in English (3)
LIT 3043 Modern Drama (3)
LIT 3383 Women in Literature (3)
LIT 4033 Modern Poetry (3)
in chemical engineering and related fields, elective courses are available in bioengineering, polymer engineering, materials engineering, molecular engineering, electrochemical engineering, environmental engineering, and biomedical engineering, with additional courses under development.

The graduate in chemical engineering is particularly versatile. Industrial work may involve production, operation, research, and development. Graduate education in medicine, dentistry, and law, as well as chemical engineering, biomedical engineering and other engineering and scientific disciplines are viable alternatives for the more accomplished graduate.

Program Objectives and Outcomes

The Department of Chemical and Biomedical Engineering is accredited nationally by the Accreditation Board for Engineering and Technology (ABET). As part of the accreditation process, the department has developed program educational objectives and program outcomes to reflect the educational goals of the department. These objectives and outcomes are continually assessed and modified to meet the changing demands of the department stakeholders.

Program Educational Objectives

The Department of Chemical and Biomedical Engineering shall prepare its students for academic and professional work through the creation and dissemination of knowledge related to the field, as well as through the advancement of those practices, methods, and technologies that form the basis of the chemical engineering profession. Accordingly, the Department of Chemical and Biomedical Engineering has identified the following four departmental educational objectives for the Bachelor of Science Degree in Chemical Engineering:

1. To educate students in the design and analysis of chemical processes and systems;
2. To train students on issues of product quality, safety, and environmental impact;
3. To develop student professionalism in the field of chemical engineering through departmental and classroom activities and student involvement in local and national professional organizations; and,
4. To provide educational diversity to meet the needs of emerging sub-fields within chemical engineering and related disciplines.

Program Outcomes

These objectives are further expanded and detailed through eleven student outcomes:

a. An ability to apply a knowledge of mathematics, physics, chemistry, and chemical engineering (C3.a);

b. An ability to design and conduct experiments, and analyze and interpret data of importance to the design and analysis of chemical processes (C3.b);

c. An ability to design and analyze new and existing chemical systems and processes to meet desired needs (C3.c);

d. An ability to function on multi-disciplinary teams (C3.d);

e. An ability to identify, formulate, and solve engineering problems (C3.e);

f. An understanding of professional and ethical responsibility (C3.f);

g. An ability to communicate effectively (C3.g);

h. The broad education necessary to understand the impact of engineering solutions in a global and societal context (C3.h);
• An ability to engage in life-long learning (C3.i);
• A knowledge of contemporary issues (C3.j); and,
• An ability to use the techniques, skills, and modern engineering tools necessary for chemical engineering practice (C3.k).

Note: Identifiers beginning with C3, such as C3.a above, refer to specific outcomes in Criterion 3 of the ABET Engineering Criteria 2000. They indicate the ABET outcome which the Department of Chemical Engineering outcome addresses.

The department sees ABET Engineering Criteria EC-2000 as encouraging each engineering department to pursue its own unique BS degree program objectives in accordance with its own environment and stakeholder demands. ABET EC 2000 also stipulates that the outcomes of program implementation must be assessed and evaluated regularly, and the results of such assessments and evaluations must be utilized as needed in future program objectives and implementation.

### Undergraduate Laboratory and Computational Facilities

Undergraduate teaching laboratories in measurements and transport phenomena, unit operations, and process control are designed to augment classroom instruction. Our undergraduate chemical engineering laboratory experiments feature a 20 stage distillation column for the study of organic chemical separations, several reactor vessels for the design and analysis of continuous reactor configurations, and a liquid/liquid continuous extraction process system, to name a few. All experiments include computer data control and computer data acquisition systems in order to provide a “real world” experience for our students.

The department has extensive computational and laboratory facilities in a number of areas. In addition to the university computing center facilities accessible by remote terminals, students have access to College of Engineering computer labs that have either timeshared remote terminals using UNIX or desktop personal computers connected to college-wide servers. Within the Department of Chemical and Biomedical Engineering, undergraduate students working on research projects utilize laboratory computer terminals connected to the college servers and PCs dedicated to research use. The department requires the use of computers for data acquisition, process control, experimental design and analysis, report writing, and homework problem calculations in the chemical engineering curriculum.

### Areas of Study (Majors)

Although the department offers one bachelor of science degree (chemical engineering), students may choose from among five diverse areas of study that reflect new directions in the broader field of chemical engineering. These major options include chemical engineering, environmental engineering-chemical, bioengineering, materials engineering, and chemical–biomedical engineering.

- **Chemical Engineering.** The most common major, it prepares students for employment or further study in traditional areas of chemical engineering (described above.)
- **Chemical-Environmental Engineering.** Chemical engineers will play a pivotal role in developing future pollution prevention strategies by improving and replacing current products and processes. Upcoming efforts will focus on integrating the design and production of goods with their ultimate disposal and reuse. Chemical engineers will provide the means to not only prevent pollution, but move to the concept of creating a sustainable society where most products are recycled repeatedly.
- **Chemical-Bioengineering.** Biochemical engineering is a highly interdisciplinary field that has arisen from the application of chemical engineering principles to the production of materials derived from living systems. A number of processes and products, including fermentation for making alcohols and various foods, the efficient use of enzymes for tanning leather, the use of bacteria for biological waste treatment, and the production of antibiotics from mold culture, have been developed and utilized in the past. Bioengineering combines biochemical engineering with other aspects of life sciences applied to engineering, such as pharmacology and biotechnology.
- **Chemical-Materials Engineering.** Chemical engineers have extensively developed and studied the molecular structures and dynamics of materials—including solids, liquids, and gases—in order to develop macroscopic descriptions of the behavior of such materials. In turn, these macroscopic descriptions have allowed the construction and analysis of unit processes that facilitate desired chemical and physical changes. This constant interplay between molecular scale understanding and macroscopic descriptions is unique and central to the field of chemical engineering.

- **Chemical–Biomedical Engineering.** Biomedical engineering concerns the application of chemical engineering principles and practices to large scale living organisms, most specifically human beings. As one of the newest subdisciplines of chemical engineering, the field is a rapidly evolving one involving chemical engineers, biochemists, physicians, and other health care professionals. Biomedical research and development is carried out at universities, teaching hospitals, and private companies, and it focuses on conceiving new materials and products designed to improve or restore bodily form or function. Biomedical engineers are employed in diverse areas such as artificial limb and organ development, genetic engineering research, development of drug delivery systems, and cellular and tissue engineering. Many chemical engineering professionals are engaged in medical research to model living organisms (pharmacokinetic models), and to make biomedical devices (e.g., drug delivery capsules, synthetic materials, and prosthetic devices). Because of increasing interest in this field of study, the major in Chemical–Biomedical Engineering also provides an avenue for students interested in pursuing a career in medicine, biotechnological patent law, or biomedical product sales and services.

### State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101;
2. ENC X102;
3. MAC X311*;
4. MAC X312*;
5. MAC X313*;
6. MAP X302;
7. CHM X045/X045L*;
8. PHY X048/X048L;
9. PHY X049/X049L;
10. Six (6) semester hours in humanities;
11. Six (6) semester hours in social science;
12. Three (3) additional semester hours in humanities or social science.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

### Requirements for a BS Degree in Chemical Engineering

A program of study encompassing at least one hundred thirty-one (131) semester hours is required for the bachelor of science (BS) degree in chemical engineering. A candidate for the bachelor’s degree is required to earn a “C” or higher in all engineering courses, and must achieve a 2.0 grade point average (GPA) in the forty-five (45) semester hours of upper division engineering major courses. In addition, students must achieve a grade of “C-” or higher in all courses transferred into the Department of Chemical Engineering. Students should contact the department for the most up-to-date information concerning the chemical engineering curriculum requirements.

Five majors exist within the chemical engineering bachelor’s degree program. These include chemical engineering, chemical-environmental engineering, chemical-bioengineering, chemical-matials engineering, and chemical–biomedical engineering. Most of the curriculum is common
to all five majors, and includes topics in liberal studies, mathematics, basic science, computer science, advanced chemistry, general engineering science, and chemical engineering science and design. History/social science and humanities/fine arts electives are to be selected to satisfy the Florida State University liberal studies requirement. Students in all five majors should successfully complete the following courses in addition to the liberal studies, other University, and College of Engineering requirements:

**Math and Science Prerequisites**
- MAC 2311 Calculus with Analytic Geometry I (4)
- MAC 2312 Calculus with Analytic Geometry II (4)
- MAC 2313 Calculus with Analytic Geometry III (5)
- ECH 3301 Introduction Process Analysis and Design for Chemical Engineers (3)
- OR
- MAP 3305 Engineering Mathematics I (3)
- CHM 1045 General Chemistry I (3)
- CHM 1045L General Chemistry I Laboratory (1)
- CHM 1046 General Chemistry II (3)
- CHM 1046L General Chemistry II Laboratory (2)
- PHY 2048C General Physics A (5)
- PHY 2049C General Physics B (5)
- ECO 2023 Economics of the Price System (3)
- ECH 3821 Computer Applications in Chemical Engineering (3)
- OR
- CGS 3408 C for Nonspecialists (3)
- OR
- CGS 3460 FORTRAN for Nonspecialists (3)

**Advanced Chemistry**
- CHM 2210 Organic Chemistry I (3)
- CHM 2211 Organic Chemistry II (3)
- CHM 4410 Physical Chemistry I (3)
- CHM 4410L Physicochemical Measurements and Techniques I (1)
- CHM 4411 Physical Chemistry II (3)
- CHM XXXX Advanced Chemistry Elective (3)

**General Engineering**
- EGN 1004L First Year Engineering Lab (1)
- EGM 3512 Engineering Mechanics (4)
- EEL 3003 Introduction to Electrical Engineering (3)
- EEL 3003L Introduction to Electrical Engineering Laboratory (1)

**Chemical Engineering Science and Design**
- ECH 3023 Mass and Energy Balances (4)
- ECH 3101 Chemical Engineering Thermodynamics (3)
- ECH 3266 Introductory Transport Phenomena (3)
- ECH 3274L Measurements and Transport Phenomena Laboratory (3)
- ECH 3418 Separations Processes (3)
- ECH 3854 Chemical Engineering Computations (3)
- ECH 4267 Advanced Transport Phenomena (3)
- ECH 4323 Process Control (3)
- ECH 4323L Process Control Laboratory (1)
- ECH 4404L Unit Operations Laboratory (3)
- ECH 4504 Kinetics and Reactor Design (3)
- ECH 4604 Chemical Engineering Process Design I (4)
- ECH 4615 Chemical Engineering Process Design II (3)
- ECH 4XXX Chemical Engineering Electives (6) [for Biomedical Engineering majors]

**Major Requirements**

In addition to the courses listed above that are required for all majors, the following courses are specifically required for each of the five majors.

**Major in Chemical Engineering**

**Advanced Chemistry Elective.** The advanced chemistry elective is to be selected from the following courses offered in the Department of Chemistry and Biochemistry, or selected other courses in either chemical engineering or biological sciences specifically approved by the Chair of the Department of Chemical Engineering.

**Major in Environmental Engineering—Chemical**

**Advanced Chemistry Elective**
- CHM 3120C Introduction to Analytical Chemistry (4)
- OR
- CHM 4135C Instrumental Analysis (3)

**Chemical Engineering Electives**
- ECH 4781 Chemical Engineering Environmental (3)

**Major in Bioengineering**

**Advanced Chemistry Elective**
- BCH 4053 General Biochemistry I (3)

**Chemical Engineering Electives**
- ECH 4743 Chemical Engineering Bioengineering (3)

**Major in Materials Engineering**

**Advanced Chemistry Elective**
- CHM 3120C Introduction to Analytical Chemistry (4)
- OR
- CHM 4135C Instrumental Analysis (3)

**Chemical Engineering Electives**
- ONE OF
  - ECH 4823 Introduction to Polymer Science and Engineering (3)
- ECH 4824 Chemical Engineering Materials (3)
- ECH 4937 Special Topics in Chemical Engineering [Molecular Engineering] (3)

**Major in Chemical–Biomedical Engineering**

**Biological Science Prerequisite**
- BSC 2010 Biological Science I (3)
- BSC 2010L Biological Science I Laboratory (1)

**Psychology Liberal Studies Course**
- PSY 2012 General Psychology (3)
BME 4904r. Undergraduate Research Project in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Corequisite: Junior standing. Completion in this course of a research project for six (6) semester hours with a grade of “C” or higher may be used to satisfy the program elective requirement. May be repeated to a maximum of six (6) semester hours.

BME 4906r. Honors in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Corequisite: Junior standing. Completion in this course of an honors research project for six (6) semester hours with a grade of “C” or higher may be used to satisfy the program elective requirement. May be repeated to a maximum of six (6) semester hours.

BME 4937r. Special Topics in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Junior standing. Topics in this course emphasize recent developments in biomedical and biomedically engineered systems. Selected readings are assigned by the instructor. Structure of the course varies by instructor and topic, but generally involves lectures and a final project on a topic in biomedical engineering. May be repeated to a maximum of twelve (12) semester hours.

ECH 4741. Chemical Engineering Communications (2). Techniques for effective oral communication in settings most frequently encountered by the practicing engineer. Speaking skills will be applied in informal presentations, formal presentations, and interviews.

ECH 3265. Transport Phenomena II (3). Prerequisites: ECH 3264; EGM 3512; 201L; CGS 4403 or 4404; MAC 2313; PHY 2049C. This course examines material and energy balances on chemical process systems and process measurements and development of problem solving methodologies in mass and energy balances.

ECH 3264. Mass and Energy Balances II (3). Prerequisite: CM 1046; ECH 3023; CHM 2211L; EGM 3512; MAC 2313. This course is the second in a two-part series introducing the general concepts of chemical engineering, and laying the foundation to establish both the mass and the energy balances of a chemical process. Analysis of energy and mass balances in equilibrium chemical reaction processes is introduced. Transient mass and energy balances are applied to chemical systems using the computational tools available. Principles of error analysis and data fitting to models are applied to selected examples in chemical engineering.

ECH 3263. Transport Phenomena I (3). Prerequisites: MAP 3305; EGM 3512; ECH 3264 with a grade of “C” or better. Corequisites: CHM 4410; ECH 3418. This course is an introduction to computational tools available for the solution of chemical engineering problems. The primary focus will be on the use of spreadsheets, high-level programming languages such as MATLAB, and computer algebra systems such as Maple in chemical engineering applications. This course also will provide an introduction to the use of chemical process simulation tools. The main emphasis of the course is placed on the written and oral communication of the lab results. There will be lecture material pertaining to the analysis of data, numerical and error analysis techniques.

ECH 3301. Introduction to Process Analysis and Design for Chemical Engineers (3). Prerequisite: MAC 2313. This course will examine the development of process models for equilibrium and dynamic systems, including stagewise processes, that arise in chemical engineering applications, and how to apply process simulation techniques.

ECH 3418. Separations Processes (3). Prerequisites: CHM 2210; ECH 3023 and 3101, both with a “C” or better; EGM 3512; MAP 3305. Corequisite: 3266. This course examines the principles of equilibrium and transport-controlled separations. Topics include absorption, extraction, filtration, and membrane separations. Aspects of equilibrium and transport-controlled separations, and the role of design in selecting and sizing separation processes, including distillation, absorption, extraction, filtration, and membrane separations.

ECH 3821. Computer Applications in Chemical Engineering (3). Prerequisite: MAC 2311. This course is an introduction to computational tools available for the solution of chemical engineering problems. The primary focus will be on the use of spreadsheets, high-level programming languages such as MATLAB, and computer algebra systems such as Maple in chemical engineering applications. This course also will provide an introduction to the use of chemical process simulation tools. The main emphasis of the course is placed on the written and oral communication of the lab results. There will be lecture material pertaining to the analysis of data, numerical and error analysis techniques.

ECH 3845. Chemical Engineering Computations (3). Prerequisites: ECH 3264; either CGS 4403 or CGS 4404; MAP 3305. Introduction to the central concepts of practical numerical techniques using computers for solving chemical engineering problems. Includes solution of differential equations, computational fluid dynamics, and numerical differentiation and integration, initial value problems for ordinary differential equations, direct methods for solving linear systems, numerical computations in matrix algebra, and numerical solution of nonlinear systems of equations.

ECH 3940r. Cooperative Work Experience (0). (SU grade only.)

ECH 4267. Advanced Transport Phenomena (3). Prerequisites: ECH 3266, 3418. Corequisite: ECH 3274L. This course examines the following topics: molecular mechanisms for momentum, heat, and mass transport; differential balance equations for conservation of mass, momentum, and heat; and applications of these balance equations to chemical processes involving diffusive and convective mass and heat transfer in solids, liquids and gases; interphase transfer mechanisms; and boundary layer theory and turbulent transport.


ECH 4232L. Process Control Laboratory (1). Corequisite: ECH 4323. Experiments designed to illustrate and apply control theory, measurement techniques, calibration, tuning of controllers, characterization of sensors, and control circuits.
Graduate Courses

BME 5005. Engineering and Applied Science Aspects of Biology and Medicine (3).
BME 5020. Biophysical Chemistry and Biothermodynamics (3).
BME 5030. Biochemical Transport Phenomena (3).
BME 5086. Biomedical Engineering Ethics (3).
BME 5105. Biomaterials (3).
BME 5385. Animal Surgical Techniques (3).
BME 5500. Biomedical Instrumentation (3).
BME 5905r. Directed Individual Study (1–3).
BME 5910. Supervised Research (3). (S/U grade only.)
BME 5935r. Biomedical Engineering Seminar (0). (S/U grade only.)
BME 5937r. Special Topics in Biomedical Engineering (3).
BME 5971r. Thesis (1–9). (S/U grade only.)
BME 6210. Biomechanics of Human Structure and Motion (3).
BME 6330. Tissue Engineering (3).
BME 6530. NMR and MRI Methods in Biology and Medicine (3).
BME 6720. Biostatistical Mechanics (3).
BME 6938r. Special Topics in Biomedical Engineering (3).
BME 6980r. Dissertation (1–9).
BME 8965r. Doctoral Qualifying Exam (0).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

CHEMICAL PHYSICS: see Graduate Bulletin
Department of Chemistry and Biochemistry

College of Arts and Sciences

Chair: Naresh S. Dalal; Professors: Brüscheviler, Chapman, Cooper, Cross, Dalal, Dorsey, Dougherty, Fulton, Gilmer, Holton, Kraftf, Kroto, Marshall, Safron, Saltiel, Schlenoff; Associate Professors: Alabugin, Fischer, Goldsby, Greenbaum, Hilinski, Li, Logan, Sang, Steimbock, Stiegman, Strouse; Assistant Professors: Dudley, Lattumer, Miller, Nymeyer, Roper, Striegel, Yang, Zakarian, Zhu; University Professor: Kasha; Coordinator of General Chemistry Laboratories: Dillon; Coordinator of Upper Division Chemistry Laboratories: Kearly; Professors Emeriti: Choppin, Clark, DeTar, Herz, Johnsen, Light, Linder, Mandelkern, Mellon, Rhodes, Schwartz, Sheline, Vickers; Professor Emerita: Hoffman

The Department of Chemistry and Biochemistry offers the undergraduate degrees of bachelor of science (BS) and bachelor of arts (BA) in chemistry, biochemistry, and chemical science. Students seeking BS or BA degrees in chemistry may major in chemistry or environmental chemistry. A degree in chemistry or biochemistry is suitable preparation for a variety of career choices, including immediate employment in the chemical, biochemical, environmental, and related industries, or graduate study in chemistry, biochemistry, chemical physics, biophysics, or medicine. Chemistry majors should take note of the possibility of earning certification by the American Chemical Society in completing their degree requirements. Details of this program are given below. Additional work in mathematics and physics is appropriate for students planning to conduct graduate work in physical chemistry and chemical physics. For those interested in graduate work in biochemistry or biophysics, the baccalaureate degree in biochemistry or the degree in chemistry with electives including BCH 4053, 4054, and selected biology courses is recommended. Students interested in careers in the environmental sciences, ecology and ecosystem management, and environmental toxicology are encouraged to obtain the chemistry degree with a major in environmental chemistry. In every case students should plan their programs in consultation with an academic adviser. Normally students begin taking courses required for the major in the first year, and it is important to consult with a chemistry adviser as early as possible.

The baccalaureate degree in chemical science is offered to meet the needs of those students whose career goals lie outside chemistry but require a strong foundation in science. This program is appropriate, for example, for a student interested in forensic science, medical technology, oceanography, the earth sciences, health-allied sciences, or for students planning a career in business, public policy or law with an emphasis in science and/or technology. Compared to the other degree programs in this department, chemical science has a smaller core of required courses to which students are expected to add elective work in other areas after consultation with their adviser. The chemical science degree is not appropriate for students interested in graduate study in chemistry or closely related disciplines such as biochemistry, environmental chemistry or marine chemistry, or for students seeking employment in the chemical industry immediately upon graduation.

Honors in the Major

The Department of Chemistry and Biochemistry offers Honors in the Major to encourage students to undertake independent and original research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin, or the departmental Web site at http://www.chem.fsu.edu.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Chemistry

1. CHM X045/X045L or CHM X040 and CHM X041 or CHM X045C or CHM X045E;
2. CHM X046/X046L or CHM X046C or CHM X046E;
3. MAC X311 or MAC X281;
4. MAC X312 or MAC X282;
5. Choose one of the following sequences:
   a. CHM X210/X210L and CHM X211/X211L or CHM X210C and CHM X211C;
   OR
   b. PHY X048/X048L and PHY X049/X049L or PHY X048C and PHY X049C or PHY X053C or PHY X053/X053L and PHY X054C or PHY X054/X054L.

Biochemistry

1. BSC X010/X010L and BSC X011L or PCB X010 or PCB X011 or PCB X021 or BSC X131 or BSC X040 or BSC X012 or ZOO X100 or BOT X010 or BSC X041 or BOT X013;
2. CHM X045/X045L;
3. CHM X046/X046L;
4. CHM X210/X210L*;
5. CHM X211/X211L*;
6. MAC X312 *.

Chemical Sciences

1. CHM X045/1045L or CHM X040 and CHM X041 or CHM X045C or CHM X045E;
2. CHM X046/X046L or CHM X046C or CHM X046E;
3. MAC X311;
4. Choose one of the following sequences:
   a. CHM X210/X210L* and CHM X211/X211L;
   OR
   b. PHY X053C and PHY X054C.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements

Please review all college-wide degree requirements, including the foreign language requirement, summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

The bachelor of arts (BA) degree can be obtained by completion of the bachelor of science (BS) degree requirements plus additional courses required by the University as set forth in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Students who expect to transfer to The Florida State University should note that all chemistry courses at the 4000 level applied toward any of the department’s majors must be taken at The Florida State University unless specifically exempted by the chair by written request.

Prospective majors should note the mathematics and physics requirements. To allow optimal flexibility in planning the upper-division programs, fulfillment of the mathematics requirements should be started in the freshman year. Chemistry, biochemistry, and environmental chemistry majors are required to take General Physics A and B (PHY 2048C and PHY 2049C) as preparation for Physical Chemistry I and II (CHM 4410 and CHM 4411). Chemical science majors may meet the physics requirement with either the calculus-based or non-calculus-based (PHY 2053C and PHY 2054C) physics sequence.

The calculus courses required for the chemistry major constitute a minor in mathematics, and no other minor is necessary. The biology courses required for the baccalaureate degree in biochemistry constitute a minor in biological sciences and no additional minor is necessary. The two courses in calculus (MAC 2311 and MAC 2312) and the two calculus-based physics courses (PHY 2048C and PHY 2049C) required for the environmental chemistry major constitute an interdepartmental minor approved by the Department of Chemistry and Biochemistry. This interdepartmental minor may be used for the chemical science majors who substitute calculus-based physics for the required non-calculus-based physics. Otherwise the baccalaureate degree in chemical science must include a minor of twelve (12) semester hours in an approved minor field.
No courses used for satisfying liberal studies requirements may also be counted toward the minor.

Final clearance for all majors is made by the Department of Chemistry and Biochemistry. Graduating students must schedule an exit interview with the Chair of the Undergraduate Curriculum and Advising Committee. The purpose of the interview is to ensure that the final degree requirements are met that term and to discuss the information requested in the exit survey. The department will not approve graduation without an exit interview.

**Academic Performance**

No required course in which a student has earned a grade below “C–” may be applied toward any of the degrees in chemistry. Students must also make a “C–” or better in the first semester of a year sequence course (or obtain the instructor’s permission) to continue the sequence. A student who has received more than five unsatisfactory grades (U, F, D–, D, D+) in courses required for a major offered by the Department of Chemistry and Biochemistry (chemistry, mathematics, physics, biological science, or approved outside elective) at The Florida State University or elsewhere, whether or not repeated, will not be permitted to graduate with a degree in that major.

**Baccalaureate Degree in Chemistry**

**Major in Chemistry**

Complete the two-semester sequences in general chemistry (CHM 1045C, 1046C, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); physical chemistry (CHM 4410, 4410L, 4411, 4411L); analytical chemistry (CHM 3120C, 4130C); and one semester of inorganic chemistry (CHM 4610L) and the associated laboratory (CHM 4610L). Also required are mathematics through calculus III and two semesters of calculus-based physics. The physics and math requirements should be met before taking physical chemistry.

**Major in Environmental Chemistry**

Complete the two-semester sequences in general chemistry (CHM 1045C, 1046C, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); physical chemistry (CHM 4410, 4410L, 4411, 4411L); analytical chemistry (CHM 3120C, 4130C); and two semesters of advanced work in chemistry of the environment, including some aspects of aquatic, atmospheric and geological chemistry. Field work and modeling in environmental systems are encouraged as a part of this advanced work. A list of appropriate courses that satisfy the advanced chemistry of the environment requirement may be obtained from the environmental chemistry advisor or the departmental Web site. Also required are mathematics through calculus II, two semesters of calculus-based physics, two semesters of either biology or geology (at least one of these courses must include a lab), and one semester of computer programming, numerical modeling, advanced statistics, or calculus III. Calculus III is recommended as preparation for physical chemistry. The physics and math requirements should be met before taking physical chemistry.

**American Chemical Society Certification**

Students obtaining the baccalaureate degree in chemistry may obtain certification from the American Chemical Society (ACS). Certification requires completion of the core chemistry curriculum listed above, plus BCH 4053 and one additional upper-level chemistry course. Independent research taken as CHM 4905r, Directed Individual Study, or 4906r, Honors Work, may be counted as the upper-level chemistry course, provided that a final report is written by the student. Students planning to obtain ACS certification degrees should have their program of studies approved by an adviser in the department.

**Baccalaureate Degree in Biochemistry**

Students must complete the two-semester sequences in general chemistry (CHM 1045C, 1046C, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); physical chemistry (CHM 4410, 4411L); analytical chemistry (CHM 3120C, 4130C); and biochemistry (BCH 4053, 4054) along with one of the following laboratories: physical chemistry (CHM 4410L and 4411L), biochemistry (BCH 4053L), or honors research (CHM 4906r). Mathematics through calculus II and two semesters of calculus-based physics are also required and should be completed before taking physical chemistry. Calculus III is recommended as preparation for physical chemistry. Further, the following biology courses are required: general biology (BSC 2010, 2010L, 2011, 2011L), genetics (PCB 3063), and a biology elective from a list obtained from the biochemistry adviser or the departmental Web site.

**Baccalaureate Degree in Chemical Science**

Complete the two-semester sequences in general chemistry (CHM 1045C, 1046C, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); analytical chemistry (CHM 3120C, 4130C); physical chemistry (CHM 3400 or both CHM 4410 and 4411); mathematics through calculus I; and a two-semester sequence in physics, either with or without the use of calculus. Chemistry, biochemistry and environmental chemistry majors cannot double major in chemical science.

**Suggested Specialized Electives for Chemical Science**

**Prewedicine**

Students intending to study medicine are advised to satisfy the minimum requirements with BSC 2010, 2010L, 2011, 2011L; PCB 3063 and BCH 4053. Furthermore, calculus II, the calculus-based physics course, and certain upper-level biology courses may provide additional preparation for the MCAT and subsequent coursework in medical school. These students should prepare programs of study in consultation with advisers in the Department of Chemistry and Biochemistry and with the College of Medicine.

**Forensic Science**

Students intending to pursue a career in forensic science may choose to major in chemical science with the addition of the following courses: BSC 2010, 2010L, 2011, 2011L and a biochemistry course with lab (BCH 3023C, or BCH 4053 and BCH 4053L). Certain government agencies (e.g. the FBI) may recommend a background in accounting.

**Oceanography**

Students intending to specialize in oceanography are advised to include OCE 4011 in the program of studies, along with selected electives in biological and earth sciences (e.g., GLY 4240; OCC 5050).

**Business**

The baccalaureate degree in chemical science with a minor in business can prepare students for management and marketing positions in the chemical and other technical industries and also provide a strong technical background for students interested in entering programs such as that for the master of business administration (MBA) degree. Suggested minor courses are at least one course each in accounting, management, marketing, and finance and one or more business electives. In addition, courses in economics and behavioral science (satisfying liberal studies social sciences requirement) and in computer programming, statistics, and written composition beyond basic English are recommended. Consult with an adviser in the Department of Chemistry and Biochemistry and with a representative of the College of Business in preparing a specific program.

**Requirements for a Minor in Chemistry**

The requirements for a minor in chemistry include the two-semester sequence in general chemistry, CHM 1045C, 1046C or CHM 1050/1050L, 1051/1051L, and at least one of the following courses or course sequences: CHM 2210–2211, CHM 3120C, CHM 3400, CHM 4410–4411. A minimum of thirteen (13) semester hours is required, at least four (4) semester hours of which must be taken at The Florida State University. Grades below “C–” will not be accepted for minor credit.

**Advanced Placement in Chemistry**

Students with an Advanced Placement (AP) score of 3 will receive four (4) semester hours of credit in CHM 1020/1020L; an AP score of 4 earns the student credit for CHM 1045C; an AP score of 5 earns the student credit for CHM 1045C and CHM 1046C. Students with an AP score of 3 are eligible to take a departmental placement exam for CHM 1045C.
International Baccalaureate Diploma

International Baccalaureate (IB) diploma holders with a score of 4 will receive three (3) semester hours of credit in CHM 1020C. Those with a score of 5 or higher will earn credit for CHM 1020C (2 hours) and 1045C (4 hours).

Policy on Reduced Credit

Students should register for reduced credit if CHM 1032 is taken after passing CHM 1020, if CHM 1045C is taken after passing CHM 1020, or if CHM 1045C is taken after passing CHM 1032, as indicated in the following table:

<table>
<thead>
<tr>
<th>Sequence of Lecture Courses Taken</th>
<th>Semester Hours Awarded for Each Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1020 only</td>
<td>CHM 1032 3 CHM 1045C 3</td>
</tr>
<tr>
<td>CHM 1032 only</td>
<td>— 3 —</td>
</tr>
<tr>
<td>CHM 1045C only</td>
<td>— 4 —</td>
</tr>
<tr>
<td>CHM 1020, then 1032</td>
<td>CHM 1045C 3 2</td>
</tr>
<tr>
<td>CHM 1020, then 1045C</td>
<td>3 2</td>
</tr>
<tr>
<td>CHM 1020, then 1032, then 1045C</td>
<td>3 2 2</td>
</tr>
<tr>
<td>CHM 1032, then 1045C</td>
<td>— 3 3</td>
</tr>
<tr>
<td>CHM 1045C, then 1032</td>
<td>2 —</td>
</tr>
</tbody>
</table>

Note: CHM 1020 and 1032 are not preparatory courses for CHM 1045C and should not normally be taken prior to beginning the general chemistry sequence.

Definition of Prefixes

<table>
<thead>
<tr>
<th>BCH</th>
<th>Biochemistry (Biophysics)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM</td>
<td>Chemistry</td>
</tr>
<tr>
<td>CHS</td>
<td>Chemistry-Specialized</td>
</tr>
<tr>
<td>ISC</td>
<td>Interdisciplinary Sciences</td>
</tr>
<tr>
<td>PSC</td>
<td>Physical Sciences</td>
</tr>
<tr>
<td>SCE</td>
<td>Science Education</td>
</tr>
</tbody>
</table>

Undergraduate Courses

General Chemistry

CHM 1020. Chemistry for Liberal Studies (3). Intended to provide the non-science major with an introductory study of chemistry principles without an extensive use of mathematics. This course is designed for students who wish to fulfill the liberal studies science requirement with chemistry and will take no further chemistry courses. This course is not designed as a preparatory course for CHM 1045C. Major topics include atomic theory, gas laws, states of matter. Credit not allowed for CHM 1020 after taking CHM 1032, 1045C, or equivalent.

CHM 1020L. Chemistry for Liberal Studies Laboratory (1). Prerequisite or Corequisite: CHM 1020, Lecture, two (2) hours. No credit allowed for CHM 1020L after taking CHM 1045C. Laboratory emphasizing major topics from CHM 1020: quantitative observations, properties of matter, separation of mixtures.

CHM 1032. Survey of General Chemistry (3). Lecture. Prerequisite: MAC 1105. The first course in general chemistry for students in nursing, nutrition and fitness, and other areas requiring a short course leading to CHM 2200C. Students taking CHM 1032 after taking CHM 1020 should contact a chemistry adviser to register for reduced credit. Credit not allowed for CHM 1032 after taking CHM 1045C or equivalent.

CHM 1045. General Chemistry I (3). Lecture, three (3) hours per week, and recitation, one (1) hour. Prerequisite: MAC 1105 with a grade of “C-” or higher or placement beyond MAC 1105 on the University’s math department exam. Corequisite: CHM 1045L. Chemical symbols, formulas, electron configuration of atoms, definitions of states of matter; electronic structure and bonding. Students taking CHM 1045 after taking CHM 1020 and/or CHM 1032 should contact a chemistry adviser to register for reduced credit.

CHM 1045C. General Chemistry I (4). Prerequisite: MAC 1105 (“C-” or better). Topics in this course include chemical symbols, formulas and equations; the states of matter, electronic structure and bonding; and introduction to chemical laboratory practice. Course consists of lectures, recitations, and laboratory (must sign up for CHM 1045L to select meeting time.)

CHM 1045L. General Chemistry I Laboratory (1). Laboratory, three (3) hours per week. Corequisite: CHM 1045C. Safety goggles and a scientific calculator are required for every class.

CHM 1046. General Chemistry II (3). Lecture. Prerequisites: CHM 1045 and 1045L, or CHM 1050 and 1050L, with a grade of “C-” or better. Corequisite: CHM 1046L. Elementary thermodynamics; acids and bases; equilibrium, rates and mechanisms of chemical reactions.

CHM 1046C. General Chemistry II (3). Prerequisites: CHM 1045C or 1050 and 1050L (All “C-” or better). Topics include elementary thermodynamics; acids and bases; equilibrium, rates and mechanisms of chemical reactions; and semi-micro qualitative analysis of common cations. Course consists of lectures, recitations, and laboratory (must sign up for CHM 1046L to select meeting time.)

CHM 1046L. General Chemistry II Laboratory (1). Lecture three (3) hours per week. Corequisite: CHM 1046C. Safety goggles and scientific calculator are required for every class.

CHM 1050. Honors General Chemistry I (3). Lecture. Prerequisites: MAC 1105 and high school chemistry. Corequisite: CHM 1050L. A first general chemistry course intended for honors students or students with equivalent qualifications and an interest in majoring in science. Topics include kinetic theory, atomic theory of matter, atomic structure and the periodic chart, condensed phases, electrochemistry, and chemical equilibrium.

CHM 1050L. Honors General Chemistry I Laboratory (1). Laboratory, three (3) hours. Corequisite: CHM 1050. Introduction to quantitative techniques. Introduction to chemical laboratory techniques. Topics include stoichiometry, atomic spectra, gases, and acids and bases. Safety goggles and scientific calculator are required for every laboratory.

CHM 1051. Honors General Chemistry II (3). Lecture. Prerequisites: CHM 1050 and 1050L, or CHM 1045C; either sequence with a grade of “C-” or higher, and with consent of instructor. Corequisite: CHM 1051L. Intended for honors students and students with equivalent qualifications. Covers the topics of CHM 1046C in greater depth. Solution equilibria, oxidation reduction and galvanic cells, chemical analysis, hydroxides and oxides of the elements, kinetics, advanced bonding and structure.

CHM 1051L. Honors General Chemistry II Laboratory (2). Laboratory conference, one (1) hour; laboratory, five (5) hours. Corequisite: CHM 1051. Opportunity for research-based special projects. Safety goggles and scientific calculator are required for every laboratory.

CHM 3930r. Special Topics in Chemistry (1–3). (SU grade only.) May be repeated to a maximum of twelve (12) semester hours.

CHM 4090L. Science Glassblowing (1). Laboratory, one (1) hour. Restricted to advanced science majors. Laboratory instruction of fundamental glassblowing techniques of greatest utility to the experimental scientist who may require custom glassware.

CHM 4905. Directed Individual Study (3). Prerequisites: Upperclass standing, “A” average in chemistry courses.

CHM 4906r. Honors Work (1–6). For honors in the major work only. May be repeated to a maximum of nine (9) hours.

SCE 1070. Science, Technology, and Society (3). The role played by science and technology in American society is considered by examining: the organization of the scientific enterprise, the realities of scientific life versus portrayals of scientists in the media, how science is funded, its economic and its intellectual significance, dilemmas posed by progress in science and technology, and societal conditions under which science and technology cannot be used as credit toward a major or a minor in a science department. At least junior standing or permission of instructor is required.

SCE 2801C. Physical Science for EC/EE Teachers (4). This course is designed for prospective elementary and early childhood education majors. The course integrates physics and chemistry. The course includes laboratory exercises. Students will work in groups in a hands-on, minds-on approach to learning physical science.

SCE 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1). See interdisciplinary science courses in the “College of Arts and Sciences” chapter of this General Bulletin.

Analytical Chemistry

CHM 3120C. Introduction to Analytical Chemistry (4). Lecture, two (2) hours; laboratory, six (6) hours. Prerequisites: CHM 1046C with a grade of “C-” or higher. Fundamentals of analytical chemistry. Topics include acid-base equilibria, redox potentials, complexometric titrimetry, separations, electrochemistry, and absorption spectroscopy. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

CHM 4080. Environmental Chemistry I (3). Prerequisites: CHM 1045C, 1046C. The application of geochemical and geologic principles to environmental issues. Topics include: an evaluation of contaminants in surface and ground water; hydrocarbon geochemistry and petroleum contamination; management, including toxic and nuclear waste; air quality issues, including radon and asbestos; geologic hazards in upland and coastal areas; environmental methods and instrumentation, quality assurance and quality control in environmental analysis; principles of toxicology; risk assessment and risk management.

CHM 4090L. Science Glassblowing (1). Laboratory, one (1) hour. Restricted to advanced science majors. Laboratory instruction of fundamental glassblowing techniques of greatest utility to the experimental scientist who may require custom glassware.

CHM 4905. Directed Individual Study (3). Prerequisites: Upperclass standing, “A” average in chemistry courses.

CHM 5410. Advanced Analytical Chemistry (3). Lecture, three (3) hours. Prerequisites: CHM 3120C with a grade of “C-” or higher, PHY 2048 or 2053C. Corequisite: Physical chemistry or consent of instructor. This course is the lecture portion of CHM 4130C. Not available as upperclassmen to undergraduate chemistry majors. Normally reserved for graduate students who need a course in chemical instrumentation but who do not need the laboratory experience. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

CHM 4130. Advanced Analytical Chemistry (3). Lecture, three (3) hours; laboratory, six (6) hours [lab meets for nine (9) weeks only]. Prerequisites: CHM 3120C with a grade of “C-” or higher, PHY 2048C or 2053C. Corequisite: Physical chemistry or consent of instructor. This course is the laboratory portion of CHM 4130C. Not available as upperclassmen to undergraduate chemistry majors. Topics include atomic and molecular methods of analysis, atomic emission and absorption spectroscopy, nuclear magnetic resonance spectroscopy, mass spectrometry, chromatography. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

Biochemistry

CHM 3023. Introduction to Biochemistry (3). Lecture, two (2) hours; laboratory, three (3) hours, alternating with one (1) hour recitation. Prerequisite: CHM 2200C. A survey of modern biochemistry with special emphasis on those concepts which might be of use to nutrition and food scientists.

BCH 4053. General Biochemistry (3). Lecture, three (3) hours. Prerequisite: CHM 2210. Corequisites: CHM 2211, 2211L. The first biochemistry course recommended for chemistry majors.
Chemistry and Biochemistry  171

and biology majors and for students who intend to study medicine. Structure and function of proteins, membranes, and cellular constituents. Enzyme catalysis bioenergetics. Carbohydrate metabolism.

BCH 4053L. General Biochemistry I Laboratory (3). Prerequisite: CHM 3120C. Corequisite: BCH 4053. Laboratory conference, one (1) hour; laboratory, six (6) hours. Laboratory methods in biochemistry including electrophoresis, chromatography, cell fractionation, and enzyme assays, ligand interactions, and recombinant DNA technology.

BCH 4054. General Biochemistry II (3). Lecture, three (3) hours. Prerequisite: BCH 4053. Intermediary metabolism. Structure and expression of genetic information.

BCH 4055. Mammalian Biochemistry and Genetics (3). Lecture, three (3) hours; Prerequisites: BCH 4054; PCB 5063. Biochemistry and molecular biology with the emphasis on mammalian systems. Biochemical basis of metabolic diseases.

Inorganic Chemistry

CHM 4610. Inorganic Chemistry (3). Lecture, three (3) hours. Prerequisites: CHM 2211, 2211L, 3120C; Corequisite: CHM 4410 or consent of instructor. Physical principles, systems in the chemistry of periodic groups, descriptive chemistry of the inorganic elements. Topics such as atomic structure and the periodic classification of the elements, chemical bonding, chemical reaction, acid-base chemistry, chemistry of main group elements, and coordination chemistry of the transition elements will be included.

CHM 4610L. Inorganic Chemistry Laboratory (1). Laboratory conference, one (1) hour; laboratory three (3) hours. Prerequisite: CHM 4610. Synthesis and characterization of inorganic compounds.

CHS 4100C. Techniques of Radiochemistry (3). Lecture, two (2) hours; laboratory, six (6) hours. Prerequisite: Physical chemistry or consent of instructor. Principles of nuclear and radiochemistry. Techniques and applications of radiotracers are studied. The course is designed to prepare students in the theory and practice of nuclear science in chemistry and related science.

Organic Chemistry

CHM 2200C. Survey of Organic Chemistry (4). Lecture, three (3) hours; laboratory, four (4) hours. Prerequisite: CHM 1032. Intended for students in nutrition and fitness (fitness option).

CHM 2210. Organic Chemistry I (3). Lecture, three (3) hours; recitation one (1) hour. Prerequisite: CHM 1046C with a grade of "C-" or higher. Fundamentals of structure and chemical behavior of organic molecules. The first course in a sequence for chemistry majors, premedicine students, biologists, and others requiring good background in organic chemistry.

CHM 2211. Organic Chemistry II (3). Lecture, three (3) hours; recitation one (1) hour. Prerequisite: CHM 2210 with a grade of "C-" or higher or permission of the instructor.

CHM 2211L. Organic Chemistry II Laboratory (3). Laboratory conference, one (1) hour; laboratory, seven (7) hours. Prerequisite: CHM 2210 with a grade of "C-" or higher. Corequisite: CHM 2211.

Physical Chemistry

CHM 3400. General Physical Chemistry (4). Lecture, three (3) hours; recitation, one (1) hour. Prerequisite: CHM 1046C and calculus I. An elementary treatment of general physical chemistry, including thermodynamics, equilibrium, electromotive force, kinetics, atomic structure, and an introduction to quantum theory. For the chemical science major and interested nonmajors.

CHM 4410, 4411. Physical Chemistry I, II (3, 3). Lecture, three (3) hours. Prerequisites: CHM 1045C or consent of instructor; MAC 2312 (MAC 2313 recommended); Corequisite: PHY 2049C. Thermodynamics, kinetic theory of gases, reaction kinetics, introduction to quantum mechanics, introduction to statistical mechanics.

CHM 4410L. Physicochemical Measurements and Techniques I (3). Laboratory, three (3) hours. Corequisite: CHM 4410. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

CHM 4411L. Physicochemical Measurements and Techniques II (2). Laboratory, six (6) hours. Prerequisite: CHM 4410L. Corequisite: CHM 4411. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

Graduate Courses

Analytical Chemistry

CHM 5086. Environmental Chemistry I (3).
CHM 5087. Environmental Chemistry II (3).
CHM 5138. Mass Spectrometry (3).
CHM 5140. Introduction to Chemical Instrumentation (3).
CHM 5141. Introduction to Chromatography (3).
CHM 5151. Optical Methods of Chemical Analysis (3).
CHM 5153. Electrochemistry (3).
CHM 5154. Chemical Separations (3).
CHM 5180r. Special Topics in Analytical Chemistry (1–3).
CHM 5454. Polymer Characterization (3).
CHM 6190r. Analytical Chemistry Seminar (1).
CHM 6191r. Analytical Chemistry Seminar (1). (S/U grade only.)

Biochemistry

BCH 5405. Molecular Biology (3).
BCH 5505. Structure and Function of Enzymes (3).
BCH 5506, 5507. Biophysical Chemistry and Macromolecules I, II (3, 3).
BCH 5745. Chemical and Physical Characterization of Biopolymers (3).

Inorganic Chemistry

CHM 5620. Principles of Inorganic Chemistry (3).
CHM 5680r, 5681r. Current Topics in Inorganic Chemistry [one to three (1–3) hours each].
CHM 6690r. Inorganic Chemistry Seminar (1).
CHM 6691r. Inorganic Chemistry Seminar (1). (S/U grade only.)

Organic Chemistry

CHM 5245. Physical Organic Chemistry (3).
CHM 5250. Advanced Organic Synthesis (3).
CHM 5330. Graduate Survey of Organic Chemistry (3).
CHM 5380r. Special Topics in Organic Chemistry (1–3).
CHM 6390r. Organic Chemistry Seminar (1). (S/U grade only.)

Physical Chemistry

CHM 5440. Physical and Chemical Kinetics (3).
CHM 5460. Thermodynamics and Statistical Mechanics (3).
CHM 5461. Advanced Statistical Mechanics (3).
CHM 5470. Valence Theory (3).
CHM 5480. Quantum Mechanics (3).
CHM 5481. Advanced Quantum Mechanics (3).
CHM 5506, 5507. Biophysical Chemistry and Macromolecules I, II (3, 3).
CHM 5530. Survey of Physical Chemistry (3).
CHM 5580r, 5581r. Special Topics in Physical Chemistry [one to three (1–3) hours each].
CHM 5585. Experimental Methods in Physical Chemistry (3).
CHM 6590r. Physical Chemistry Seminar (1).

Multiple Area Courses

CHM 5823r. Supervised Research (1–5). (S/U grade only.)
CHM 5830r–5833r. Directed Individual Study [one to six (1–6) hours each]. (S/U grade only.)
CHM 5910–5913. Chemical Research [three (3) hours each].
CHM 5935r. Chemistry Seminars (0). (S/U grade only.)
CHM 5940r. Supervised Teaching (1–5). (S/U grade only.)
CHM 5945. Seminar on Chemical Education (1). (S/U grade only.)
CHM 6800–6851r. Techniques in Research [three (3) hours each]. (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

CHILD DEVELOPMENT:
see Family and Child Sciences

CHILDDHOOD EDUCATION:
see Childhood Education, Reading, and Disability Services

CHINESE:
see Asian Studies; Modern Languages and Linguistics
Department of
CHILDOOD EDUCATION, READING, AND
DISABILITY SERVICES

COLLEGE OF EDUCATION

Chair: Ithel Jones; ProfeSsors: English, Flake, Palmer, Scott-Simmons, Wolfgang; Associate Professors: Burkhonde, Clark, Ebener, Edwards, Hanline, Jones, Lake, Lewis, Menchitci, Piazza, Rice; Assistant Professors: Al Otaiba, Correa-Torres, Delano, Hudson, Lundeen; Associates in Elementary Education: Davis (Panama City), Rios (Panama City); Assistants in Elementary Education: Floyd, Rivera; Visiting Assistant Professors: Eubanks (Panama City), Fesmire (Panama City); Professors Emeriti: Green, Kirby, Lynch-Brown, Mills, Oseroff, Schluck, Scott, Taft; Courtesy Instructor: L. Jones, C. O’Farrell.

There are five major areas of specialization in the Department of Childhood Education, Reading, and Disability Services: early childhood education, elementary education, reading and language arts education, special education, and rehabilitation services.

The primary missions of the Department of Childhood Education, Reading, and Disability Services are: 1) to conduct research that provides new knowledge for the improvement of practice in educational settings through the ongoing publication of basic and applied educational research, the dissemination of research findings at scholarly conferences, and the seeking of external research funding; and 2) to provide excellence in the preparation of educators at the undergraduate level in the fields of early childhood education and elementary education. For a complete listing of all requirements concerning the continuation and graduation from a teacher education program, please refer to the “College of Education” chapter in this General Bulletin.

The following majors are offered by the Department of Childhood Education, Reading, and Disability Services:

- Early childhood education
- Elementary education
- Emotional disturbances/learning disabilities
- Mental disabilities
- Reading education/language arts
- Rehabilitation services
- Special education
- Visual disabilities

* graduate only
+ limited enrollment

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for the following University degree programs. Specific prerequisites are required for admission into the upper-division programs and must be completed by the student at either a community college or a state university prior to being admitted to these programs. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into these upper-division degree programs:

Elementary Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours, chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature and speech;
   b. A minimum of nine (9) semester hours in mathematics, (MGF, MTG, MAC and STA prefixes only) excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

The only exception to the liberal arts and sciences requirement will be if there is a specific institutional requirement (e.g., a wellness course or a freshman seminar course) for the Associate in Arts (AA) or baccalaureate degree.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Pre-Elementary/Early Childhood Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours, chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature and speech;
   b. A minimum of nine (9) semester hours in mathematics, (MGF, MTG, MAC and STA prefixes only) excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

The only exception to the liberal arts and sciences requirement will be if there is a specific institutional requirement (e.g., a wellness course or a freshman seminar course) for the Associate in Arts (AA) or baccalaureate degree.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.
Education of the Mentally Handicapped
1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours must be chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033 and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

The only exception to the liberal arts and sciences requirement will be if there is a specific institutional requirement (e.g., a wellness course or a freshman seminar course) for the Associate in Arts (AA) or baccalaureate degree.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Education of the Blind and Visually Handicapped
1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours must be chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033 and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

The only exception to the liberal arts and sciences requirement will be if there is a specific institutional requirement (e.g., a wellness course or a freshman seminar course) for the Associate in Arts (AA) or baccalaureate degree.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

EARLY CHILDHOOD EDUCATION

Professor: Wolfgang; Associate Professor: Jones; Assistant Professor: Lake

The primary goal of early childhood (primary) education is to prepare educational leaders who are capable of working with the child, the family, and the community from age three, pre-k, and kindergarten through 3rd grade. Course work and extensive field experiences prepare graduates with specializations appropriate for educating the young child and designing curriculum for young children.

Undergraduate Curriculum in Early Childhood (Primary) Education Leading to a Baccalaureate Degree and Florida Teacher Certification

An undergraduate curriculum is offered for a bachelor of science (BS) degree in early childhood (primary) education with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.
sequenced semester blocks. Students must maintain a cumulative 2.5 GPA or better in all courses completed for the program. All early childhood (primary) education students are assigned to the most appropriate location for student teaching, or to the London program, when available. Please contact the Department of Elementary and Early Childhood Education for a complete listing of course blocks and requirements.

Admission Requirements
Early childhood education is a limited access, limited enrollment program and admission is based on availability of faculty and space. Students planning to enter early childhood education must document their experiences working with a group of young children in settings such as camp counseling, teacher aide, substitute teaching, scouting team leader, swimming instructor, or a setting approved by the program prior to acceptance into the program. The program admits students once a year for the Fall term.

All students are urged to seek advising from the lower division advisers in the Office of Academic Services, 108 Stone Building. All students must complete 1) the Liberal Studies degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin, 2) the State of Florida common prerequisite for Early Childhood majors described earlier in this section, 3) the requirements for admission into a teacher education program described in the “College of Education” chapter of this General Bulletin, 4) a “C” or better in nine (9) semester hours of college English and college math, and 5) make application into the program as follows.

Application Requirements
To be considered for admission into Early Childhood, students must submit an application and the following by March 15th for the Fall semester (an interview may be required following submission of an application). Applicants are selected on the basis of the following criteria: GPA, SAT/ACT and CLAST or General Knowledge Test (exemptions not accepted), relevant experience, and professional promise.

1. Application form (available in 205 Stone Building or call 850-644-5455).
2. Transcript of previous coursework and documentation of test scores (SAT/ACT, CLAST or General Knowledge Test) and GPA;
3. Three (3) references forms (available from the department):
   a. One (1) from someone who taught you in either junior high school, high school or college;
   b. One (1) from someone who has observed you interacting with children;
   c. One (1) of your choice;
4. Essay: your response to Teaching in a Changing World (1 to 2 pages);
5. Checklist of program requirements; and,
6. Documentation of current coursework.

Requirement
Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in Early Childhood Education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

Professional Behaviors and Dispositions: While enrolled in the Early Childhood Education program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgement of a majority of the faculty does not meet the program standards.

Definition of Prefixes
EDG — Education: General
EEC — Education: Early Childhood
LAE — Language Arts and English Education

MAE — Mathematics Education
RED — Reading Education
SCE — Science Education
SSE — Social Studies Education

Undergraduate Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEC 4204</td>
<td>Early Childhood Education Curriculum (3)</td>
<td>The design and implementation of thematic curricula and direct instruction appropriate for children age 3 to grade 3. Microteaching required.</td>
</tr>
<tr>
<td>EEC 4301</td>
<td>Early Childhood Education Foundations (3)</td>
<td>Introductory course to ECE primary education provides a background of ECE theory and research to be used for determining education practices.</td>
</tr>
<tr>
<td>EEC 4303</td>
<td>Expressive Arts for the Young Child (4)</td>
<td>Prerequisites: Block I, LEC/UG Program; Corequisites: Block 2 courses. This course examines the role and value of the arts for the child. It explores developmental trends, appropriate practices, methods, media and curricula.</td>
</tr>
<tr>
<td>EEC 4400</td>
<td>Parents as Teachers (3)</td>
<td>Examination of the need and importance of parental involvement in the education of young children. Includes strategies for promoting home/school interactions.</td>
</tr>
<tr>
<td>EEC 4404</td>
<td>Techniques of Child Study and Authentic Assessment (3)</td>
<td>Investigates and utilizes data collection techniques/instruments to acquire information about young children.</td>
</tr>
<tr>
<td>EEC 4500</td>
<td>Directed Individual Study (1–3)</td>
<td>May be repeated to a maximum of twelve (12) semester hours.</td>
</tr>
<tr>
<td>EEC 4507</td>
<td>Observation and Participation in Early Childhood Education (2–3)</td>
<td>(SU grade only) This course offers students direct experiences with young children, organized in such a way that they have opportunities to put into practice those insights, principles, and understandings gained in the theory courses. May be repeated twice to a maximum of seven (7) semester hours.</td>
</tr>
<tr>
<td>EEC 4503</td>
<td>Special Topics in Early Childhood (2–3)</td>
<td>Current topics in early childhood are studied in depth. May be repeated to a maximum of nine (9) semester hours. May be repeated during the same semester.</td>
</tr>
<tr>
<td>EEC 4505</td>
<td>Early Literacy Learning (3)</td>
<td>Prerequisites: EDF 1005; EGC 2701. This course prepares pre-service teachers to teach beginning reading, targeting the needs of a wide range of learners, including those of varying abilities and from diverse cultures. The content addresses research-based strategies, materials, technology, assessment, classroom management and collaboration with other professionals and parents.</td>
</tr>
<tr>
<td>EEC 4510</td>
<td>Teaching Reading in the Elementary School (3)</td>
<td>Prerequisites: Blocks I and II; Corequisite: Block I. Prerequisites: Block II. Designed to acquaint the prospective reading specialist with methods and materials for teaching the language arts and to introduce a variety of techniques for assessing growth in the area.</td>
</tr>
<tr>
<td>EEC 4513</td>
<td>Teaching Science in the Elementary School (3)</td>
<td>Prerequisites: Blocks I and II; Corequisite: Block III. This course examines the role and value of the arts for the child.</td>
</tr>
<tr>
<td>EEC 4517</td>
<td>Early Childhood Education Foundations (3)</td>
<td>Prerequisites: Blocks I and II; Corequisite: Block II. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.</td>
</tr>
<tr>
<td>EEC 4315</td>
<td>Exploring the Social Sciences (3)</td>
<td>Corequisites: Block 2 courses. This course examines the role and value of the arts for the child. It explores developmental trends, appropriate practices, methods, media and curricula.</td>
</tr>
<tr>
<td>EEC 4313</td>
<td>Expressive Arts (3)</td>
<td>Course Prerequisites: Blocks I and II; Corequisite: Block III. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.</td>
</tr>
<tr>
<td>EEC 4503</td>
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<tr>
<td>EEC 4518</td>
<td>Exploring the Social Sciences (3)</td>
<td>Corequisites: Block 2 courses. This course examines the role and value of the arts for the child. It explores developmental trends, appropriate practices, methods, media and curricula.</td>
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<tr>
<td>EEC 4519</td>
<td>Exploring the Social Sciences (3)</td>
<td>Corequisites: Block 2 courses. This course examines the role and value of the arts for the child. It explores developmental trends, appropriate practices, methods, media and curricula.</td>
</tr>
<tr>
<td>EEC 4520</td>
<td>Exploring the Social Sciences (3)</td>
<td>Corequisites: Block 2 courses. This course examines the role and value of the arts for the child. It explores developmental trends, appropriate practices, methods, media and curricula.</td>
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<tr>
<td>EDG 5208</td>
<td>Foundations of Teaching (3)</td>
<td></td>
</tr>
<tr>
<td>EEC 5263</td>
<td>Thematic Curriculum and Direct Instruction for Young Children (3)</td>
<td></td>
</tr>
<tr>
<td>EEC 5269</td>
<td>Curriculum and Play for Young Children (3)</td>
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<tr>
<td>EEC 5305</td>
<td>Methods and Experiences with Young Children and Families (3)</td>
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<td>EEC 5405</td>
<td>Teachers and Parents: Partners in Education (3)</td>
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<td>EEC 5525</td>
<td>Childrens Centers (3)</td>
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<td>EEC 5605</td>
<td>Techniques of Classroom Management and Child Study (3)</td>
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<td>EEC 5615</td>
<td>Issues and Trends in Early Childhood Education (3)</td>
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<tr>
<td>EEC 5665</td>
<td>Historical and Theoretical Bases of Early Childhood Education (3)</td>
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<td>EEC 5671</td>
<td>Research in Early Childhood Education (3)</td>
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<tr>
<td>EEC 5906</td>
<td>Directed Individual Study (1–3)</td>
<td>(SU grade only.)</td>
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<tr>
<td>EEC 5911</td>
<td>Supervised Research (1–5)</td>
<td>(SU grade only.)</td>
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<td>EEC 5935</td>
<td>Special Topics in Early Childhood Education (3)</td>
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<td>EEC 5942</td>
<td>Supervised Teaching (1–5)</td>
<td>(SU grade only.)</td>
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<td>EEC 5944</td>
<td>Student Teaching in Early Childhood Education (6–10)</td>
<td>(SU grade only.)</td>
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<tr>
<td>EEC 5947</td>
<td>Field Laboratory Internship (1–8)</td>
<td>(SU grade only.)</td>
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<tr>
<td>EEC 6516</td>
<td>Educational Environments for Infants and Toddlers (3)</td>
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<tr>
<td>EEC 6672</td>
<td>Theory and Research in Young Children’s Play Curriculum (3)</td>
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<tr>
<td>EEC 6932</td>
<td>Doctoral Seminar in Early Childhood Education (2)</td>
<td>(SU grade only.)</td>
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<tr>
<td>EDG 5246</td>
<td>Moral Education (3)</td>
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For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
ELEMENTARY EDUCATION

Professor: Flake; Associate Professor: Clark, Rice; Assistant Professor: Lundeen; Service Professor: Hansen; Associates in Elementary Education: Davis (Panama City), Rios (Panama City); Assistants in Elementary Education: Eubanks (Panama City), Fesmire (Panama City).

An undergraduate curriculum is offered leading to a bachelor of science (BS) degree in elementary education with English for Speakers of Other Languages (ESOL) endorsement preparing students to teach grades K through 6. The program is structured as four groups of courses (Fall and Spring) and one Summer. Courses in elementary education are restricted to elementary education majors only. Prospective applicants who already have a bachelor’s degree in another major are encouraged to seek admission to the master’s degree program in elementary education.

Admission Requirements

Elementary education is a limited access, limited enrollment program based on availability of faculty and space. Students planning to enter elementary education must 1) Complete the Liberal Studies requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) Complete the State of Florida common course prerequisites for elementary education majors described earlier in this section; 3) Meet the requirements for admission into a teacher education program described in the “College of Education” chapter of this General Bulletin; 4) Achieve a “C” or better in nine (9) semester hours of college English and college Math; and 5) Make application into the program as follows.

Application Requirements

To be considered for admission into elementary education, students must submit an application and the following any time prior to but not later than March 15 (Fall semester) or October 15 (Spring semester). Applicants are selected on the basis of the following criteria: GPA, SAT/ACT and CLAST or General Knowledge (exemptions not accepted), relevant experience, and professional promise.

1. Application form (available in 205 Stone) or on-line at
http://www.coe.fsu.edu/curricula/program/elementaryed.html;
2. Transcript of previous coursework and documentation of test scores (GPA, SAT/ACT, CLAST, exemptions not accepted).
Test scores must be available at the time of application or the application will not be considered complete;
3. Minimum cumulative GPA of 2.5;
4. Three (3) reference forms (available from the department):
a. One (1) from someone who taught you in your freshman or sophomore year of college;
b. One (1) from someone who has observed you interacting with children; and
c. One (1) of your choice;
5. Typed Essay: your response to Teaching in a Changing World (1 - 2 pages);
6. Checklist of program requirements; and,
7. Documentation of current coursework.

Required Major Courses

Each student preparing to teach elementary education must take ARE 3313C; EDE 3322, 4341, 4326, 4907, 4943; EED 4210, 4430; EEX 4070; 7. Documentation of current coursework.

SA T/ACT and CLAST or General Knowledge (exemptions not accepted),

Program representative. Additionally, five geographical areas of Florida have been designated as regions where students may complete their student teaching in approved teaching centers. The department will provide a list of approved counties for student-teaching placement. The department reserves the right to restrict elementary education students with a GPA of less than 3.25 to the local area.

Honors in the Major

The elementary education program offers honors in the major to encourage talented juniors and seniors to undertake independent research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirement

Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in Elementary Education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

Professional Behaviors and Dispositions: While enrolled in the Elementary Education program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

Definition of Prefixes

CGS—Computer General Studies
EDE—Education: Elementary
LAE—Language Arts and English Education
MAE—Mathematics Education
RED—Reading Education
SCE—Science Education
SEE—Social Studies Education

Undergraduate Courses


EDE 4311. Technology and Learning for Elementary and Middle School (3). Prerequisite: EME 2040 or permission of instructor. Designed to help preprofessional teachers use technology for the development of higher learning skills. Included in the technology content will be animated graphics, scanned pictures, and linked files. Students will be working with students in schools applying concepts from the class. Students will acquire technology skills that will allow them to develop electronic professional portfolios.

EDE 4410. Classroom Management, Legal Issues, Professional Ethics, and School Safety (4). Prerequisites: Semesters I, II, and III. EDF 4430; LAE 3414. Corequisite: EDE 4943; FTCE General Knowledge Exam; FTCE K-6 Subject Area Exam. This course is designed to develop specific concepts and skills in the areas of classroom management (discipline) and professional knowledge required for beginning teachers.

EDE 4905. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

EDE 4907. Directed Field Experience (1–8). (S/U grade only.) Corequisites: Semesters I, II, or III. Participation in a public school classroom with University supervision. May be repeated to a maximum of (8) semester hours to be taken in the following manner: at least one (1) hour in Semester I, one (1) hour in Semester II, and two (2) hours in Semester III.

EDE 4943. Student Teaching in Elementary Education (10). (S/U grade only.) Prerequisites: Semesters I, II, and III. Corequisite: Semester IV.

EDE 4970. Honors Work (3). Open to participants in the elementary education honors program. Up to twelve (12) semester hours of honors work may be taken. Six (6) thesis hours are required. Seminars are optional.


LAE 4314. Language Arts for the Elementary School (3). Prerequisite: Semesters I. Corequisite: Semester I. Designed to acquaint the prospective childhood teacher with effective strategies/materials for teaching the language arts and to introduce a variety of techniques for assessing growth in the area.
MAE 4310. The Teaching of Elementary School Mathematics (3). Prerequisite: Semester I and II; Corequisite: Semester III. Develops specific instructional techniques to maximize success in the child’s learning of mathematics.

MAE 4326. How Children Learn Mathematics (3). Prerequisite: Semester I. Corequisite: Semester II. This course focuses on children’s development of mathematical content and on the development of mathematics curriculum from children’s view points. Technology as a tool for learning mathematics will be included.

RED 4310. Early Literacy Learning (3). Prerequisites: EDF 1005; EDG 2701. This course prepares pre-service teachers to teach beginning reading, targeting the needs of a wide range of learners, including those of varying abilities and from diverse cultures. The content addresses research-based strategies, materials, technology, assessment, classroom management and collaboration with other professionals and parents.

RED 4510. Teaching Reading in the Elementary School (3). Prerequisites: Semester I and II. Corequisite: Semester III. Methods and materials for teaching developmental reading based on holistic reading/language comprehension strategies and skill development.

SCE 4310. Teaching Science in the Elementary School (3). Prerequisites: Semester I and II. Corequisite: Semester III. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.


Graduate Courses

CGS 5112. Using Computer Graphics as an Instructional Tool (3).

CGS 5113. Using Computer Simulation as an Instructional Tool (3).

EDE 5225. The Elementary School, K–6 (3).

EDE 5227. The Integrated Curriculum in the Elementary and Middle School (3).

EDE 5360r. Current Issues and Trends in Elementary Education (3).

EDE 5324. Promoting Thinking in the Elementary School (3).

EDE 5346. Technology in Elementary and Middle School (3).

EDE 5511. Organization for Classroom Instruction in the Elementary School (3).

EDE 5526. Systematic Procedures of Observation (3).

EDE 5906r. Directed Individual Study (1–3). (S/U grade only.)

EDE 5911r. Supervised Research (1–5). (S/U grade only.)

EDU 5311r. Special Topics in Elementary Education (3).

EDU 5940r. Supervised Teaching (1–5). (S/U grade only.)

EDU 6805. Perspectives of Teacher Professional Development (3).

EDU 6835r. Doctoral Seminar in Elementary Education (3). (S/U grade only.)

EDU 6937. Advanced Research Seminar in Elementary Education (3). (S/U grade only.)

EDU 5556. Supervision of Associate Teaching (3). (S/U grade only.)

EDE 5318. The Topics and Teaching of Elementary School Mathematics (4).

EDE 5655. Computers in Mathematics Education (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

READING AND LANGUAGE ARTS

Professors: Palmer, Scott-Simmons; Associate Professor: Piazza; Assistant Professors: Connor, Hudson

Reading education and language arts is a graduate program offering degrees at the master’s, specialist, and doctoral levels. For more information, refer to the Graduate Bulletin. However, the program does offer several undergraduate courses that are part of the teacher education curriculum.

Definition of Prefixes

LAE — Language Arts and English Education
LIS — Library and Information Studies
RED — Reading Education

Undergraduate Courses

RED 4360. Teaching Reading in Middle/Secondary Schools (3). A course designed to introduce prospective teachers to developmental and corrective reading practices. RED 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

Graduate Courses

LAE 5319. Teaching Oral and Written Expression in the Elementary School (3).

LAE 5349. Language and Literacy Development through Storytelling/Storywriting (3).

LAE 5415. Investigation in Children’s Literature (3).

LAE 5515. Language and Literacy Assessment (3).

LAE 5738. Linguistic Research in Language Education (3).

LAE 5931r. Special Topics in Elementary Language and Literature (1–3).

LAE 6746. Theory and Research in Language Education (3).

LIS 5566. Multicultural Literature and Information Resources for Children and Young Adults (3).

LIS 5567. International Literature for Children and Young Adults (3).

RED 5109. The Development and Assessment of Emergent Reading and Writing (3).

RED 5147. Foundations of Developmental Reading (3).

RED 5337. Supervision and Instruction in Secondary School Reading (3).

RED 5385. Teaching Reading to Adult Illiterate (3).

RED 5546. Diagnosis of Reading Disabilities (3).

RED 5548. Correction of Reading Disabilities (3).

RED 5646. Trends and Issues in Reading (3).

RED 5965. Leadership Practicum in Reading and Language Arts (3).

RED 5990r. Directed Individual Study (1–3).

RED 5911r. Supervised Research (1–3). (S/U grade only.)

RED 5945r. Supervised Teaching (1–5). (S/U grade only.)

RED 5947. Seminar and Practicum in Reading and Language Arts (3). (S/U grade only.)

RED 6747. Theory and Research in Reading (3).

RED 6938r. Doctoral Seminar in Reading and Language Arts (1–3). (S/U grade only.)

SPECIAL EDUCATION

Associate Professors: Edwards, Hanline, Lewis, Menchetti; Assistant Professors: Al Otaiba, Correa-Torres, Delano, McKenzie; Visiting Assistants: O’Farrell, Rivera; Courtesy Instructor: L. Jones

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs.

Emotional Disturbance/Learning Disabilities

This degree major is designed to prepare individuals for careers as public school teachers of students with learning disabilities. The program leads to certification in education of students with exceptionalities.

This degree major is a three-year training program that culminates in the simultaneous awarding of the bachelor of science (BS) and master of science (MS) degrees. Students must maintain a 3.0 grade point average (GPA) during the junior/senior years of study or earn a 1000 on the general aptitude section of the Graduate Record Examinations (GRE) in order to be admitted for the third (master’s) year of study.

Mental Disabilities

This degree major is designed to prepare persons for careers as teachers of children and youth with mental disabilities. The teacher is equipped to teach all levels of severity at the elementary and secondary level in public schools, private schools, or in residential facilities.

Visual Disabilities

The objective of the visual disabilities degree major is to prepare specialists to provide services to individuals who are either blind or have low vision. The bachelor’s degree program prepares individuals as 1) classroom teachers; and 2) orientation and mobility specialists. Following graduation, students are employed in a variety of settings that offer services to children and youth with visual impairments.

Early Childhood Special Education Certificate Program

The Early Childhood Special Education (ECSE) Certificate program is appropriate for teachers, physical/occupational specialists, speech and language therapists, nurses, social workers, and other professionals involved in delivering early intervention/education services to young children (birth to five years) and their families. The ECSE Certificate is not intended as a diploma or degree that reflects the requirements of a particular governmental, private, or organizational agency. However, the award of the Certificate is noted on the transcripts of graduates, and individuals earning the ECSE Certificate receive a written certificate.

The ECSE Certificate may be earned by taking eighteen (18) semester hours of coursework related to early childhood special education. Individuals may take the courses for the certificate as a student in the Master’s degree in the Education of Students with Exceptionalities (ESE) program, a student in a Bachelor’s or Master’s degree program in an appropriate discipline, or as an FSU special student. The Pre-Kindergarten Disability Endorsement and/or the Infant/Toddler Developmental Specialist Certificate may be earned in conjunction with the ECSE Certificate. Students must be accepted to Florida State University before being eligible for acceptance into the certificate Program. For more information about Early
Childhood Special Education at Florida State University, please contact Dr. Mary Frances Hanline, Florida State University, 205 Stone Building, Tallahassee, Florida 32306-4459, (850) 644-4880, FAX (850) 644-8715, mhanline@fsu.edu.

Early Childhood and Family Intervention Certificate Program

The Early Childhood and Family Intervention Graduate Certificate will allow the traditional and non-traditional student to earn credit at the Master’s level in order to better promote resilience of infants and young children who are vulnerable, disabled, or at-risk and their families. This program will foster a unique interdisciplinary perspective, linking the social sciences, education, and the healing arts; and promoting the integration of science, policy, and practice in early childhood and family intervention. Certificate holders will be prepared to critically analyze evidence-based research for the derivation of best practices; to assist families in the development of capacity, competence, and confidence to meet their child’s developmental needs through coordinated team-based service in natural settings; and to contribute to public policy development.

Application procedures and deadlines for admission to Florida State University as specified in the General Bulletin Graduate Edition will be followed for students requesting to participate in the certificate program as a special student, a Master’s degree-seeking student, or an advanced undergraduate student seeking admission as a special student. In addition a goal statement and an Early Childhood and Family Intervention certificate program application must be submitted on-line via http://fsu.edu/earlyintervention or via mail to: Dr. Mary Frances Hanline, Coordinator, Early Childhood and Family Intervention Graduate Certificate Program Childhood Education, c/o Reading and Disability Services, 205 Stone Building, Florida State University Tallahassee, Florida 32306-4459.

Applicants will be screened by a committee of certificate program faculty representing at least three different disciplines. Degree-seeking students with senior status, Master’s degree-seeking students, and students en-rolling as a special student will be expected to have maintained a 3.0 or higher grade point average in their upper division coursework at an accredited college or university. Bachelor’s degree studies may include majors in early childhood/special education, early childhood education, child and family development, family life specialist, communications sciences, psychology, social work, or other degree programs with comparable requirements for the discipline. Eighteen (18) semester hours comprise this certificate. Courses must be completed with an earned grade of at least a B. Students will be expected to complete the certificate program within a period of 5 academic calendar years from date of acceptance.

Continuation Requirement

All special education majors must earn a minimum grade of “C–,” “satisfactory,” or “pass” in each required course.

Admission Requirements

1. Students are admitted during each semester.
2. A 2.5 GPA minimum during the freshman and sophomore years is required;
3. Previous experience with individuals with disabilities (for example, volunteer work) is helpful;
4. An interview with program faculty; and,
5. All admission criteria for teacher certification must be met (listed in the “College of Education” chapter of this General Bulletin).

Requirement

Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in Early Childhood Education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

Professional Behaviors and Dispositions: While enrolled in the Visual Disabilities program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgement of a majority of the faculty does not meet the program standards.

REHABILITATION SERVICES

Professor: English; Associate Professors: Burkhead, Ebener; Assistant Professor: Miller

The purpose of the baccalaureate program in rehabilitation services is to provide students with professional knowledge and competencies required of entry-level, direct-service providers in a wide variety of public and private service agencies. Among the kinds of occupations available for graduates are mental health technicians, case managers, psychological aides, behavior specialists, job coaches and advisers, disability-focused assistants, gerontological assistants, drug and alcohol treatment specialists, occupational specialists and correctional specialists.

Admission

New students are admitted in the Fall, Spring, and Summer semesters. Students must complete an interview with the program coordinator and must meet the University requirements for initial admission and/or matriculation from the lower division.

Degree Requirements

The baccalaureate degree in rehabilitation services requires students to complete sixty (60) semester hours at the upper-division level. This curriculum includes nine courses (forty [40] semester hours) in rehabilitation services and seven required electives (twenty [20] semester hours). Rehabilitation core courses include: MHS 4001; RCS 4060, 4081, 4109, 4240, 4300, 4820, 4840; and SDS 4481. The required elective courses consist of completing a minimum of one course in seven knowledge domains that are relevant to rehabilitation. The seven domains include: Assessment; Human Growth and Development; Abnormal Behavior; Family Systems; Self-Management for Wellness; Social Systems and Disciplines; and Organizational Life. A complete and current listing of the menu of choices for satisfying the completion of required elective courses is available through the undergraduate student adviser. A grade of “C” or better is required for satisfactory completion of all program course work.

Minor

A minor is available in rehabilitation services. Courses required for the minor are: RCS 4081, 4109, 4240; and RCS 4300.

Definition of Prefixes

EDG—Education: General
EED—Education: Emotional Disorders
EEX—Education: Exceptional Child-Core Competencies
EGI—Education: Gifted
ELD—Education: Specific Learning Disabilities
EMR—Education: Mental Retardation
EPH—Education: Physical and Multiple Handicapped
EVI—Education: Visually Impaired-Blind
IDS—Interdisciplinary Studies
MHS—Mental Health Services
RCS—Rehabilitation Counseling Services

Undergraduate Courses

EDG 2701. Teaching Diverse Populations (3). Students will acquire an understanding of the complexity and diversity in the American and Florida populations in general and the school and community populations in particular. Students will participate in a field-based experience.

EED 4011. Introduction to the Socially and Emotionally Disturbed (3). Designed to introduce students to the history and evolving trends in providing services for emotionally handicapped children and youths, to investigate theories of causality, and to analyze various approaches for improving academic and social behavior.

EEX 1001. Applied Behavioral Analysis for Special Educators (3). Corequisite: EEX 3820. Introduction to behavioral principles and procedures useful for managing the behavior of students with handicaps. For majors only.
EMR 4804r. Practicum and Seminar in Mental Disabilities (2). This practicum is required each semester prior to student teaching so that students may apply the knowledge and skills they have learned in lecture courses. May be repeated to a maximum of six (6) semester hours.

EMR 4230. Cooperative Education Experience (1). Corequisite: EMR 4121. Prepares future educators with strategies and techniques necessary for determining the mode of reading and for teaching reading and writing skills to students with visual impairments.

EMR 4220. Students with Visual Impairments and Other Disabilities (3). Emphasis is placed on infusing these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4254. Teaching Independent Living Skills to Students with Visual Impairments (3). This course is designed to provide students planning to be teachers of students with visual impairments with the techniques and instructional tools to teach independent living skills, including the skills associated with food preparation, household management, personal grooming, clothing care, and health management.

EMR 4231. Inclusive Practices in the Public School Classroom (3). Prerequisites: EMR 4211, 4212, 4213. Preparing future educators to teach students with visual impairments in inclusive settings requires knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4240. Cooperative Education Experience (1). Corequisite: EMR 4121. Prepares future educators with strategies and techniques necessary for determining the mode of reading and for teaching reading and writing skills to students with visual impairments.

EMR 4211. Orientation and Mobility (3). Introduces prospective teachers of students with visual impairments, orientation and mobility specialists, and rehabilitation teachers to the anatomy and physiology of the human eye, the visual mechanism, its embryologic development, and various eye pathologies. Particular emphasis is placed on the impact of these eye pathologies on the visual functioning of the individual.

EMR 4211. Literature and Fine Arts (3). In this course, students will develop skills in the preparation of literature materials for classroom use. May be repeated to a maximum of twelve (12) semester hours.

EMR 4202. Pre-Student Teaching Seminar (1). Prerequisite: EMR 4211. Preparing for the transition from student to professional, lays the groundwork for the culminating activity of student teaching, and acquaints the professionals with the role and responsibilities of the field of exceptional student education.

EMR 4200. Practicum in Special Education (2). Designed to provide students with the knowledge and skills to include students with disabilities in the general education curriculum by adapting instruction and assessment procedures to the individual student.

EMR 4191. Practicum in Mental Disabilities (3). Designed to provide students with the knowledge and skills to include students with disabilities in the general education curriculum by adapting instruction and assessment procedures to the individual student.

EMR 4184. Practicum in Special Education (3). Designed to provide students with the knowledge and skills to include students with disabilities in the general education curriculum by adapting instruction and assessment procedures to the individual student.

EMR 4181. Practicum in Early Childhood Education (12). Designed to provide students with the knowledge and skills necessary to manage the successful integration of students with visual impairments into the general education environment. Legal, ethical, and safety issues related to the educational transition of students with visual impairments are explored. In addition, students are assisted as they prepare for their student teaching experience.

EMR 4170. Practicum in Special Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4164. Practicum in Special Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4150. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4141. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4131. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4121. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4111. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4101. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4100. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4091. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4081. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4071. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4061. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4051. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4041. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4031. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4021. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4011. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 4001. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 3901. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 3801. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EMR 3701. Practicum in Exceptional Education (3). Designed to provide students with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.
This course provides an understanding of disability in Western culture (3). This course covers definitions of disability, historical and current cultural views, implications of disability for daily life.

RCS 3091 Survey of Life Span Development: Preventive and Interventional Strategies for People with Normal or Abnormal Development, Disabilities, or Disease (4). Course examines the human development, both normal and abnormal of an individual across the entire age span, from psychomotor, cognitive and affective perspectives. Special emphasis is placed on the adolescent, young, old age, middle adulthood and late adulthood developmental stages of life.

RCS 4039 Helping Strategies and Case Management in Rehabilitation (3). Training in basic interviewing techniques and case management skills in rehabilitation. Includes case recording, ecological assessment, individual treatment planning, crisis intervention, referral and interdisciplinary collaboration.

RCS 4060 Psychosocial Aspects of Diversity (4). Examines the psychological and social factors related to adjustment and diverse populations, including minorities, women, persons with disabilities and other adults.

RCS 4081 Medical Aspects of Disability and Chronic Illness (3). An introduction to the structure of medicine in the United States. A survey of medical specialties and terminology; a survey of body systems, common malfunctions, therapeutic services, and restorative techniques.

RCS 4240 Psychosocial Aspects of Rehabilitation (3). An overview of the psychological and social factors related to the adjustment or adaptation to a disability and to the provision of rehabilitation services. The relationship between disability and culture will also be explored.

RCS 4300 Vocational Aspects of Rehabilitation (3). Theories, methods, and practices of career development, utilizing occupational information and labor market trends, understanding of requirements and characteristics of a variety of occupations, job analysis, and job modification and restructuring.

RCS 4820r Internship in Rehabilitation Services (7–15). (SU grade only.) Prerequisite: permission of adviser. Full or half semester internship in a human services setting. May be repeated for a maximum of fifteen (15) semester hours.

RCS 4840 Field Experience in Rehabilitation (3). (SU grade only.) Prerequisite: Adviser permission. Supervised clinical practice in a rehabilitation agency or community service organization. Duties are in activities like interviewing, assessment, case management, service coordination, teaching and coaching of life skills.

RCS 4930r Special Topics in Rehabilitation Counseling (1–4). Special topics in rehabilitation counseling are studied in depth. May be repeated for a maximum of twelve (12) semester hours.

Graduate Courses

EED 5223 Advanced Study of Emotional Disturbance (3).

EED 5320 Advanced Teaching Methods for Emotional Disturbances (3).

EED 5941 Practicum in Emotional Disturbance/Learning Disability (3).

EEX 5017 Typical and Atypical Early Development (3).

EEX 5089 Adaptations and Accommodations for Learners with Disabilities (3).

EEX 5234 Development and Assessment of Individuals with Severe Disabilities (3).

EEX 5235 Instructional Environments: Ethical, Legal, Safety, and Classroom Management Considerations (3).

EEX 5237 Methods for Teaching Students with Low Incidence Disabilities (3).

EEX 5245 Introduction to Special Education Technology (3).

EEX 5248 Positive Behavior Support (3).

EEX 5258 Advanced Reading Instruction for Students with Disabilities (3).

EEX 5285r Seminar in Transition (3).

EEX 5286 Preparing Individuals for Transition (3).

EEX 5298 Teaching Students with Autism (3).

EEX 5455 Assessment and Methods in Early Childhood Special Education (3).

EEX 5456 Program Development for Young Children with Disabilities (3).

EEX 5521 Leadership Skills in Exceptional Education (3).

EEX 5708 Teaming with Families, Schools and the Community (3).

EEX 5740 Cognitive and Social Implications of Maltreatment of Students with Exceptional Needs (3).

EEX 5774 Collaborative Transition and Career Planning for Students with Severe or Profound Disabilities (3).

EEX 5836 Practicum with Students with Autism Spectrum Disorder (1–3).

EEX 5841r Field Laboratory Internship (1–2). (SU grade only.)

EEX 5844r Leadership Practicum in Special Education (3).

EEX 5866 Supervised Teaching (1–4). (SU grade only.)

EEX 5906 Directed Individual Study (1–3).

EEX 5911r Supervised Research (1–4). (SU grade only.)

EEX 5920r Pre-Student Teaching Seminar (1). (SU grade only.)

EEX 5931r Special Topics in Special Education (1–3).

EEX 5940r Practicum in Early Childhood Special Education (3).

EEX 5943r Practicum in Transition (3).

EEX 630r Seminar: Research Problems in Special Education (1). (SU grade only.)

EEX 6306 Design and Preparation of Research in Special Education (3).

EEX 6341 Critical Review of Special Education Research (3).

EEX 6342 Seminar: Readings in Education, Training, and Treatment of Exceptional Individuals (3).

EEX 6426 Research and Practices in Special Education Personnel Development (3).
Department of CIVIL AND ENVIRONMENTAL ENGINEERING

FAMU—FSU COLLEGE OF ENGINEERING

Chair: Kamal S. Tawfiq. Professors: Niajji, Ping, Wekezer, Yazdania; Associate Professors: Abdullah, Huang, Leszczynska, Mtenga, Mussa, Sobanjo, Spanhouri, Assistant Professors: Abdel Razig, Abichou, Chan, Chen, Hilton.

The Department of Civil and Environmental Engineering has the mission of teaching the fundamentals of civil engineering science, analysis, design, and management in order to empower students to assume careers as professional engineers, to conduct research, and to apply their knowledge and skills to the solution of environmental problems. The program is designed to provide students with the knowledge and skills necessary for the practice of civil engineering.

Opportunities and Facilities

Many opportunities exist in the field of civil engineering that encompass planning, designing, and managing a variety of projects. Your work could be on site at a project or at a computer work station. Civil and environmental engineers often find themselves involved in many of the public work projects funded by federal, state, and municipal governments, as well as projects undertaken by the private sector. As a structural engineer, you might analyze and design structures out of steel, concrete, aluminum, timber, plastic and other new materials that are able to support required loads and withstand natural disasters. An environmental engineer, with a background in either physical, chemical, or biological sciences, helps to prevent and solve environmental problems. Engineers in the geotechnical realm apply technology, field test information, and laboratory analyses related to mechanics and mathematics to create the infrastructure facilities within and on top of the earth. The structure and stabilization of soils determine how and where to construct tunnels, pipelines, and deep foundations as well as highways and other buildings. In hydraulic and water resources engineering, you might design, construct or maintain facilities related to the quality and quantity of water, flood prevention, wastewater treatment, and water front erosion protection. As a professional in transportation engineering, your purpose is to move people and things in a safe and efficient manner locally and through mass transportation systems. Transportation facilities include highways, airfields, railroads, and sea ports. Several courses are also offered in construction engineering.

Instructional equipment includes the MTS structures and material testing systems with computer control for data acquisition and analysis, triaxial, CBR, and shear testing equipment and seismographs for in situ and laboratory measurements of engineering properties of soils and rocks; and a self-contained glass-sided tilting flume for investigations of flow phenomena and sediment transport. A complete stand-alone automated data acquisition and analysis system is available for undergraduate student laboratory work and research. A fully equipped water quality testing lab as well as portable field testing kits are used both for classroom teaching as well as for student research and design projects.

Students have access to a large number and variety of computer systems. A network of nearly 700 computing devices is available for the academic and research efforts of the college.

The department houses the Crashworthiness and Impact Analysis Laboratory, which is a well equipped state-of-the-art, high-performance computing environment for the pursuit of transportation-related research. The equipment includes a Silicon Graphics Origin 2000 technical server with sixteen parallel processors, and a cluster of workstations for fast visualization, and pre- and post- processing. This advanced computing environment is available primarily to graduate students working as research assistants with departmental faculty. The college computers are connected to a high-speed, switched, fiber-optic LAN and to the Internet via The Florida State University connection to the NSF v BNS network. Desktop computers are supported by a cluster of Sun, DEC, and SGI servers. Other nearby resources include the School of Computational Science and High-Performance Technology (CSIT). Additional information about the department can be obtained from the college home page: http://www.eng.fsu.edu.

Programs Offered

The department offers a program of study for the bachelor of science (BS) degree in civil engineering. The civil engineering major is broad-based emphasizing all aspects of civil engineering practice including structural analysis and design, geotechnical, construction/transportation, hydraulic and water resources, and environmental engineering. Within the civil engineering program, the environmental engineering major is a course of study that focuses primarily on environmental engineering, hydraulics, hydrology, water resources, and the management of all types of wastewater systems. Regardless of focus, all students are taught to apply state-of-the-art technologies to the solutions of problems in these areas.

The department offers graduate programs leading to the master of science (MS) and doctoral (PhD) degrees in civil engineering. These programs provide areas of concentration in structural, geotechnical, environmental/water resources, and construction/transportation engineering. The department also offers a certificate in water and environmental resources engineering in partnership with the Center for Professional Development. Students may enroll as special students if they intend to use the certificate credits later. Students who do not wish to receive academic credit may sign up for continuing education units (CEU’s). Twelve (12) semester hours are required to complete the program. Information and registration may be found at http://www.eng.fsu.edu/certificateprogram/. In order to be admitted to the MS program, a student must have a bachelor’s degree in civil engineering, a 3.0 grade point average (GPA) in the last two years of undergraduate school, and a Graduate Record Examination (GRE) score of at least 1000. Exceptions may be granted where other evidence indicates an ability to perform satisfactory graduate work. A student without a bachelor’s degree in civil engineering may be required to complete undergraduate engineering articulation courses prior to attempting more advanced work. Admission to the doctoral program requires possession of a master’s degree in civil or environmental engineering or a closely allied academic discipline from an accredited college or university, good standing in the academic institution last attended, evidence of a 3.0 GPA on a 4.0 scale as an upper level undergraduate or graduate student, and a minimum score of 1100 on the GRE. Exceptional applicants with a BS degree may be admitted to the PhD program, provided they complete an MS degree in the department before obtaining the PhD degree. For more details, refer to the Graduate Bulletin.

Department Educational Objectives

Upon completion of their course of study, graduates of the program in civil engineering are expected to accomplish following:

1. Progress in successful professional careers in civil, environmental or related engineering fields, or intent to continue their studies at the graduate level;
2. Engage in design or management issues, both professional activities needed by society, which are based on sound academic knowledge, gained management, oral and written communication and leadership skills, and on engineering practices;
3. Become recognized professional engineers with a demonstrated commitment to life-long learning and continuous self-improvement in order to respond to the rapid pace of change in the profession of civil and environmental engineering; and
4. Contribute to work force diversity as members and leaders of inter/multi-disciplinary teams.

Student Outcomes

These objectives are further expanded and detailed through twelve student outcomes. From several interchangeable, existing terms such as student outcomes, program outcomes, graduate outcomes and graduate attributes the department elected to use the term “student outcomes.” The student outcomes are intellectual abilities that each student must gain from the program before he/she graduates. The following student outcomes below are closely linked to departmental objectives:

a. An ability to apply knowledge of the following: mathematics, through differential equations and probability and statistics; science, including calculus-based physics and general chemistry; and engineering, to subsequent problems;
b. An ability to design and conduct field and laboratory experiments, as well as to critically analyze and interpret data in more than one of the recognized civil engineering areas;
c. An ability to design systems, components, or processes gained through design experiences integrated throughout the curriculum;

d. An ability to function on interdisciplinary and multidisciplinary teams;

e. An ability to identify, formulate, and solve civil and environmental engineering problems;

f. An understanding of ethical and professional practice issues, including project design, execution, and delivery; and the importance of professional licensure and continuing education;

g. An ability to communicate effectively;

h. The broad education necessary to understand the impact of engineering solutions in a global/societal context;

i. A recognition of the need for and an ability to engage in lifelong learning;

j. Knowledge of contemporary civil and/or environmental issues;

k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice; and,

l. Proficiency in a minimum of four recognized areas within the civil engineering program.

Engineering Design

Following engineering design criteria established by the Accreditation Board for Engineering and Technology (ABET), the civil engineering curricula provides excellent design experiences for students. Faculty of the Department of Civil and Environmental Engineering have carefully integrated design components into the curriculum with increased complexity as students progress toward graduation. These design components offer opportunities for students to work individually and in teams on meaningful engineering design experiences building upon the fundamental concepts of mathematics, basic sciences, humanities, social sciences, engineering topics, and oral and written communication skills. Design components in engineering course work help students develop an appreciation for and apply the knowledge of the wide variety of courses they have studied. Consequently, they participate in meaningful solutions and effective design development for practical engineering problems.

Beginning with an introductory course EGN 1004L, First Year Engineering Laboratory in the freshman year, design components are integrated in the curriculum with a focus on professional practice. A majority of the design experiences are integrated into junior and senior level courses. For example, design experience is expanded in the civil engineering curriculum when students have completed EGM 3512, Engineering Mechanics, and progress to EGN 3331, Strength of Materials, then to CES 3100, Structural Analysis I. Students are exposed to extensive design experiences in CES 4702, Concrete Design and CES 4605, Steel Design courses.

A major in environmental engineering includes ENV 4001, Environmental Engineering, which builds on material covered in EES 3040, Introduction to Environmental Engineering Science, CWR 3201, Hydraulic, and is followed by CWR 4202, Hydraulic Engineering I and CWR 4101, Engineering Hydrology. CEG 4800, Pre-Senior Design and Professional Issues, and CGN 4802, Civil Engineering Senior Design Project, provide significant, culminating design experiences that are applied to one or two actual engineering situations for students, who are working in multidisciplinary teams and majoring in either civil or environmental engineering.

Additional information about design credits may be obtained by contacting faculty advisers at the Department of Civil and Environmental Engineering and from department brochures.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101;
2. ENC X102;
3. MAC X311*;
4. MAC X312*;
5. MAC X313*;
6. MAP X302;
7. CHM X045/X045L*;
8. PHV X048/X048L;
9. PHV X049/X049L;
10. Six (6) semester hours in humanities;
11. Six (6) semester hours in social science;
12. Three (3) additional semester hours in humanities or social science.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for the Bachelor of Science in Civil Engineering: Civil Engineering Major

In addition to college requirements, a candidate for the BS degree in civil engineering will be expected to successfully complete the following requirements:

Mathematics and Basic Engineering Sciences

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CCE 3101</td>
<td>Construction Materials (3)</td>
</tr>
<tr>
<td>CCE 3101L</td>
<td>Construction Materials Lab (1)</td>
</tr>
<tr>
<td>CEG 2202C</td>
<td>Site Investigation (3)</td>
</tr>
<tr>
<td>CGN 2327L</td>
<td>Civil Engineering Graphic Lab (1)</td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics (4)</td>
</tr>
<tr>
<td>EGN 1004L</td>
<td>First Year Engineering Lab (1)*</td>
</tr>
<tr>
<td>EGN 2123</td>
<td>Computer Graphics for Engineers (2)</td>
</tr>
<tr>
<td>EGN 2212</td>
<td>Engineering Statistics and Computation (3)</td>
</tr>
<tr>
<td>EGN 3331</td>
<td>Strength of Materials (3)</td>
</tr>
<tr>
<td>EGN 3331L</td>
<td>Strength of Materials Lab (1)</td>
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<tr>
<td>EGN 3613</td>
<td>Principles of Engineering Economy (2)</td>
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<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering (3)</td>
</tr>
<tr>
<td>EML 3100</td>
<td>Thermodynamics (2)</td>
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Civil Engineering Science and Design Core Courses (Breadth)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>CEG 3011</td>
<td>Soil Mechanics (3)</td>
</tr>
<tr>
<td>CEG 3011L</td>
<td>Soil Mechanics Lab (1)</td>
</tr>
<tr>
<td>CES 3100</td>
<td>Structural Analysis (3)</td>
</tr>
<tr>
<td>CWR 3201</td>
<td>Hydraulics (3)</td>
</tr>
<tr>
<td>CWR 3201L</td>
<td>Hydraulics Lab (1)</td>
</tr>
<tr>
<td>EES 3040</td>
<td>Introduction to Environmental Engineering Science (3)</td>
</tr>
<tr>
<td>EES 3040L</td>
<td>Introduction to Environmental Engineering Science Lab (1)</td>
</tr>
<tr>
<td>TTE 3004</td>
<td>Transportation Engineering (3)</td>
</tr>
</tbody>
</table>

Civil Engineering Science and Design Proficiency Courses (Depth)

Each area consists of a two-course sequence. Students must take the first three areas and may choose area 4 or 5 for a total of 4 out of 5 proficiency areas (or 24 out of 30 possible credits). Students may choose from the following:


1. Structures
   - CES 4605 | Steel Design or CES 4702 Concrete Design (3)
   - CES XXXX | Structures elective (3) (may be either CES 4605, CES 4702, or another CES course)

2. Geotechnical
   - CEG 4801 | Geotechnical Design (3)
   - CEG XXXX | Geotechnical elective (3)

3. Construction and Transportation
   - CCE XXXX | Construction elective (3)
   - TTE XXXX | Transportation elective (3)

4. Environmental
   - ENV 4001 | Environmental Engineering (3)
   - ENV XXXX | Environmental elective (3)

5. Water Resources
   - CWR 4202 | Hydraulic Engineering I (3)
   - CWR XXXX | Water Resources, Hydraulics or Hydrology elective (3)
Major Design Experience
CNG 4800 Pre-senior Design and Professional Issues (1)
CNG 4802 Senior Design Project (3)

Civil Engineering Electives
To meet the proficiency requirement, students will select courses to supplement the required civil engineering proficiency courses and to specialize their degree program to suit their individual objectives. Each student majoring in civil engineering is required to complete a total of four or five courses or twelve to fifteen (12–15) semester hours of electives. Please check with the department for a list of elective courses.

Requirements for the Bachelor of Science in Civil Engineering: Environmental Engineering Major
In addition to college requirements, a candidate for the BS degree in civil engineering with a major in environmental engineering will be expected to successfully complete the following course requirements.

Mathematics and Basic Engineering Sciences
CEG 2202C Site Investigation (3)
CGN 2327L Civil Engineering Graphic Lab (1)
EES 2205C Environmental Engineering Chemistry (4)
EES 3040 Introduction to Environmental Engineering Science (3)
EES 3040L Introduction to Environmental Engineering Science Lab (1)
EGN 3512 Engineering Mechanics (4)
EGN 1004L First Year Engineering Lab (1)*
EGN 2123 Computer Graphics for Engineers (2)
EGN 2212 Engineering Statistics and Computation (3)
EGN 3331 Strength of Materials (3)
EGN 3613 Principles of Engineering Economy (2)
EEL 3003 Introduction to Electrical Engineering (3)

Environmental Engineering Science and Design Core Courses (Breadth)
CEG 3011 Soil Mechanics (3)
CEG 3011L Soil Mechanics Laboratory (1)
CWR 3201 Hydraulics (3)
CWR 3201L Hydraulics Laboratory (1)
ENV 4001 Environmental Engineering (3)
ENV 4611 Environmental Impact Analysis (3) or approved substitution
TTE 3004 Transportation Engineering (3)

Environmental Engineering Science and Design Proficiency Courses (Depth)
Students are required to take all four proficiency areas for a total of twenty-four (24) semester hours: 1. Environmental; 2. Water Resources; 3. Geotechnical; 4. Construction and Transportation
1. Environmental
ENV 4561 Design of Water Quality Management Facilities (3)
ENV XXX Environmental Engineering elective (3)
2. Water Resources
CWR 4101 Engineering Hydrology (3)
CWR XXX Water Resources, Hydraulics or Hydrology elective (3)
3. Geotechnical
CEG 4701 Environmental Geotechnics (3)
CEG 4801 Geotechnical Design (3)
ENV 4341 Solid and Hazardous Waste Management (3)
4. Construction and Transportation
CCE 3101 Construction Materials (optional lab) (3)
TTE XXX Transportation elective (3)

Environmental Engineering Electives
As indicated above, students will select courses to meet the required environmental engineering proficiency courses and to specialize their degree program to suit their individual objectives. Each student majoring in environmental engineering is required to complete a total of three courses or nine (9) semester hours of electives. Please check with the department for a list of elective courses.

Department Requirements
Transfer students and students within the program in civil engineering must achieve a grade of “C” or better in Calculus I (MAC 2311 [4]), Calculus II (MAC 2312 [4]), Physics I (PHY 2048C [5]) and Chemistry I (CHM 1045 [4], CHM 1045L [1]) prior to enrolling in any upper-level civil and environmental engineering classes. Students who do not meet this requirement may be directed to take additional academic work. A maximum of one repeat of each course is allowed in meeting this requirement. Students also must adhere to the policies set by the College of Engineering. Students must achieve a grade of “C−” or better in all transfer courses and in all courses that are prerequisites to any required or elective engineering course. In addition, students are required to earn a “C−” or better in all engineering courses without any waiver as a graduation requirement. These courses cover the areas of mathematics and basic design, basic engineering science and design, civil engineering science and design, environmental engineering science and design, proficiency and core courses, and electives.

All undergraduate students are encouraged to take the Fundamentals of Engineering (FE) exam in the civil engineering discipline during their senior year.

Oral Communication Competency
If the following three courses are taken in the listed sequence, the Oral Communication Competency requirement as defined in the “Undergraduate Degree Requirements” section of this Bulletin will be satisfied.
EES 3040 Introduction to Environmental Engineering Science
CNG 4800 Pre-Senior Design and Professional Issues
CNG 4802 Senior Design Project

Definition of Prefixes
CCE—Civil Construction Engineering
CEG—Civil Geotechnical Engineering
CES—Civil Engineering Structures
CGN—Civil Engineering
CWR—Civil Water Resources
EES—Environmental Engineering Science
EGN—Engineering: General
ENV—Engineering: Environmental
TTE—Transportation Engineering

Undergraduate Courses
CCE 3101. Construction Materials (3). Prerequisite: EGN 3331. Properties and characteristics of construction materials for civil and highway engineering; metals, aggregates, cements, timber, concrete, and asphalt. Lab and field testing techniques are included.
CCE 3101L. Construction Materials Laboratory (1). Prerequisite or Corequisite: CCE 3101. Prepare concrete and asphalt specimens; test construction materials under compression, tension, torsion loading. Write formal laboratory reports.
CCE 4004. Construction Planning and Scheduling (3). Prerequisites: CCE 3101; EGN 3613. Theories, principles, and applications of engineering professionalism and ethics. Emphasis on predesign, planning, scheduling, contracts and specification, construction methods, and equipment safety.
CCE 4014. Construction Cost Estimating (3). Prerequisites: CCE 3101; EGN 3613. Corequisite: CCE 4004. Construction contracts, organization and cost accounting systems; preliminary cost estimation, and cost indices; estimating material, labor, and equipment costs; construction bidding practices, and bid proposals; and project budgeting and cost systems.
CCE 4021. Construction Science and Technology (3). Prerequisites: CCE 4004. Planning, basic arrow diagramming, basic precedence diagramming, establishing activity duration, scheduling computations, bar charts, project controls, overlapping networks, resource leveling, and program evaluation review technique (PERT).
CCE 2202C. Site Investigation (3). Prerequisite: MAC 1114. Methods and procedures of surface mapping and subsurface sectioning including distance measurements, traverse computations and topographic mapping, photogrammetry, data collection, landform and terrain analysis, field instrumentation, and characterization of geologic materials. Use of field equipment and procedures to measure angles and distance, photo interpretation, and geological materials characterization.
Prerequisites: CEG 2202C; EGN 3331. Study of physical properties of soils and their behavior under stress and strain with idealized conditions. Use of laboratory methods to determine soil properties. Written formal reports are required.

CEG 3011. Soil Mechanics (3). Prerequisite: CEG 2202C; EGN 3331. Study of physical and mechanical properties of different types of soils using laboratory and field testing techniques. Write formal report on experiments.


CEG 4801. Geotechnical Design (3). Prerequisites: CEG 2202C, 3011. Design different geotechnical structures including shallow foundations, slopes and embankments, and earthenwork with geosynthetics. Determine soil properties in the laboratory and write formal reports.

CSES 3100. Structural Analysis I (3). Prerequisite: EGM 3512. Corequisite: EGN 2212. Design of reinforced concrete structures. Topics include principles of statics, design of reinforced concrete structures, and structural design. Applicable to structures such as bridges and buildings.


CSES 4605. Steel Design (3). Prerequisite: CSES 3100; EGN 3331. Design of tension, compression, and flexural steel members according to AISC specifications. Bolted and welded connections for steel members. Choice between design alternatives, introduction of plastic design methodology.

CSES 4702. Concrete Design (3). Prerequisite: CSES 3100; EGN 3331. Design of reinforced concrete beams, columns, one-way slabs, etc., for bending, shear, deflection, cracking and bond. As part of this class, students will learn computer and oral communication skills relevant to concrete design.

CSES 4704. Advanced Concrete Design (3). Prerequisites: CSES 3100, 4702; EGN 3331. Advanced topics pertaining to complex reinforced concrete elements and structures. The analysis and design for torsion, slender columns, two-way slabs, shear walls, deep beams, and the truss analogy.


CSES 4800. Pre-senior Design (4). Prerequisite: CSES 3100. Design of basic timber structures such as beams, columns, walls and diaphragms. IBC and the NDS specification are used.

CSES 4830. Masonry Design (3). Prerequisite: CSES 3100. Design of basic reinforced masonry structures such as walls, columns, and foundations. SBC and code applications used.

CSES 4237L. Civil Engineering Computer Graphic Lab (1). Prerequisite: CSES 2123. Lab section for the Computer Graphics for Engineers general course; provides hands-on experience in utilizing the latest version of AutoCAD and MicroStation for technical drawing typical of the design projects in civil and environmental engineering.

CSES 4349R. Cooperative Work Experience I (0). (S/U grade only). Field work in an approved civil engineering agency program for integration of theory and professional practice.

CSES 4800. Pre-senior Design and Professional Issues (1). Prerequisite: senior standing. Topics in this course include engineering and professional ethics; professional practice issues; and management and engineering. Students prepare and present proposals for multidisciplinary design projects that are completed the following semester in CSES 4802, Senior Design Project.

CSES 4802. Senior Design Project (3). Prerequisites: CSES 4800; student must have senior standing. Course covers all basic, core, and proficiency courses and have approval of their adviser as well as permission of the instructor. A capstone senior-level design course integrating the knowledge gained in undergraduate studies. Completion of a team-based design project covering several sub-disciplines in civil or environmental engineering. Industry and professional participation.

CSES 4930R. Special Topics (1–3). Topics in civil and environmental engineering with an emphasis on recent developments. Topics and credit may vary. May be repeated to a maximum of twelve (12) semester hours.

CWR 2301L. Hydraulics I (3). Prerequisites: EGM 3512; EGN 2212; MAP 3305. Fundamental concepts of fluid properties, hydrostatics, kinematics, ideal flow viscous effects, transport phenomena, drag, laminar, and turbulent flow in pipes and channels, dimensional analysis, network design.

CWR 2301L. Hydraulics Laboratory (1). Prerequisites: EGM 3512; EGN 2212; MAP 3305. Corequisite: CWR 3201. Participation in hydraulics experiments and demonstrations and reporting experimental results in formal technical reports.

CWR 4101. Water Resources Engineering (3). Prerequisites: CWR 4202; EGN 2212. Systems analysis and management of water resources systems; application of systems analysis of water resources operations, design, and planning.

CWR 4120. Groundwater Hydrology (3). Prerequisites: CWR 3201; EES 3040. This course examines the fundamentals of groundwater flow and contaminant transport. Topics include: Flow in aquifers, mass conservation, hydraulic conductivity and anisotropy, storage properties, 3-D equation of groundwater flow, regional circulation, unsaturated flow, recharge, stream-aquifer interaction, well hydraulics, slug test analyses and contaminant transport processes.

CWR 4202. Hydraulic Engineering I (3). Prerequisites: CWR 3201, 3201L; EGN 2212; or their equivalents. Review principles of hydrology and hydraulics. Apply principles to design of water supply, urban drainage, flood control, and hydraulic energy conversion systems. Computer-aided design of hydraulic systems.
Prerequisite: TTE 3004.

Nature, characteristics, and methods and perspectives. The department values the interdisciplinarity of the classics and strives to achieve an integrated understanding of the classical past at the same time as it welcomes and encourages innovative research and teaching. The department seeks to render aspects of the classical world alien and sometimes how recent innovations and transformations of received assumptions within the context of the traditional humanities as well as in terms of the Greco-Roman world pervades every western and many non-western cultures. The influence of the art, languages, literatures and cultures of the Greeks and Romans is no exception. A meaningful appreciation of our classical past is vital both for understanding the impressive continuity of western institutions and values as well as for recognizing how recent innovations and transformations of received assumptions have rendered aspects of the classical world alien and sometimes exceptional. The classics are crucial both to the perpetuation and to the critique of the western liberal arts education.

The Department of Classics is committed to advancing our knowledge and critical appreciation of the ancient Mediterranean world through excellence in research and in teaching. The department seeks to create an atmosphere that fosters traditional scholarly approaches to the classical past at the same time as it welcomes and encourages innovative methods and perspectives. The department values the interdisciplinarity of the classics and strives to achieve an integrated understanding of the ancient world that includes a full appreciation of history, literature, and material culture. Students are encouraged to view the classics within the context of the traditional humanities as well as in terms of the contemporary criticism of received cultural canons.

All courses in classics emphasize critical thinking, careful analysis and effective speaking and writing skills. Some who major in classics will go on to academic careers as philologists or archaeologists. Others will become teachers in the schools or specialists in museum work. But most classics majors find that their broad liberal arts background is excellent preparation for pursuing careers in the learned professions, such as government, journalism or law.

In addition to offering instruction to majors, the department participates in the University’s Liberal Studies Program and offers innovative courses that satisfy the University’s multicultural requirement. Courses in beginning Greek or Latin can be used to fulfill the language requirement of the College of Arts and Sciences.

The faculty in classics is distinguished in teaching and research. Several members of the faculty have received University and national teaching awards. Individual faculty members have also won numerous competitive grants. The department boasts special strengths in ancient literacy criticism, the archaeology of Greece and Italy, the political and social history of Athens and of Rome, Greek religion, and ancient sexuality and gender studies.

Majors and elective students alike will find many intellectual opportunities in the classics department. There is an active chapter of Eta Sigma Phi (the classics honor society) and a vigorous Student Archaeology Club. The department conducts its own archaeological field school in conjunction with its excavation of the Etruscan/Roman site of Cetamura del Chianti in Italy, application to which is open field school in conjunction with its excavation of the Etruscan/Roman site of Cetamura del Chianti in Italy, application to which is open.
program in classical civilization (see below), but students who intend to pursue postgraduate research in ancient history, classical archaeology or philology will need to enter more specific programs of study. There is also a joint major in classics and religion.

State of Florida Common Course Prerequisites
The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Classics and Classical Language
Six to twelve (6–12) semester hours of coursework in classics or a demonstration of proficiency by testing or completion of intermediate level.

Greek, Classical
Six to twelve (6–12) semester hours of coursework in Greek or a demonstration of proficiency by testing or completion of intermediate level.

Latin
Six to twelve (6–12) semester hours of coursework in Latin or a demonstration of proficiency by testing or completion of intermediate level.

Requirements for a Major in Classics
Students should review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. No course for which a student receives a grade of “C–” or lower may be counted toward satisfaction of major requirements. In addition, courses used to satisfy the college foreign language requirement may not be counted toward satisfaction of any major requirements. Interested students should consult with the undergraduate adviser as early as possible to choose a course of study best suited to their needs and goals.

All students are required to complete an exit survey for both the department and the College of Arts and Sciences during the term in which they graduate.

Latin
Twenty-four (24) semester hours above the 1000 level. Two courses at the 3000 level are required from among LNW 3211r, 3323r, and 4340r, along with six (6) additional semester hours at the 4000 level. At the discretion of the adviser, up to four (4) semester hours of Greek or classical civilization may be counted toward this major. Students working toward secondary school certification may have other requirements as well.

Greek
Thirty (30) semester hours chosen in consultation with the departmental adviser. This program will normally include GRE 1120 and 1121.

Classics: Program A (Latin and Greek)
Thirty (30) semester hours in Greek and Latin chosen in consultation with the departmental adviser. At least twelve (12) semester hours are required in each language. The student must take 4000 level courses in at least one of the languages. If secondary school certification is sought in connection with this program, the major must include twenty-four (24) semester hours of Latin.

Classics: Program B (Classical Civilization)
Thirty (30) semester hours chosen in consultation with the departmental adviser. Students must take at least twelve (12) semester hours at the 4000 level, normally to include CLA 4935r. These hours may be selected from any of the courses listed below. No more than twelve (12) semester hours of Latin and Greek may be counted. Students are strongly encouraged to take some courses in the Greek or Latin language. Courses used to satisfy the college foreign language requirement, however, may not be counted toward the major.

Classical Archaeology
Thirty (30) semester hours of course work. ARH 3130 and 3150 are required in addition to three of the following advanced archaeology courses: ARH 4110, 4118, 4120, 4131, 4151, 4154, and 4173. Competence in one ancient language at the third-semester level is required; this requirement may be fulfilled by taking the Greek language sequence of GRE 1120, 1121, and 2220, or the Latin language sequence of LAT 1120, 1121, and 2220. In addition to the twelve (12) semester hours of Latin or Greek required for the classical archaeology major, the BA degree requires twelve (12) semester hours of ancient or modern language study (three sequential four [4] semester hour courses). It is strongly recommended that the student fulfill the requirement through the study of French, German, or Italian. Three (3) semester hours of electives in classics are also required, to be chosen in consultation with the departmental adviser; only three (3) semester hours of those elective courses taken to fulfill the humanities requirements may also be counted towards the requirements of the major. Students are encouraged to participate in the classics department’s excavations at Cetamura, Italy, and to study at the University’s study center in Florence.

Joint Major in Classics and Religion
The Departments of Classical Languages, Literature, and Civilization and Religion cooperate in a joint major designed for students with a special interest in religion and culture in the ancient world. To complete a bachelor of arts degree (BA) with a Joint Major in Classics and Religion, a student must take (in addition to other college requirements) twenty-seven (27) semester hours in classics and eighteen (18) semester hours in religion. At least nine (9) semester hours at the 3000- or 4000-level in classics courses with prefixes ARH, ASH, CLA, or CLT are required. No more than eighteen (18) semester hours of Greek or Latin may count towards the major; however, students must attain at least third-semester competency in Greek or Latin; see Language Requirements below. Of the eighteen (18) semester hours in religion, at least six (6) and no more than twelve (12) semester hours must be in the area of religions of western antiquity. Classics courses in which the student receives a grade of “C–” or below will not be counted toward the major. For the Joint Major in Religion and Classics, please contact the undergraduate director in the Department of Religion.

Language Requirements for Joint Major
Courses used to fulfill the College of Arts and Sciences language requirement may not be counted toward the major. Whether taken to meet the language requirement or the major requirements, students must complete twelve (12) semester hours in one ancient classical language (Latin or Greek). Courses beyond the third-semester level in Greek or Latin (if that language is used to fulfill the College of Arts and Sciences language requirement) or in another ancient language at any level (e.g., Hebrew, Egyptian, Aramaic, or Sanskrit) may count toward the major, up to the maximum of eighteen (18) semester hours.

Minor
Students with a classics and religion joint major do not need a minor.

Honors in the Major
The Department of Classical Languages, Literature, and Civilization offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Classics
A minimum of twelve (12) semester hours in classical civilization, Greek, or Latin. The minor in classical civilization requires no knowledge of Greek or Latin and may consist of any four courses listed under departmental offerings in classical civilization and literature; however, with the approval of the department, appropriate courses in Greek and Latin may be included in this program. In Greek or Latin the sequence may begin at the 1000 level (provided this does not duplicate the foreign language requirements for the baccalaureate degree) or at any appropriate higher level.
Definition of Prefixes

ARH — Art History
ASH — Asian History
CLA — Classical and Ancient Studies
CLT — Classical Literature in Translation
EUH — European History
FLE — Foreign Language Education
GRE — Classical Greek (Language Study)
GRW — Classical Greek Literature (Writings)
LAT — Latin (Language Study)
LNW — Latin Literature (Writings)

Undergraduate Courses

ARH 2090. Great Discoveries in World Archaeology (3). An introduction to the discipline of archaeology and to the work of famous archaeologists through an examination of selected archaeological discoveries in Europe, Asia, Africa, and the Americas.

ARH 3130. Survey of Greek Art and Archaeology (3). Survey of Greek art from the Bronze Age to the Hellenistic period and important archaeological discoveries in Greek lands.

ARH 3150. Art and Archaeology of Ancient Italy (3). Survey of art in Italy from the Etruscan and Roman periods and important Etruscan and Roman archaeological sites.

ARH 4110. Art and Archaeology of the Bronze Age in the Aegean (3). Study of the art and culture of prehistoric Crete and Greece and important monuments and archaeological sites.

ARH 4118. Archaeology of Ancient Egypt (3). Study of the archaeology and art of ancient Egypt, from the Predynastic to the Ptolemaic and Roman periods. An emphasis on the art, architecture, and daily life of the Old and New Kingdoms.

ARH 4120. Etruscan Art and Archaeology (3). Study of Etruscan art and culture and important monuments and archaeological sites.

ARH 4131. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3). Study of classical Greek art and important monuments and archaeological sites.

ARH 4151. Art and Archaeology of the Early Roman Empire (3). Study of Roman art from Augustus through Hadrian and important monuments and archaeological sites.

ARH 4154. Archaeology of the Late Roman Empire (3). This course comprises a study of Roman art and archaeology from the second to the sixth century CE with emphasis on important sites and monuments.

ARH 4173r. Studies in Classical Archaeology and Art (3–9). Studies in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine (9) semester hours.

ARH 4932r. Tutorial in Classical Archaeology (1–3). Prerequisite: ARH 3130, 3150; instructor consent. Intensive readings and discussions within a small group of advanced undergraduates concerning a specific topic or research problem in classical archaeology. May be repeated to a maximum of six (6) semester hours.


CLA 210. Introduction to Greek and Roman Civilization (3). Introduction to Greek and Roman civilization: survey of classical literature, art, and philosophy with readings in translation from Greek prose writers. May be repeated to a maximum of six (6) semester hours.

CLA 2110. Introduction to Greek Civilization (3). A survey of the daily life and the cultural and political achievements of the ancient Greeks from Homeric times to the period of Alexander the Great.

CLA 2123. The Roman Way: Introduction to Roman Civilization (3). A survey of the daily life and the cultural and political achievements of the Romans from the founding of Rome to the later Roman Empire.

CLA 2500. Ancient Greek Athletics (3). An introduction to the athletics of ancient Greece through an examination of archaeological evidence and literary texts.

CLA 2810. Discovery of Nature: Ancient Science (3). This course introduces students to the history of science, mathematics, medicine and technology in the ancient Near East, the Greco-Roman world, the world of Late Antiquity and the Early Middle Ages.

CLA 3012. Homosexuality in Antiquity (3). Combines methods of social history and literary criticism to examine attitudes toward homosexuality in Greek and Roman culture and the influence of the Greek ideal in later literary and artistic culture.

CLA 3301. Gender and Society in Ancient Greece (3). This course examines the role and status of women in ancient Greek society, as depicted in its literature, art, law and religion.

CLA 3302. Women, Children, and Slaves in Ancient Rome: The Roman Family (3). This course examines the Roman family in its various facets. Its focus will not be only on the nuclear family but also on the broader concept of family which includes slaves and dependents.

CLA 4347r. Studies in Greek History (3). Study of specified periods of Greek history, whether Archaic, Classical, or Hellenistic. May be repeated to a maximum of six (6) semester hours.

CLA 4447r. Studies in Roman History (3). Study of specified periods of Roman history in the Republic or Empire. May be repeated to a maximum of six (6) semester hours.

CLA 4478r. Classical Archaeology: Fieldwork (1–4). Excavation experience through The Florida State University Field School at Cetamura, Italy. May be repeated to a maximum of twelve (12) semester hours.

CLA 4880. Roman Law (3). Introduction to Roman civil law. This course provides a general perspective of Roman laws and problems related to family law, property law, law of deeds, and law of procedure.

CLA 4899r. Honors Work (1–6). Up to twelve (12) semester hours may be taken in honors work. May be repeated to a maximum of nine (9) semester hours.

CLA 4932r. Special Topics in Classics (3–9). This course offers studies in specific aspects of Greco-Roman literature and culture.

CLA 4934r. Seminar in Classical Civilization (3–6). Prerequisite: Nine (9) semester hours of study in Greco-Roman civilization or the consent of instructor. Special topics in classical culture presented around a seminar format. May be repeated to a maximum of six (6) semester hours.

CLT 3401. Word Building: Greek and Latin Elements in the English Vocabulary (3). An introduction to Greek and Latin elements in English with special attention to word roots and the development of vocabulary through the application of these roots.

CLT 3370. Classical Mythology (3). A survey of Greco-Roman myth and legend, readings from illustrative ancient authors in English translation, approaches to the study of ancient myth and culture.

CLT 3378. Ancient Mythology, East and West (3). This course will deal in a comparative way with the shared elements and influences found in the mythological traditions of selected cultures (e.g. Sumerian, Egyptian, Mayan, Norse, and Hindu).

CLT 3380. Classical Drama and Its Influence (3). A survey of the development of tragedy and comedy in the classical world. The theory of tragedy and comedy will be studied and the influence of classical models on the later history of tragedy and comedy will be traced.

CLT 4291. Greek Tragedy (3). An intensive study of the tragedies of Aeschylus, Sophocles, Euripides, and Aristophanes.

CLT 4340. Greek and Roman Epic (3). Study of the principal epics of the classical world in English translation.

CLT 4372r. Studies in Ancient Mythology (3). Specific topics in the study of ancient myth and its interpretation. May be repeated to a maximum of six (6) semester hours.

CLT 4383. Studies in Ancient Comedy and Satire (3). Study of movements in Greek and Roman comedy, Roman satire, and ancient prose fiction through readings of selected works in English translation.

CLT 4905r. Directed Individual Study (1–4). May be repeated to a maximum of nine (9) semester hours.


EUH 4401. Classical Athens and Sparta (3). History of Greece from the beginning to Alexander the Great. Emphasis on the social and political structures of Sparta and Athens.

EUH 4408. The Age of Alexander the Great (3). Study of the Greek world from the death of Socrates (399 B.C.) to the Roman conquest (146 B.C., the sack of Corinth by Mummius).

EUH 4412. The Roman Republic (3). Study of the history of Rome from its foundation (traditionally 753 B.C.) to the fall of the Roman Republic (31 B.C. The Battle of Actium).

EUH 4413. The Roman Empire (3). The Roman Empire from Augustus to Constantine. Emphasis on the evolution from the principate of the early empire to the monarchy of the late empire.

GRE 1120, 1121. Beginning Greek I, II (4, 4). Introduction to the basic grammar and syntax of classical Greek. Meets the foreign language requirement for the BA degree. No language laboratory required.

GRE 2220. Introduction to Greek Literature (4). Translation and commentary on selected Greek readings. Meets the foreign language requirement for the BA degree. No language laboratory required.

GRE 3104r. Readings in Greek Literature (3). Translation, commentary, and interpretation of selected Greek works. May be repeated to a maximum of six (6) semester hours with change of content.

GRE 4210r. Greek Prose Writers (3). Translation, commentary, and interpretation of readings from Greek prose writers. May be repeated to a maximum of six (6) semester hours.

GRE 4310r. Greek Drama (3). Translation, commentary, and interpretation of selected Greek plays. May be repeated to a maximum of six (6) semester hours.

GRE 4315r. Greek Poetry (3). Translation, commentary, and interpretation of readings from selected Greek poets. May be repeated to a maximum of six (6) semester hours.

GRE 4500r. Greek Philosophical Writings (3). Translation, commentary, and interpretation of writings from the Greek philosophers or religious texts. May be repeated to a maximum of six (6) semester hours.

GRE 4905r. Directed Individual Study (1–4). May be repeated to a maximum of nine (9) semester hours.


LAW 2220. Introduction to Latin Literature (4). Translation and commentary on selected Latin readings. Meets the foreign language requirement for the BA degree. No language laboratory required.

LNW 3210r. Readings in Latin Prose (3–6). Prerequisite: LAT 2220. This course introduces intermediate students to the translation and interpretation of standard Latin prose authors. May be repeated to a maximum of six (6) semester hours.

LNW 3320r. Readings in Latin Poetry (3–6). Prerequisite: LAT 2220. This course introduces intermediate students to the translation and interpretation of standard Latin poets. May be repeated to a maximum of six (6) semester hours.

LNW 4313. Vergil or the other hexameter poets. May be repeated to a maximum of six (6) semester hours.

LNW 4314. Latin Prose Writers (3). Translation, commentary, and interpretation of selected Latin readings from Horace and Persius, Juvenal, Martial, Petronius, or Apuleius. May be repeated to a maximum of six (6) semester hours.
LWN 4380r. The Roman Historians and Cicero (3). Translation, commentary, and interpretation of selected works from the Roman historians or Cicero’s historical speeches and letters. May be repeated to a maximum of six (6) semester hours.

LWN 4995r. Directed Individual Study (1–6). May be repeated to a maximum of nine (9) semester hours.

LWN 4999r. Tutorial in Latin (1–3). Prerequisites: LWN 3211, 3323; instructor consent. Intensive work by a small number of undergraduates on a specific topic or research problem in Latin studies. May be repeated as topics vary to a maximum of six (6) semester hours.

Graduate Courses

ARH 5111. Art and Archaeology of the Bronze Age in the Aegean (3).

ARH 5119. Archaeology of Ancient Egypt (3).

ARH 5125. Etruscan Art and Archaeology (3).

ARH 5140. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3).

ARH 5160. Art and Archaeology of the Early Roman Empire (3).

ARH 5174r. Studies in Classical Art and Archaeology (3).

ARH 5934r. Tutorial in Classical Archaeology (1–3).

ARH 6937r. Doctoral Seminar in Classical Archaeology (3).

CLA 5438r. Studies in Greek History (3).

CLA 5448r. Studies in Roman History (3).

CLA 5789r. Classical Archaeology: Fieldwork (1–6).

CLA 5799r. Seminar in Classical Archaeology (3).

CLA 5885r. Roman Law (3).

CLA 5905r. Directed Individual Study (1–4). (S/U grade only.)

CLA 5910r. Supervised Research (1–3). (S/U grade only.)

CLA 9931r. Special Topics in Classics (3–9).

CLA 9936r. Proseminar in Classical Studies (1). (S/U grade only).

CLA 9940r. Supervised Teaching (0–3). (S/U grade only.)

CLA 9942r. Internship in Museum Studies (3–6). (S/U grade only.)

CLA 6932r. Seminar in Classics (3–12).

CLA 6980r. Dissertation (1–6). (S/U grade only.)

CLA 8964r. Preliminary Doctoral Examination (0). (S/U grade only.)

CLA 8985r. Dissertation Defense (0). (S/U grade only.)

CLT 5295r. Studies in Greek Tragedy: Aeschylus, Sophocles, and Euripides (3).

CLT 5345. Studies in Greek and Roman Epic (3).

CLT 5379r. Seminar in Ancient Mythology (3).

CLT 5285r. Studies in Ancient Comedy and Satire (3).

EIH 5006. Hellenic History (3).

EIH 5007. Hellenistic Greece (3).

EIH 5417. The Roman Republic (3).

EIH 5418. The Roman Empire (3).

FLE 5810r. Teaching Classics (3).

GRE 5006r. Graduate Reading Knowledge Examination (0). (S/U grade only.)

GRW 5215r. Studies in the Greek Prose Writers (3).

GRW 5305r. Studies in Greek Drama (3).

GRW 5345r. Greek Poetry (3).

GRW 5505r. Greek Philosophical Writings (3).

GRW 5908r. Directed Individual Study (1–4). (S/U grade only.)

GRW 5909r. Tutorial in Greek (1–3).

GRW 6930r. Seminar in Greek (3).

LAT 5006r. Graduate Reading Knowledge Examination (0). (S/U grade only.)

LWN 5225r. Roman Lyric, Elegiac, and Pastoral Poetry (3).

LWN 5345r. Studies in Roman Epic (3).

LWN 5365r. Studies in Roman Satire (3).

LWN 5385r. The Roman Historians and Cicero (3).

LWN 5908r. Directed Individual Study (1–4). (S/U grade only.)

LWN 5932r. Tutorial in Latin (1–3).

LWN 6930r. Seminar in Latin (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

COGNITIVE SCIENCE: see Graduate Bulletin

Department of COMMUNICATION

COLLEGE OF COMMUNICATION

Chair: Stephen D. McDowell; Professors: Eveland, Heald, Korzenny, Mayo, Sapolisky; Associate Professors: Adams, Arpan, Houck, Jordan, MacNamara, McDowell, Nudd, Pekurny, Pomper, Raney, Rayburn; Assistant Professors: Bunz, Cortese, McClung, Opel, Proffitt, Wiese; Associates in Communication: Aroloff, Halvorson, Rodin; Visiting Assistants in Communication: Gilmer, Laurents; Associate Scholars/Scientists: Dubard, Grise; Professors Emeriti: King, Minnick, Wotring, Young

The Department of Communication offers a degree in communication with five areas of emphasis. These programs are organized according to five areas of study and are designed to meet predetermined educational and career goals. The specific goals and requirements of some areas of study are detailed in the following section entitled “Requirements for a Minor in Communication.”

ACADEMIC PROGRAMS

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

The Department of Communication offers programs of study leading to the bachelor of arts (BA), bachelor of science (BS), master of arts (MA), master of science (MS), and doctor of philosophy (PhD) degrees. Consult the Graduate Bulletin or department Web site for information regarding graduate programs.

Note: Students not formally admitted to the Department of Communication are prohibited from enrolling in more than eighteen (18) semester hours of coursework in the Department of Communication (SPC 1016 and SPC 2600 do not count toward this eighteen [18] semester hour limit). Courses available to non-majors are listed in the following section entitled “Requirements for a Minor in Communication.”

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student...
receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Eighteen (18) semester hours outside the major, in addition to the thirty-six (36) hours of general education requirements.

Requirements

Admission Information

Communication is a limited access major. Acceptance into the Department of Communication and into the various areas of emphasis is highly competitive.

All students must apply separately to the University and the Department of Communication. Admission to the University is not a guarantee of admission into the major. Students transferring from another institution are strongly encouraged to earn an AA before matriculating at The Florida State University, and should apply for admission to the Department of Communication before transferring to Florida State University.

Application Process

Minimum Requirements for Application:

Students applying for admission must:

1. Have an overall GPA of 3.0 or higher on all college coursework to be considered for admission to Advertising, Public Relations, Media Production, and Mass Media Studies, OR an overall GPA of 2.8 or higher on all college coursework to be considered for admission to Communication Studies;
2. Have passed or been exempted from the CLAST examination by time of application;
3. Have completed CLEP scores posted by time of application;
4. Have all Liberal Studies course substitutions approved by the appropriate dean and posted by time of application;
5. In addition, students must complete the following requirements by the end of the Spring semester in which they are applying:
   a. A minimum of forty-three (43) semester hours of college coursework accepted by The Florida State University;
   b. All Liberal Studies requirements; and,
   c. All Gordon Rule requirements.

The Application

Application information is available on the College of Communication Web site at http://www.comm.fsu.edu. To be considered for Summer/Fall admission, completed applications must be received by the Department of Communication by the first business day in February at 5:00 PM. Included in the application process must be copies of transcripts from all colleges and universities attended. Late applications will not be accepted.

The Review Process

A faculty committee will review applications and supporting documents of candidates who meet the minimum requirements for application. There are three major criteria by which all undergraduate applications in the Department of Communication will be assessed: GPA in context, strength of experience relevant to the field and evidence of potential success in a relevant field. More specifically, the faculty members reviewing the applications in all areas will consider the following:

1. GPA in all college coursework;
2. Preference for a particular emphasis (i.e. the applicant’s prioritized rank ordering of the emphasis area);
3. Record of academic success in communication and communication-related courses;
4. Quality of writing in application materials;
5. Well-defined goals and expectations related to the chosen field; and
6. Previous high school, college, or professional experiences related to the chosen field.

(See Department of Communication application for additional information regarding the review process.)

Note: Majors are required to complete a language proficiency requirement prior to graduation. See the section entitled ‘Language Proficiency Requirements’ below.

Retention Standards

The Department of Communication reserves the right to discontinue enrollment of any student in the major at any time if, in the judgment of the faculty, the student does not meet the standards of the department or the major. Specifically, majors in the Department of Communication must maintain an overall University average GPA of 2.8 or they may be placed on probation and may be dropped subsequently from the major.

Requirements for a Major in Communication

Different programs of study specify different graduation requirements which lead to the baccalaureate degree in communication. Descriptions of each program’s required and elective course sequences are available on the college’s Web site at http://www.comm.fsu.edu.

The Department of Communication has the following requirements for graduation. These requirements are beyond the minimum University requirements and those specified by each emphasis area: 1) meet the department’s language proficiency requirement; 2) only course work with grades of “C–” or above will count toward a student’s degree in communication; and 3) completion of a minor in an academic area outside the Department of Communication. Students who wish to intern must make arrangements with the faculty adviser and submit departmental contracts the semester prior to enrollment. Internship requirements vary by program of study. Only formally admitted communication majors can register for a communication internship.

Language Proficiency Requirement

Students formally admitted into any program in the Department of Communication during or after the 2003 admission cycle must achieve proficiency in one language other than English prior to graduation. As a department, we define “language” in broad terms, understanding that a variety of skills are equally important to the field of communication. To that end, students may fulfill this requirement by taking courses in language, business, or computer science.

• Language Proficiency. Students may satisfy the language proficiency requirement by completing course work through the 2000 level (2200 or equivalent course) of a classical or modern language. Students may also satisfy the requirement by completing sign language through SPA 2614C, Advanced American Sign Language. A student taking course work to fulfill the department’s modern language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Native speakers of another language and other students who wish to demonstrate proficiency by means other than course work should consult the Department of Modern Languages and Linguistics or, for sign language, the Department of Communication Disorders. Upon graduation, those students who pursue this option through a spoken language (i.e. French, German, Spanish, Latin, sign language, etc.) will receive a bachelor of arts (BA) degree.

The department’s modern language requirement is more extensive than the University’s foreign language admissions requirement. It is important to understand that although completion of two years of high school language courses or two semesters of post-secondary language will satisfy the University’s admissions requirement, these courses do not satisfy the Department of Communication’s modern language graduation requirements. Please consult the “Admissions” chapter of this General Bulletin for more information.

• Business Proficiency. Students may satisfy the business language proficiency requirement by completing the following course work for a total of nine (9) semester hours: ECO 2013, Principles of Microeconomics; ECO 2023, Principles of Microeconomics; and one (1) of the following: QMB 3200, Quantitative Methods for Business Decisions; STA 2023, Fundamental Business Statistics; or STA 2122, Introduction to Applied Statistics. A student taking course work to fulfill the department’s business language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Upon graduation, students who pursue the business language proficiency option will receive a bachelor of science (BS) degree.
• **Computer Science Proficiency.** Students may satisfy the language proficiency requirement by completing any three of the following courses: CGS 3408, Introduction to Programming with the C Language; CGS 3460, FORTRAN for Non-Specialists; CIS 3931, Intermediate Topics in Computer Science: Introduction to Java Programming; or CGS 3403, Introduction to COBOL Programming. Students taking CGS 3408 may also complete the computer language requirement by taking the following as their second and third courses: CGS 4406, Object Oriented Programming in C++ or COP 3330, Object Oriented Programming; and CIS 4930r, Special Topics in Computer Science.

• A student taking course work to fulfill the department’s computer language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Upon graduation, students who pursue the computer language proficiency option will receive a bachelor of science (BS) degree.

**Note:** There are math prerequisites for some of these courses. These would be taken in addition to the computer science courses listed above.

### Required Minor

A minor of at least twelve (12) semester hours is required. All work counted toward the minor must carry a grade of “C–” or better. The minor must be in a department other than the Department of Communication. Requirements for the minor are established by the minor department, which can be found under the appropriate entry of this *General Bulletin*. Minors must be approved by the Department of Communication. See individual descriptions of majors below for suggestions. Communication majors who complete a second major outside of the Department of Communication do not need a minor. The required minor is applicable, however, to those pursuing a dual degree.

### Interdepartmental Minor

A fifteen (15) semester hour interdepartmental minor is possible, provided that the course work is outside the Department of Communication and is approved in advance by the faculty adviser and the department chair.

### Honors in the Major

The Department of Communication offers a program in honors in communication to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this *General Bulletin*.

### Requirements for a Minor in Communication

The Department of Communication offers a minor in communication on a space available basis only. The minor consists of twelve (12) semester hours in communication selected from the following courses:

- ADV 3000 Principles of Advertising (3)
- MMC 2000 Introduction to the Mass Media (3)
- PUR 3000 Introduction to Public Relations (3)
- ADV 3352 Mass Media Law (3)
- SPC 3210 Contemporary Human Communication (3)
- SPC 3513 Argumentation (3)

Only coursework with a grade of “C–” or above in four of these six courses will count toward the minor. Credit earned in meeting the Oral Communication Competency Requirement (OCCR) may not be used to satisfy the minor. At least six (6) semester hours of the communication minor must be taken in the Florida State University Department of Communication.

In cooperation with the College of Arts and Sciences, the Department of Communication also offers an interdepartmental film studies minor. For additional information on this minor, as well as other programs currently in development, refer to the “School of Motion Picture, Television, and Recording Arts” chapter of this *General Bulletin*, or the departmental Web site at http://www.fsu.edu/~film.

The Department of Communication also offers a minor in Hispanic Marketing Communication, and an Honors minor in London. Please contact the department for more information.

### Description of Emphasis Areas

#### Advertising and Public Relations

**Advertising and Public Relations**

- **Career and Educational Goals.** Students in this emphasis area will master skills necessary for a career in advertising or public relations.

- **Skills to be Developed.** Advertising students will focus on account management, creative strategy, media planning and research skills. Public relations students will concentrate on public relations writing, tactics, research and campaign management skills.

- **Focus Areas.** Students, after applying to this program, are required to indicate on the application form his/her preferred focus area: advertising or public relations.

- **Major Hours Required.** Thirty-nine (39) semester hours. Students must retake any course with a grade below “C–”.

- **Required Minor.** A minor (or second major), approved by your adviser, is required. All minor work must be in a department other than the Department of Communication. All work counted toward the minor must carry a grade of “C–” or better. Requirements for the minor are established by the minor department and can be found in this *General Bulletin*. Suggested minors include: business, psychology, English, journalism (at FAMU), political science, social science, an interdepartmental minor, and others, depending upon one’s career objectives.

- **Internship.** Advertising and Public Relations students are required to earn internship hours. Please see our Web site at http://www.comm.fsu.edu/comm for more information about this requirement.

**Course Requirements for the Advertising and Public Relations Emphasis Areas**

A listing of specific courses and requirements is available at http://www.comm.fsu.edu.

### Communication Studies

**Communication Studies**

- **Career and Educational Goals.** Students graduating in this emphasis area should have a solid liberal arts education with an emphasis in communication studies. Degrees in communication studies are applicable to a number of fields including law, ministry, speech writing, management and lobbying.

- **Major Hours Required.** Thirty-six (36) semester hours. Students must retake any course with a grade below “C–”.

- **Required Minor.** A minor (or second major), approved by your faculty adviser, is required. All minor work must be in a department other than the Department of Communication. All work counted toward the minor must carry a grade of “C–” or better. Requirements for the minor are established by the minor department and can be found in this *General Bulletin*. Recommended minors include: English, political science, psychology, theater, journalism (at FAMU), sociology, criminology, social sciences, American studies, womens studies, African American studies, British studies (the Florida State University London Program). A fifteen (15) semester hour interdepartmental minor is also possible, provided the course work is outside of the Department of Communication and is approved in advance by the faculty adviser and the department chair.

- **Internship.** The student may complete an internship (COM 4945) as an elective. A maximum of three (3) semester hours may count toward the communication studies emphasis area; however, students may register for a total of twelve (12) semester hours of internship credit.

- **Recommended Extracurricular Activities.** Speech and Debate, V89, Women in Communication, student government, theatre productions, Seminole Productions, FSU Live.

**Course Requirements for the Communication Studies Emphasis**

A listing of specific courses and requirements is available at http://www.comm.fsu.edu.
Mass Media Studies and Media Production

• Career and Educational Goals. Students with an emphasis in mass media studies and media production typically pursue management or production careers in broadcasting, cable, advertising, video production, arts, and entertainment, etc. Enabling information technologies and related fields. (Prospective students should note that the Department of Communication does not offer a program in print or broadcast journalism).

• Areas of Special Knowledge and Skills to Be Developed. The mass media studies and media production emphasis will expose students to the history, evolution, and changing state of mass media. Students will develop an appreciation for the economic underpinning of the media, the social effects of the media, legal and ethical issues affecting the production and dissemination of products and programs, the nature of new communication technologies, and techniques employed in the production of the mass media. Students in these emphasis areas may acquire such skills as writing for the media, audience research, computing, on-camera performance, video production, video editing, and developing media plans.

• Focus Areas. Students interested in the mass media emphasis may focus in one of two areas: mass media studies and media production. A limited number of students are accepted annually into the media production emphasis area.

• Major Hours Required. Thirty-nine (39) semester hours are required in the mass media studies area and forty-two (42) semester hours are required in the media production area. Students must retake any course with a grade below “C–”.

• Required Minor. A minor (or second major), approved by the student’s faculty adviser, is required. All work must be in a department other than the Department of Communication. All work counted toward the minor must carry a grade of a “C–” or better. Requirements for the minor are established by the minor department and can be found in this General Bulletin. Recommended minors include: business, education, English, political science, psychology, theatre, journalism (at FAMU), sociology, criminology, social sciences, American studies, British studies (the Florida State University London Program). A fifteen (15) semester hour interdepartmental minor is also possible, provided the course work is outside the Department of Communication and is approved in advance by the faculty adviser and department chair.

• Internship. An internship (COM 4945r) is strongly recommended. A student may enroll for up to twelve (12) semester hours of internship, but a maximum of nine (9) semester hours may be credited toward the major.

Course Requirements for the Media Studies and Media Production Emphasis

A specific listing of courses and requirements is available at http://www.comm.fsu.edu.

Definition of Prefixes

ADV—Advertising
COM—Communication
FIL—Film
MMC—Mass Media Communication
ORI—Oral Interpretation
PUR—Public Relations
RTV—Radio-Television
SED—Speech Education
SPC—Speech Communication

Undergraduate Courses

ADV 3000. Principles of Advertising (3). Advertising and promotion as related to level of economic growth, cultural influences, and sociological environments.

ADV 3001. Creative Strategy I (3). A foundation class in advertising where creativity is explored in a workshop environment.

ADV 352. Mass Media Law (3). Comprehensive review of laws, rules, and regulations affecting both the advertising and broadcast industries as well as other forms of mass media. Includes review of libel, slander, invasion of privacy, gathering of information, and copyright laws.

ADV 3410. Hispanic Marketing Communication (3). This course prepares undergraduate students to become educated decision makers and consumers of information regarding US Hispanic marketing communication issues.

ADV 3510. Media Planning (3). Prerequisite: ADV 3000 and COM 3310/3310L. Coordination of advertising and marketing research, planning, creative strategy, and selection of media and production activities leading to the development of advertising campaigns.

ADV 4500. Advertising Research (3). Prerequisite: ADV 3000. Survey, observational, and experimental research methods and processes. Research design, planning, questionnaire construction, sampling, validity measurements, field work, tabulations, presentation, and interpretation.

ADV 4800. Creative Strategy II (3). Prerequisite: ADV 3000, 3001; COM 3310, 3310L. Creative and empathetic skills necessary in communicating via print and electronic media; utilizing these skills in creating integrated advertising campaigns.

COM 3110. Communication for Business and the Professions (3). This is a workplace-oriented course that provides practical education and experience in the performance of informative, persuasive, and special occasion speeches through individual and group presentations. Fulfills OCCR requirement.


COM 3310L. Communication Research Methods Laboratory (1). Co requisite: COM 3310. Applications and simulations of communication research methods. Lecture material covering research design, measurement, sampling, data collection, analysis, interpretation and reporting procedures using computer technology.

COM 3332. New Communication Technology and Contemporary Society (3). Relates the design, development, and use of new communication technologies to social, economic and policy implications.


COM 3930r. Special Topics in Communication (3). An analysis of specialized topics of current concern in communication. May be repeated to a maximum of six (6) semester hours; duplicate registration allowed.

COM 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

COM 3950r. Communication Activities (1). (S/U grade only.) May be repeated to a maximum of four (4) semester hours; duplicate registration allowed.

COM 4121. Foundation of Organizational Communication (3). The course explores the use of communication in conjunction with the theory and practice of PM/OBM for increasing productivity and analyzing performance problems.

COM 4123. Introduction to Assessing Organizational Communication (3).

COM 4140. Fundamentals of Communication for Organizational Development (3). Introduces students to the communication issues involved in the theory and process of organizational development.

COM 4330. Communication and the Internet (3). Develops technical and communication skills in Internet-based communication technologies. Hands-on survey of Internet technologies with focus on communication issues, problems and competencies. Lecture and lab.

COM 4465. Communication and Conflict (3). Introduces students to the theory and practice of conflict resolution with emphasis on the role of communication.

COM 4470. Desktop Multimedia (3). Course provides overview of basic concepts and applications of software packages; principles of design and presentation for print-based as well as audiovisual productions.

COM 4460. Legal Communication (3). An analysis of how communication affects and is affected by our legal institutions and processes.

COM 4481. Attorney, Client, Pretrial Communication (3). Course introduces students to the core elements of the attorney-client relationship across a variety of contexts and the numerous elements of pretrial communication and preparation.

COM 4482. Courtroom and Jury Persuasion (3). Course introduces students to the nature and implications of effective courtroom persuasion and the process of jury analysis and jury selection.

COM 4900r. Directed Individual Study (1–3). (S/U grade only.) Instructor approval required. May be repeated to a maximum of eight (8) semester hours; duplicate registration allowed.

COM 4909r. Honors Work (1–6). For students in the honors program who are working on an honors thesis. May be repeated to a maximum of nine (9) semester hours; duplicate registration not allowed.

COM 4910r. Application of Research Methods (1–3). (S/U grade only.) Instructor approval required. Experience in methods and strategies of research in communication concepts. Individually designed to accommodate student’s background and objectives. May be repeated to a maximum of four (4) semester hours; duplicate registration allowed.

COM 4930r. Undergraduate Seminar in Communication (3). Explores advanced communication issues with an emphasis on research. May be repeated to a maximum of six (6) semester hours; duplicate registration allowed.

COM 4935r. Senior Seminar in Communication Studies (3). Prerequisites: COM 4481 or SPC 4680 or 4710. This course is an advanced seminar in communication studies with an emphasis in legal communication studies, communication and culture, or rhetorical studies.


COM 4941r. Application of Instructional Methods (1–3). (S/U grade only.) To provide experience in methods and strategies of teaching communication concepts within the University context. Individually designed to accommodate students background and objectives. Instructor approval required. May be repeated to a maximum of three (3) semester hours; duplicate registration not allowed.
The purpose of this course is to provide the student with process and techniques of film scripting. Students collect, analyze and perform personal projects. Prerequisite: Senior level status; twelve (12) semester hours with a S/U grade only. Corequisite: PUR 3000. Review of recent literature on nonverbal communication including theories of persuasion and principles of persuasive communication. An analysis of the interview process in a variety of specific contexts. Prerequisite: RTV 3220. Advanced editing and post production techniques applied to field and studio projects. Emphasis on digital non-linear editing systems. May be repeated to a maximum of six (6) semester hours.

RTC 3941r. Radio Practicum (3-6). Prerequisite: Permission of instructor. Advanced radio work in either of two areas: management or other supervisory roles at the student radio station; or special individual projects in the application, study, or research of audio pertaining to radio and broadcasting. May be repeated to a maximum of six (6) semester hours.

RTC 4332. Documentary Video Production (3). Corequisites: RTC 3101, 3221, 3263. This course offers instruction in the theory and practice of production of non-fiction documentary video. Students produce a final video project after studying the documentary tradition, theory, and practice of video production.

RTC 4467r. Television Practicum (3-6). Prerequisites: RTC 3220, 3221. Producing and directing television programs and video projects. May be repeated to a maximum of six (6) semester hours. Corequisites: RTC 3101, 3221, 3263. This course offers instruction in the theory and practice of production of non-fiction documentary video. Students produce a final video project after studying the documentary tradition, theory, and practice of video production.

RTC 4504. Electronic Media Audience Measurement (3). Prerequisites: ADV 3000, RTC 3003. Course provides an understanding of: past and current methods of measuring radio, TV and cable audiences; terms and formulas used by the ratings services; the local market radio and TV sales process. Emphasis on how ratings and other audience estimates are utilized in radio/TV/cable programming and sales; the newest developments in audience measurement; customized and qualitative approaches to audience measurement; and computer applications widely used in the broadcasting and advertising industries.

RTC 4802. Radio-Television Station Operation and Programming (3). Prerequisite: MMC 2000 or RTC 3003. Purpose, function, organization, and programming of the radio and television station with an emphasis on research.

RTC 4870. Senior Thesis in Production (3). Prerequisite: Senior level status; twelve (12) semester hours of 3000 level production courses; instructor permission. Acclimatizing course for students in production. Individual students, focusing on areas they have mastered in intermediate courses, will produce senior thesis video projects.

SPC 1016. Fundamentals of Speech (3). Survey and application of communication principles including interpersonal communication, small group communication, and public speaking.

SPC 2410. Parliamentary Law (3). The principles and rules governing voluntary organizations and deliberative assemblies.


SPC 3120. Psychology of Oral Communication (3). A study of basic psychological principles involved in communication behavior with application to individual and group communication situations.

SPC 3190. Applied Voice and Diction (3). This course covers articulation, word choice and pronunciation, and introduces the student to the speech production mechanism and how speech sounds are produced and classified.

SPC 3191. Contemporary Human Communication (3). An introductory course that surveys current scholarship in five areas of communication theory: group, rhetorical, interpersonal, and professional communication.

SPC 3221. Contemporary Rhetorical Theory (3). Prerequisite: SPC 3210. This course is an introduction to the rhetorical theorists of the 20th century, including Burke, Richards, Foucault, Habermas, Fisher and Weaver.

SPC 3223. Classical Rhetoric (3). Prerequisite: SPC 3210. Students examine the origins of rhetorical theory during the classical period. The course emphasizes ideas on rhetoric of Plato, Aristotle, Cicero, and Quintillius.

SPC 3301. Interpersonal Communication (3). A survey of recent literature on interpersonal communication including such topics as self-concept, emotional behavior, interpersonal conflict, and intercultural communication.

SPC 3320. Nonverbal Communication (3). Review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesiestic behavior, environment, physical characteristics, and personal appearance.

SPC 3350. Listening (3). This course teaches students to understand the complexity of listening and the nature of listening in the human communication process. Emphasis is placed on students learning to improve their own listening behavior, this course will stress six skill areas: 1) hearing messages, 2) understanding messages, 3) remembering messages, 4) interpreting messages, 5) evaluating messages, and 6) responding to messages.

SPC 3422. Communication in Small Groups (3). This course in small groups includes both cognitive and experiential elements. Students study how small groups function as they create their own project groups and learn by doing.

SPC 3531. Argumentation (3). This course focuses on the principles of argumentation theory and the practical applications of these principles in different argumentative situations. Traditional as well as contemporary approaches to the study of argument are combined with the settings of argument to provide a practical experience for each student.

SPC 3593r. Intercollegiate Forensics (1). Competitive debate and individual events. Experienced students will develop and perfect their speaking skills in a highly competitive, structured format of instruction and competition. May be repeated to a maximum of eight (8) semester hours.

SPC 3644. Rhetoric of Didactic Literature (3). Prerequisite: SPC 3210. An analysis of drama as an instrument for advancing a political or social thesis.

SPC 4360. Interviewing (3). An analysis of the interview process in a variety of specific contexts and the development of communication skills used in interviewing.


SPC 4516. Evidence (3). Prerequisite: SPC 3513. The study of principles of evidence and proof in law, historical investigation, scientific discovery, and the social sciences. An analysis of argument and proof modes used for public policy decision making with an emphasis on developing standards of proof for public consumers of information as well as policymakers.

SPC 4540. Persuasion (3). A study of the psychology of attitude formation and change and the development of persuasive principles of persuasive communication.

SPC 4605. The Principles of Speechwriting (3). Prerequisite: SPC 2600. History and principles of speechwriting, the ethical issues involved, and speechwriting skills based on sound principles of communication.
An exploration of interracial and intercultural communication and the philosophies that underlie the concept. SPC 4710. Interracial/Intercultural Communication (3).

Graduate Courses
ADV 5415. Hispanic Marketing Communication (3).
ADV 5503. Media Consumer Behavior (3).
ADV 5505. Media Market Research (3).
ADV 5605. Account Planning (3).
COM 5126. Organizational Communication Theory and Practice (3).
COM 5127. Assessing Organizational Communication (3).
COM 5145. Communication Issues in Organizational Development (3). (S/U grade only.)
COM 5345r. Interactive Communication Research (1–3).
COM 5312. Research Methods in Communication (3).
COM 5314. Measurement of Listener-Viewer Attitude and Response (3).
COM 5316. Statistical Methods in Communication Research (3).
COM 5317. Content Analysis in Communication Research (3).
COM 5331. Computers in Communication Research (3).
COM 5336r. Interactive-Media Programming and Design (3).
COM 5337. Interactive Programming and Design for CD-ROM (3).
COM 5338. Desktop Multimedia (3).
COM 5339. Interactive Programming and Design for the Web (3).
COM 5340. Historical-Critical Methods of Research (3).
COM 5401. Analysis of Communication Theory (3).
COM 5450. Introduction to Project Management (3).
COM 5451. Advanced Topics in Project Management (3).
COM 5467. System Thinking and Project Management (3).
COM 5469. Communication Planning and Dispute Resolution (3).
COM 5526. Marketing Communication Management (3).
COM 5546. Political Communication (3).
COM 5910r. Directed Individual Study (3). (S/U grade only.)
COM 5911r. Supervised Research (1–5). (S/U grade only.)
COM 5920r. Colloquium in Communication (6–1). (S/U grade only.)
COM 5940r. Supervised Teaching (1–5). (S/U grade only.)
COM 5946r. Communication Residency (1–6). (S/U grade only.)
COM 6400r. Seminar in Communication Theory (3).
COM 6403r. Advanced Problems in Communication Theory and Research (2–8).
COM 6690. Preparation for the Preliminary Examination (2–4). (S/U grade only.)
COM 6931r. Special Topics in Communication Research (3).
MMC 5355. Comparative Systems of Mass Communication (3).
MMC 5650. Social Communication Theory and Effects (3).
MMC 6920r. Colloquium in Mass Communication (3).
MMC 6949. The Diffusion of Innovations (3).
RTV 5253. New Communication Technology Theory and Research (3).
RTV 5325. Documentary Video Production (3).
RTV 5702. Communication Regulation and Policy (3).
RTV 6425r. Advanced Seminar in New Communication Technologies (3–6).
SED 5340. Teaching Communication in College (3).
SED 5346. Teaching Oral Communication Courses (3).
SPC 5234. Classical Theories of Rhetoric (3).
SPC 5442. Group Dynamics and Leadership (3).
SPC 5545. Studies in Persuasion (3).
SPC 5614. Criticism of Contempory Public Address (3).
SPC 5639. Rhetoric of Women’s Issues (3).
SPC 5645. Rhetoric and Human Affairs (3).
SPC 5655. Political Rhetoric Language and Persuasion (3).
SPC 6236. Contemporary Rhetorical Theory and Criticism (3).
SPC 6306. Contemporary Topics in Interpersonal Communication (3).
SPC 6920r. Colloquium in Speech Communication (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

The Florida State University has approved American Sign Language as a substitute for a foreign language for the Bachelor of Arts degree. Consult with an academic advisor to determine if American Sign Language may fulfill this requirement for specific degree programs. The department does not offer a degree in education of the deaf nor in sign language interpretation.

Students enrolled in programs of the Department of Communication Disorders at The Florida State University are provided unique experiences because of the learning environment. The department is a member of the College of Communication, which provides numerous collaborative educational experiences. The L.L. Schendel Speech and Hearing Clinic provides the primary teaching and research laboratory for students and faculty and provides comprehensive, multidisciplinary evaluation and treatment services to persons in the community and region with communicative disorders. This 40-room facility is the central focus of learning and service activities. Videotape laboratories, diagnostic audiology instrumentation, sound isolation rooms, nonspeech systems, and a complement of other clinical resources serve for clinical instruction.

The department also maintains a number of communication science laboratories for the study of physical and psychological aspects of sound, speech, voice, and language. These facilities provide space and highly specialized equipment to students and faculty, including laboratories for study in speech science, voice science, hearing science, emerging language, and adult language.

In addition, the department administers the Interdepartmental Certificate Program in Developmental Disabilities. The purpose of this program is to provide upper-division undergraduate students from a variety of disciplines with knowledge regarding etiology, assessment, treatment, and policy issues related to individuals with developmental disabilities and their families. Students seeking certification must complete nine (9) semester hours of coursework and three (3) semester hours of practicum from an approved list of courses and practica. No more than three (3) semester hours may be taken in the student’s major area of study. More than forty courses are available in the following disciplines: Art Education; Communication Disorders; Family and Child Sciences; Middle and Secondary Education; Music Education/Therapy; Nursing; Nutrition, Food and Exercise Sciences; Physical Education; Psychology; Social
An introduction to the anatomy and physiology of the speech-sound production. An orientation to the international phonetic alphabet and its use for the broad transcription of General American English.

**Requirements for an Undergraduate Major in Communication Disorders**

Students normally enter the program at the junior level and must have a minimum grade point average (GPA) of 2.8 for all course work, have successfully completed The Florida State University’s liberal studies requirements, and have passed or been exempted from the CLAST. Admission to The Florida State University does not ensure admission to the Department of Communication Disorders, nor does attainment of the minimum grade point average. Formal application to the department is required of all entering majors. Non-FSU or transfer students also must apply to the university. Normally, admission is for the fall semester. All materials necessary for admission applications must be submitted directly to the department by March 1st. Students are recommended to include MAC 1105 and STA 2122 in their pre-major coursework.

The curriculum leading to the baccalaureate degree combines liberal arts education with preprofessional preparation for the graduate program in the department or elsewhere. At the undergraduate level, students are provided experiences relating to the basic processes of hearing, language, and speech. The junior-year course offerings focus on the basic science and development foundations considered prerequisite for the specialty curricula initiated during the senior year. To qualify for graduation from the major, all undergraduates in communication disorders must earn a grade of “C–” or better for each required major course and must have an overall GPA of at least 2.0 in major course work.

Speech-language pathology courses cover the nature, evaluation, and treatment of problems of articulation, language, fluency, voice, neuro-physiological, and structural disorders affecting speech and language. Audiology courses are concerned with the identification, measurement, evaluation, and rehabilitation of persons with hearing impairments. Studies in communication science concern analysis and measurement of components of the production, transmission, and reception of the speech signal.

Undergraduate students learn anatomy and physiology of the speech and hearing mechanisms; sound and its perception; the development of language and communication systems; the components of the English sound system; the neurological bases of speech, language, and hearing; sign language; strategies for clinical intervention; diagnostic/evaluation strategies in speech, language, and hearing; basic concepts related to language in phonology, and fluency; and professional issues in communication disorders.

The major professional, educational, and clinical experiences occur during graduate studies leading to the master’s degree. Eligibility for the certificate of clinical competencies in the American Speech-Language-Hearing Association and state licensure are not possible until the requirements for the major’s degree are met.

The master’s of speech-language pathology program is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology and prepares students to work in hospital, clinical, school, or private settings with a variety of developmental and acquired communication disorders.

**Requirements for a Minor in Communication Disorders**

Requirements for an undergraduate minor in communication disorders are fourteen (14) semester hours in departmental courses, with a grade of “C” or better in each course. At least six (6) of the fourteen (14) semester hours must be completed at The Florida State University. No more than eight (8) hours of Sign Language may count towards the minor.

Sign Language courses used to satisfy the foreign language requirement cannot be double counted towards the minor. Departmental approval must be obtained to register for certain courses in the minor. The minor application can be found at [http://www.comm.fsu.edu/commdis](http://www.comm.fsu.edu/commdis) or by contacting the department’s Academic Coordinator at 644-2253. This form must be completed and signed by a student’s academic advisor before it is submitted to the department. Please note that a minor in the department does not qualify a student to apply for our graduate program in speech-language pathology nor for professional certification or licensure.

**Definition of Prefixes**

**LIN**—Linguistics

**SPA**—Speech Pathology and Audiology

**Undergraduate Courses**


**LIN 3200L. Fundamentals of Phonetics Laboratory (1).** Prerequisites: Communication disorders majors only. Corequisite: LIN 3200. Laboratory for LIN 3200.

**SPA 2001. Communication Sciences and Disorders (3).** An introductory course provides an overview of human communication disorders with a focus on the neuroanatomic, acoustic, biological, psychological, developmental, and linguistic principles underlying human communication disorders. It also provides an overview of the field of speech-language pathology and audiology with an emphasis on the scientific aspects of clinical assessment and rehabilitation of clients. Intended for non-majors.

**SPA 2020. Effective Oral Communication (3).** This course surveys and applies selected theories for generating effective oral communication using standard American English. Course topics include listening and speaking skills, vocal health, interpersonal communication, public speaking, speaking apprehension and dialect/accent differences. Speaking activities are designed to meet the student’s professional goals.

**SPA 2613C. Intermediate American Sign Language (4).** Prerequisite: SPA 1612. This course is designed to expand the student’s comprehension and production of American Sign Language with a primary emphasis on dialogue. Focus is on increased vocabulary, conceptual accuracy, verb inflections, and ASL idioms.

**SPA 2614C. Advanced American Sign Language (4).** Prerequisite: SPA 2613C. This course is designed to produce a fluent sign language user with high-level encoding (production), decoding (reception), and pragmatic skills (cultural rules for conversation) when signing dialogue and narratives.

**SPA 2620. Introduction to Sign Language Systems (2).** Introduction to the deaf culture and to sign language as a communication system; encoding and decoding skills of Signed English and finger spelling.

**SPA 2633. Deaf Culture (3).** This course is designed to acquaint students with the political, educational, and social parameters of Deaf culture. International and United States perspectives are included.

**SPA 3000. Introduction to Language Development and Communication Disorders (3).** Normal language and speech development. Overview of major communication disorders and their causes and the nature of hearing disabilities. Nonmajors only.

**SPA 3201. Phonological Development and Disorders (3).** Prerequisite: LIN 3200C. Types of articulation problems and their etiologies; diagnostic techniques for articulation. A laboratory is required.

**SPA 3801r. Applications of Research in Communication Sciences and Disorders (1–3).** This course provides basic research concepts and skills through practical experiences. Students apply research techniques while assisting with activities in various research settings, through group simulations in the classroom, and through individual projects.

**SPA 3949r. Cooperative Education Work Experience (0).**

**SPA 4007r. Undergraduate Seminar in Communication Disorders (1–3).** Prerequisite: Consent of instructor. A seminar to provide undergraduate students with information on current issues in the profession or information on innovative methodologies in the remediation of communication disorders. May be repeated to a maximum of three (3) semester hours.

**SPA 4011C. Introduction to Speech Science (4).** Basic acoustics and speech acoustics including frequency, intensity, duration, and wave composition and their psychological correlates, pitch, loudness, time, and sound quality. Lectures, demonstrations, and required laboratory project.

**SPA 4032. Introduction to Hearing Science (3).** An introduction to the anatomy and physiology of the ear, instrumentation in audiometry, and psychoacoustics.

**SPA 4035r. Clinical Observation and Practice (3).** (S/U grade only.) Prerequisites: SPA 3201, 4302, 4400. Supervised practice in therapeutic procedures with persons with various speech-language problems. May be repeated to a maximum of three (3) semester hours. Students may enroll in more than one section during the same semester.

**SPA 4101C. Anatomy and Physiology of the Speech Mechanism (4).** An introduction to the anatomy and physiology of the systems underlying speech production: respiration, phonation, articulation and resonance. The anatomy and physiology of the ear are also introduced. Lecture and laboratory experiences.

**SPA 4222r. Introduction to Fluency Disorders (3).** Nature and causes of stuttering disorders; etiology and intervention.

**SPA 4225. Developmental Communication Disorders (3).** Course content places disorders in perspective, defines basic theories of causation, introduces identifying characteristics, and presents an overview of procedures for evaluation and treatment. Topics include cultural and linguistic diversity, evidence-based practice, and current trends in the discipline.

**SPA 4227. Acquired Communication Disorders (3).** This course introduces the principles involved with diagnosis and treatment of adults with communication disorders. Students in this course develop a fundamental knowledge of voice disorders, dysphagia, head and neck
cancer, neurogenic communication disorders, motor speech disorders, language disorders and cognitive-linguistic disorders.

SPA 4302. Introduction to Clinical Audiology (3). An introduction to disorders of hearing and the measurement of hearing loss by pure-tone, speech, and impedance audiometry.

SPA 4302L. Introduction to Clinical Audiology Laboratory (1). (S/U grade only.) Prerequisite or Corequisite: SPA 4302. This course is the practical application of the techniques learned in SPA 4302.

SPA 4321. Aural (Re)habilitation I (3). Prerequisite: SPA 4302. Diagnostic-evaluation and (re)habilitation techniques.

SPA 4400. Children’s Language Disorders (3). Prerequisite: LIN 3710. Introduction to etiologies, behavioral observations, tests, and basic management procedures of language impairment.

SPA 4411. Acquired Language Disorders (3). Prerequisites: LIN 3710; SPA 4104. Provides the student with the etiological, diagnostic, prognostic, psychosocial, and clinical management aspects of aphasia, apraxia, and dementia; also includes communication problems of patients with right hemisphere damage.

SPA 4443. Nature of Autism and Severe Communication Disorders (3). The purpose of this course is to provide class participants with an overview of the characteristics and etiology of autism spectrum disorders and the knowledge needed to develop effective communication and language assessment and intervention strategies for individuals with autism and severe communication disabilities.

SPA 4501. Clinical Methods (3). This course is designed to acquaint the major with the organizational structures and operations of various professional work settings.

SPA 4556c. Practicum in Developmental Disabilities (3). This course is designed to provide a field experience for undergraduate students to gain an understanding of the services available to help people with developmental disabilities. May be repeated to a maximum of six (6) semester hours.

SPA 4800. Research Evaluation (3). Elements of quantitative research; application of psychophysiological research methods to human communication problems.

SPA 4905c. Directed Individual Study (1-3). May be repeated to a maximum of eight (8) semester hours. May enroll in more than one section during the same semester.

SPA 4907b. Honors Thesis in Communication Disorders (1-6). Prerequisites: Admission to honors program and Department of Communication Disorders. Course is available to seniors who are majoring in communication disorders and who are interested in undertaking independent and original research under the direction of a faculty member whose area of expertise matches the students’ interest. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

SPA 5055r. Professional Tools in Speech–Language Pathology (1–3).

SPA 5132. Speech Science (3).

SPA 5133r. Instrumentation in Communication Science (1–3).

SPA 5204. Phonological Disorders (3).

SPA 5211. Voice Disorders (3).

SPA 5225. Fluency Disorders (3).

SPA 5230. Motor Speech Disorders (3).

SPA 5252. Speech Production and Swallowing Disorders (3).

SPA 5254. Acquired Neurolinguistic and Cognitive Disorders (3).

SPA 5256. Developmental Speech Disorders (3).
Other affiliated research laboratories and research groups include the following:

- The Security and Assurance in Information Technology (SAIT) Laboratory is dedicated to synthesis of education and research through the combined focus on theory and application of information security techniques.
- The Architecture, Compilers and Embedded Systems (ACES) Laboratory investigates a wide variety of issues related to its namesake fields. Tools are also constructed to assist architects and compiler writers for these investigations.
- The Vision Laboratory conducts research motivated by psychophysical data and neurophysiological findings to develop models for real-world problems.
- The Large-scale Experimental Networks and Systems (LENS) Group investigates issues in networking and systems such as QoS routing, communication algorithms, overlay networks, performance analysis, and message passing libraries.
- The Florida Cybersecurity Institute (FCI) is a joint venture of the Florida Department of Law Enforcement (FDLE), the Florida State University (FSU), and the National White Collar Crime Center (NW3C). It conducts research and educational activities in support of cybersecurity and cybercrime analysis and investigations. Active research groups also study the following: brain imaging, realistic illumination, web-based 3D simulation, tools for distributed applications, tools for weather forecasting, probabilistic networks, knowledge-based management decision tools, random number generation, Monte Carlo and Quasi-Monte Carlo methods, grid-based computing, POSIX/Ada Real-time systems, application of fuzzy relations and non-classical logics, and modeling and simulation environments.

Degrees Offered

The Department of Computer Science offers programs leading to the bachelor of science (BS) and bachelor of arts (BA) degrees, the master of science (MS) and master of arts (MA) degrees, and (in support of cybersecurity and cybercrime analysis and investigation. Active research groups also study the following: brain imaging, realistic illumination, web-based 3D simulation, tools for distributed applications, tools for weather forecasting, probabilistic networks, knowledge-based management decision tools, random number generation, Monte Carlo and Quasi-Monte Carlo methods, grid-based computing, POSIX/Ada Real-time systems, application of fuzzy relations and non-classical logics, and modeling and simulation environments.

 Degrees Offered

The Department of Computer Science offers programs leading to the bachelor of science (BS) and bachelor of arts (BA) degrees, the master of science (MS) and master of arts (MA) degrees, and the doctor of philosophy (PhD) degree in computer and information sciences (CIS). At the bachelor and master levels, programs of study are available for those who plan to work toward higher degrees, as well as for students planning on careers as computing professionals.

The department also offers a combined BS/MS degree program, designed for academically strong students who wish to pursue an accelerated program culminating in a BS and a MS degree in Computer Science. Students who have reached junior status and have at least a 3.5 GPA (overall and in CS/Mathematics courses) should contact the departmental adviser for more information.

Accreditation

The undergraduate program in computer science is accredited by the Computer Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD, 21202-4012; (410) 347-7700.

Distance Learning

The undergraduate majors are available via Internet-supported distance learning. Certain limitations regarding students seeking admission to upper-division studies in the computer science department apply. For more information contact The Florida State University’s Office for Distributed and Distance Learning at http://www.oddl.fsu.edu.

Honors in the Major

The Department of Computer Science offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. COP XXXX (introductory programming in Ada, C, C++, or PASCAL or equivalent language);
2. MAC X311;
3. MAC X312;
4. PHY X048/X048L;
5. PHY X049/X049L or PHY X049C;
6. Two science courses (six [6] semester hours) for science majors.

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Requirements for Majors in Computer Science

The undergraduate program in computer science is limited access. For each admission cycle (academy year) a minimum GPA is established by the Department of Computer Science that limits enrollment to a number of students consistent with the available faculty and space. In addition, students must have completed the State of Florida Common Course Prerequisite (MAC X311 and COP XXXX, Introductory Programming in C/C++ or Java) with the grade of “C–” or better in order to be considered for entrance. Upon entrance into the program, the student must maintain a 2.5 GPA to remain in good standing in the major.

A student who has accumulated more than five grades below “C–” (including grades of “U”) in mathematics, statistics, natural science, or computer science courses taken for college credit at The Florida State University or elsewhere, whether repeated or not, will not be permitted to continue as a major in the department. There are currently two majors for the CIS bachelor’s degree: computer science (CS), and software engineering (SE). In the following listing of requirements, courses that are required for only one major are marked with the major abbreviation in parentheses.

A grade of “C–” or better must be earned in each of the following courses: CDA 3100, 3101; CEN 4010 (SE); COP 3014, 3330, 3331, 3344, 4020 (CS); 4530, 4531, 4610, 4710; COT 4420(CS), 4425(SE); MAC 2311, 2312; MAD 2104, 3105; SPC 2600; STA 4442; another advanced mathematics, statistics, or theoretical computer science course approved by the department, with a prerequisite of calculus or discrete mathematics.

In addition, the student must complete at least eleven (11) semester hours of computer science electives, at least nine (9) semester hours of which must be at the 4000 level. One of the electives must cover an additional programming language not presented in the other required course offerings. CIS 4900, Directed Individual Study (1–4) will not count toward 4000 level CS electives. The student must complete PHY 2048C, 2049C and three (3) additional semester hours of science in a discipline other than physics. All courses used to satisfy the science requirement must be identified as “For Science Majors” within the Liberal Studies Program (or have such a course as a prerequisite). Approval is to be requested prior to registration for the elective courses. All students are required to complete an exit survey for both the Department of Computer Science and the College of Arts and Sciences during their term of graduation. These forms may be obtained from the Academic Coordinator’s Office (Room 203C Love Building). Students following this degree will complete a total of at least one hundred twenty (120) semester hours in order to satisfy all University and major requirements.

Note: These requirements are subject to change. Please refer to http://www.cs.fsu.edu/current/undergrad/ for the most current information.

Minor

The required collateral courses in mathematics, physics, and statistics constitute an acceptable interdisciplinary minor. Students may contact the undergraduate adviser for information concerning other acceptable minors.

Requirements for a Minor in Computer Science

A minor in computer science consists of twelve (12) semester hours in a specific combination of computer science courses for which the student...
has obtained written approval in advance from the department. Students must also satisfy stated prerequisites before enrolling in any computer science course. A grade of "C–" or better must be earned in each course counted toward the minor.

Definition of Prefixes

CAP—Computer Application Development
CDA—Computer Design/Architecture
CEN—Computer Software Engineering
CGS—Computer General Studies
CIS—Computer Science and Information Systems
COP—Computer Programming
COT—Computer Theory

Note: Before taking a computer science course, the student must complete with a grade of "C–" or better each course prerequisite to that course. Moreover, a student who earns a "C–" or better in a course with one or more stated or implied prerequisites may not subsequently earn credit in the prerequisite course(s). For example, a student who has earned a "C–" or better in CDA 4150 may not subsequently enroll in CDA 3101 or MAD 3105.

Undergraduate Courses

Note: Certain courses are sometimes offered in a distributed format and as such are available to distance learning students in addition to residential students. Contact the computer science department for details or go to http://www.cs.fsu.edu.

CDA 3100. Computer Organization I (3). Prerequisite: COP 4530. This first course in computer architecture deals with the logic and design of computer hardware, focusing on the instruction set architecture principle, and the machine instruction cycle. Assembly language programming introduces fundamental concepts in computer organization and digital logic design, including Boolean algebra, switching algebra, and the machine instruction cycle. Assembly language programming is also presented, reinforcing basic computer structure and machine cycle operation principles.

CDA 3101. Computer Organization II (3). Prerequisite: CDA 3100. Fundamental concepts in processor design, including data path and control, pipelining, memory hierarchies, and I/O.

CDA 4150. Computer Architecture (3). Prerequisites: CDA 3101; MAD 2104. High performance architecture design and analysis, including memory-system design, pipelining, vector computers, and multiprocessors.

CDA 4151. Introduction to Computer Networks (3). Prerequisite: COP 4530. Circuit switched and packet switched networks, protocols, protocol layering; application layer; socket programming; transport layer, multiplexing and demultiplexing, UDP, TCP, reliability, flow control, congestion control; network layer, routing protocols, switching technologies, multiplexing; mobility; link layer, local area networks, error detection and correction; wireless networks; multimedia networking; network security; network management.

CEN 4010. Software Engineering Principles and Practice (3). Prerequisite: COP 3331. Topics in this course include classical and modern principles and practice of software engineering, including classical and object-oriented approaches to architecture, design, life cycle, and project management; software metrics; change management; teams and teaming tools; reusability, portability, and interoperability; requirements and specification.

CEN 4012r. Mentored Software Project (1–6). Prerequisite: CEN-4010. Experience creating or changing a large software system; putting principles of software engineering into practice. May be repeated to a maximum of six (6) semester hours.

CIS 4016. Distributed Systems and Networks (3). Prerequisite: CDA 3101; COP 3330. Computer networking, distributed object technology; distributed system architecture; enterprise software systems; distributed process scheduling, file systems, shared memory, computer security, and fault tolerance.

CIS 4881. Expert Systems (3). Prerequisites: COP 4530. Topics include: definitions and historical background, methodology tools for analysis and design, survey of existing systems, inference engines, and theory and applications of fuzzy relational products to new developments in inference engines.

CIS 2600. Computer Literacy (3). May not be applied towards computer science major or minor. Not open to students with credit in CIS 2100 or CGS 2010. Functions and program structure; cost effective use of interactive graphics; CAD/CAM; office automation; and computer animation.

CDA 3100. Computer Organization (3). Corequisites: COP 3330, MAD 2104. A core course intended for computer science majors with previous C/C++ background. The course introduces the role of computer hardware in processing applications. Topics include computer numbering systems and number representation, logic gates and design, the Von-Neumann architecture principle, and the machine instruction cycle. Assembly language programming with C language is also presented, reinforcing basic computer structure and machine cycle operation principles.

CDA 4151. Computer Organization II (3). Corequisites: CDA 3100, MAD 2104. A core course intended for computer science majors with previous C/C++ background. The course introduces the role of computer hardware in processing applications. Topics include computer numbering systems and number representation, logic gates and design, the Von-Neumann architecture principle, and the machine instruction cycle. Assembly language programming with C language is also presented, reinforcing basic computer structure and machine cycle operation principles.

CDS 2000. Microcomputer Applications for Business/Economics (3). Prerequisite: MAC 1105. May be repeated to a maximum of twelve (12) semester hours. Course enables students in business and economics to become proficient with microcomputer applications that are hardware and software applications that are typically used in the workplace. The following topics are covered: hardware concepts, operating systems, word-processing, spreadsheets, databases, networks, Internet, world wide web, multimedia presentation and information systems, and database management.

CDS 3066. Introduction to Internet Technology (3). Prerequisite: MAC 1105. A course in computer science. Basic Unix; World Wide Web, Netscape, Mosaic, Lynx, Gopher, UseNet News, Wais, Mime, Netfind, TraceRoute, X-500 directory services, Xv, HTML programming. Prerequisite: CGS 2014. This course introduces Internet development by using World Wide Web pages for government agencies, community organizations, and businesses; topology of FSSU campus network and Tallahassee Metropolitan Network.

CDS 3403. Introduction to COBOL Programming for Business (3). Prerequisite: CDS 3408. Topics include: introduction to COBOL; designing and developing business-oriented programs; administration of COBOL in business and government organizations. Specific program development topics include logic, data structures, database management techniques, and program management. Topics include introduction to and development of Internet tours via the World Wide Web, database design, and developing WWW pages for government agencies, community organizations, and businesses; topology of FSSU campus network and Tallahassee Metropolitan Network.

CDS 3405. Object-Oriented Programming in C++ (3). Prerequisite: MAC 1105. May not be repeated to a maximum of twelve (12) semester hours. This course introduces a brief introduction to object-oriented programming, including basic object-oriented concepts, data abstraction, class and object definitions, and object-oriented data structures. Topics include: introduction to object-oriented paradigm, NOS, arrays, strings and vectors, pointers, and recursion. Emphasis is on program problem-solving.

CDS 3408. Introduction to Programming with the C Language (3). Prerequisite: MAC 1105. This course is an introduction to C programming. Topics include data types, operators, and control flow; use of pointers; C program structure; and software design techniques. Eight to ten programming projects are required.

CDS 3416. Java Programming for Nonspecialists (3). Prerequisite: CDS 3408. Topics include Java basics, a review of structured and object-oriented programming concepts, objects, classes, constructors, interfaces, methods, classes, object orientation, compilation, virtual machines, applications, user APIs, HTML, XML, and XHTML.

CDS 3460. FORTRAN for Nonmajors (3). Prerequisite: MAC 1105. May not be applied toward a computer science major. Introduction to programming; rudiments of FORTRAN, programming by computer; basic data types, basic control structures, arrays and subroutines, further control structures, subprograms, formatted input/output.


CIS 3931r. Intermediate Topics in Computer Science (2–3). Prerequisite: COP 3502. Topical and prerequisites will vary from term to term and section to section. Analyzes intermediate and advanced topics in computer science. May be used to take a deeper look at the foundations and philosophy of programming language in the context of applications for which the language is particularly suited. May be repeated to a maximum of nine (9) semester hours.

CIS 3943r. Internship in Computer Science (3–6). Prerequisite: at least six (6) semester hours in computer science or software engineering at or above the 4000 level. May be repeated for a maximum of 12 semester hours. Work experience with a firm or agency to be determined on an individual basis. May be repeated to a maximum of 12 semester hours.

CIS 4360. Introduction to Computer Security (3). Prerequisite: CDS 3408 or equivalent programming course. Course covers computer security threats and attacks, covert channels, secret sharing, denial of service; access control systems; access control systems; access control models; authentication, models of security, database security, administering security, physical security and TEMPEST, and brief introductions to network security and legal and ethical aspects of security.

CIS 4361. Applied Computer Security (3). Prerequisite: CDS 4530. This course addresses security threats and vulnerabilities to information systems and provides a hands-on opportunity for students to work with current technology used to counter such threats. Fundamental theories in computer security are also introduced.

CIS 4362. Network Security and Cryptography (3). Prerequisites: COP 4530, MAD 2104; permission of the instructor. This course examines threats to computer networks, network vulnerabilities, techniques for strengthening passive defenses, tools for establishing an active network defense, and policies for enhancing forensic analysis of crimes and attacks on computer networks. Topics include private and public key cryptography, digital signatures, protocols, authentication, security protocols for electronic mail, privacy and security for electronic mail, electronic mail security, firewalls, intrusion detection, Internet privacy and public key infrastructures.

CIS 4407. Computer and Network System Administration (3). Prerequisites: CDS 4360 or COP 3504. This course offers a hands-on introduction to Unix and Microsoft Windows software and network administration. Topics include the following: installation, maintenance, and extension of a multi-user computer system; development of administrative policies and procedures; user assistance and education; specifics of the Unix and Windows operating systems, troubleshooting and problem solving.

CIS 4900r. Directed Individual Study (1–4). May be repeated to a maximum of twelve (12) semester hours.

CIS 4903r. Special Topics in Computer Science (3). Prerequisite: at least six (6) semester hours in computer science or software engineering at or above the 4000 level. May be repeated to a maximum of twelve (12) semester hours.

CIS 4933r. Honors Work (3). May be repeated to a maximum of nine (9) semester hours.

COP 2721. Introduction to Database Systems and Internet Services (3). This course is a hands-on introduction to the principles of computer hardware and software, database systems, and the Internet. It explores the concepts and techniques that support Web site development.
Students learn to design and implement simple database systems and to create Web sites that interact with databases.

**COP 3330. Programming Languages (3).** Prerequisite: COP 3330. Definition, use and implementation of generic data structures using a modern programming language; reusable program components.

**COP 3331. Operating Systems and Concurrent Programming (3).** Prerequisite: COP 4530. Design principles of batch, multiprogramming, and time-sharing operating systems; linking, loading, input-output systems, interacting processes, storage management, process and resource control, file systems.

**COP 3332. Real-Time Systems (3).** Prerequisite: COP 4530. Survey of issues in the design and implementation of real-time computer systems. Topics include: the use of computers for controlling real-time processes, the use of Ada in embedded computer systems, and implementation of a real-time computer system.

**COP 3333. Theory and Structure of Databases (3).** Prerequisite: COP 3330, MAD 2104. Design principles of database management systems and SQL; design, development, and implementation issues in database systems.

**COP 3334. Unix Tools (3).** Prerequisite: COP 3330. This course is an introduction to selected Unix tools and utilities that are useful for advanced users, programmers, and system administrators, such as shell scripts, the perl language, revision control systems, debuggers, editors, and the make, awk, sed, and expect utilities.

**COT 4420. Data Structures, Algorithms and Generic Programming (3).** Prerequisite: COP 3330. Definition, use and implementation of generic data structures using a modern programming language; reusable program components.

**COT 4421. Complexity and Analysis of Data Structures and Algorithms (3).** Prerequisite: COP 4420. STA 4442. Analysis of the complexity of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs.

**COT 4460. Operating Systems and Concurrent Programming (3).** Prerequisite: COP 4450. Pre- and corequisite: CDA 3100. Design principles of batch, multiprogramming, and time-sharing operating systems; linking, loading, input-output systems, interacting processes, storage management, process and resource control, file systems.

**COT 4461. Real-Time Systems (3).** Prerequisite: COP 4450. Survey of issues in the design and implementation of real-time computer systems. Topics include: the use of computers for controlling real-time processes, the use of Ada in embedded computer systems, and implementation of a real-time computer system.

**COT 4470. Theory and Structure of Databases (3).** Prerequisite: COP 3330, MAD 2104. Theory of relational and object-oriented database management systems, database design using programming languages, and SQL; design, development, and implementation issues in database systems.

**COT 4481. Web Applications Programming (3).** Prerequisite: COP 3325. This course teaches programming of distributed web applications using Java Database Connectivity, Servlets, Java Server Pages, Remote Method Invocation, and Enterprise JavaBeans (EJB session and entity beans). Use of the San Microsystems Java 2 Enterprise Edition development platform either directly or through an Integrated Development Environment such as IBM’s WebSphere is also covered.

**COT 4490. Theory of Computation (3).** Prerequisite: MAD 3105. Introduction to the theory of computation, including models of computation such as Turing machines; theory of programming languages, including grammars, parsing, syntax and semantics.

**COT 4495. Formal Methods in Software Engineering (3).** Prerequisite: COP 3331; MAD 3105. Formal methods in software analysis and design, including formal specification and verification.
CRIMINOLOGY AND CRIMINAL JUSTICE

COLLEGE OF CRIMINOLOGY AND CRIMINAL JUSTICE

Professors: Blomberg, Chiricos, Doemer, Gertz, Kleck, Maier-Katkin, Waldo; Associate Professors: Bales, Bullington, Coonan, Greek, Mears, Reisig; Assistant Professors: Barker, Close, Hay, Holtfreter, Kutnjak Ivkovich; Professors Emeriti: Czajkoski, Jeffery, Kirkham

The College of Criminology and Criminal Justice offers undergraduate and graduate programs leading to the bachelor of science (BS), bachelor of arts (BA), master of science (MS), master of arts (MA), and doctor of philosophy (PhD) degrees. In addition to the general criminology and criminal justice degree programs, a dual master’s program is offered with the School of Public Administration and Policy and the School of Social Work. For undergraduates, certificates are available in corrections, law enforcement, and security administration. Evening programs are offered for undergraduate and graduate students. An accelerated bachelor’s to master’s degree program is offered in criminology and criminal justice for eligible students.

Refer to the “College of Criminology and Criminal Justice” chapter in this General Bulletin for additional details on degree requirements, the college, student opportunities, and financial aid.

Academic Performance and Retention

The College of Criminology and Criminal Justice reserves the right to discontinues enrollment of any student in the major at any time if satisfactory academic progress is not being made. Specifically, majors in the College of Criminology and Criminal Justice must make a “C” or better in the three (3) core classes. A student who has accumulated three (3) unsatisfactory grades (U, F, D–, D, D+) in criminology and criminal justice courses taken for college credit at The Florida State University or elsewhere, whether repeated or not, will not be permitted to continue or graduate as a major in the College.

A criminology and criminal justice major who applies for readmission to the college must meet the criminology and criminal justice degree requirements of the General Bulletin in force on the date of readmission.

Major Requirements

To major in criminology and criminal justice, a student must complete thirty-six (36) semester hours in criminology, including three (3) core courses. An optional one-semester full-time (15 semester hour) internship is available. If a student chooses to take the internship, only three (3) of the fifteen (15) semester hours will count toward the required thirty-six (36) hours in the major. Majors in the program are required to complete a minor or second major in another department or program outside the College of Criminology and Criminal Justice, and they must meet all requirements stipulated by that department or program.

For students transferring from another four year university, at least twenty-seven (27) semester hours must be earned at Florida State University in the College of Criminology and Criminal Justice; the University requires the last thirty (30) semester hours prior to graduation be taken at Florida State University. In addition, all regular University requirements must be met for either the bachelor of arts (BA) or the bachelor of science (BS) degrees.

Core Courses

The three (3) core courses are Criminology (CCJ 3011), Introduction to Criminal Justice (CCJ 2020), and Introduction to Research Methods in Criminology (CCJ 4700). Two core courses (CCJ 3011 and CCJ 4700) are expected to be taken at Florida State University; CCJ 2020 can be taken at the community college level; CCJ 2020 can be taken at the community college level. A minimum grade of “C” (2.0) must be obtained in each core course.

Internships

A variety of internships are available at the local, state, and federal levels in the fields of law enforcement, courts, corrections, criminal justice planning, criminological research and private sector opportunities. The internship is available for juniors and seniors who have completed the core courses (CCJ 2020, 3011, and 4700) and have satisfied the CLAST requirement. The intern receives a satisfactory/unsatisfactory (S/U) grade, and full credit is given upon successful completion of both the academic component and work hours.

Students are advised that information pertaining to all matters of public record, such as arrests and convictions, may be required by the agencies accepting interns. Although a reasonable effort is made to place a student in an internship, Florida State University will not be liable if a student cannot be placed. Students are usually responsible for all living and transportation expenses during the field experiences.

Minor Requirements

For information concerning requirements for the minor in criminology and criminal justice, please refer to the ‘Minor Requirements’ section in the “College of Criminology and Criminal Justice” chapter in this General Bulletin.

Certificates

The College of Criminology and Criminal Justice offers four certificate programs: corrections, law enforcement, security administration, as well as one in underwater crime scene investigation offered at the Panama City Campus.

Honors in the Major

The College of Criminology and Criminal Justice encourages its honor students to participate in the honors in the major program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

CCJ—Criminology and Criminal Justice
CJC—Corrections
CJE—Law Enforcement
CJ—Juvenile Justice
CL—Law and Process

Undergraduate Courses

CCJ 1005. Criminology Freshman Seminar (3). Introduces criminology students to pivotal readings and philosophies of the criminal justice system and exposes students to a variety of speakers and opinions related to criminal justice.
CCJ 2020. Introduction to Criminal Justice (3). Designed to provide freshman and sophomore students with knowledge of terminology, classification systems, trends, and theories of criminal justice. Not open to criminology majors beyond their first term as a junior.
CCJ 3010. Corrections (3). This course provides an overview of correctional philosophies, practices, and procedures.
CCJ 3011. Law Enforcement (3). This course is designed to provide an advanced survey of law enforcement concentrating on the police, with emphasis on functions (law enforcement, order maintenance, public service) and responsibilities (e.g., preservation of constitutional rights, community relations), including organizational and management aspects.
CCJ 3110. The Courts (3). This course examines the jurisdiction, policies, and procedures of courts in the administration of criminal justice.
CCJ 3644. White Collar Crime (3). An overview of major issues in the study of white-collar crime. Topics include conceptual and definitional debates; forms of white-collar crime; theories and causes; offenders, victims, and costs; and investigation, prosecution, and sentencing.
CCJ 3654. Drugs, Drug Users and the Justice System (3). This course provides an introduction into the history, pharmacology, health consequences, and crime-related aspects of mind-affecting drugs. Emphasis on effects on criminal behavior, the legal response to the problem, and treatment and prevention of abuse.
CCJ 3666. Victimology (3). This course examines the role of victims in crimes, their treatment by the criminal justice system, their decisions to report crimes and help prosecute offenders, victim assistance, and victim compensation. Special focus on sexual battery and domestic violence.
CCJ 3667. Religion and Crime (3). This course provides an overview of the influence of religion on crime from historical, sociological and criminology perspectives. Students learn how religion operates both as a protection against crime and as a motivation for crime.
CCJ 3677. Crimes against Humanity (3). This course is a multi-disciplinary examination of the emergence and impact of modern conceptions of human rights, including inquiry into the national and sources of rights and of institutions for their enforcement, such as International War Tribunals and Peace and Reconciliation Commissions. Focuses on case studies of the violation or abrogation of human rights doctrines, drawing on literature, law, philosophy, history, religion, and the social sciences to explain and respond to the phenomena of crimes against humanity.
CCJ 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
CCJ 4004. Comparative Criminology and Criminal Justice (3). This course introduces students to a global, comparative approach to the study of crime and criminal justice systems, beginning with the discussion of transnational crime and issues related to its measurement and continuing with the study of the four major legal traditions (common law, civil law, socialist
This course provides an examination of juvenile delinquency and juvenile justice, including legal and social history, definition and explanation of delinquency, and assessment of delinquency prevention and correctional programs, with emphasis on application of philosophical, legal, and procedural principles to problems and cases of juvenile justice. Involves community service hours.

CCJ 4031. The Individual and Society (3). Introduces an understanding into normal human behavior and development in social context.

CCJ 4038. Law, Society and the Administration of Justice (3). Examines how law shapes and is shaped by economic relations, morality, social solidarity, state institutions, political domination, democratic governance, and legal consciousness, and how law impacts and is influenced by race, gender and class relations. The course explores how social groups use law and legal ideology to press their rights to remedy social inequalities and to what extent these groups succeed. Students become familiar with major theoretical traditions in law and society as well as sociological issues such as civil rights, the legislation of morality, and the administration of justice.

CJL 4064. Individual Rights and the Criminal Justice System (3). Examination of the full range of rights in criminal justice, dealing with them not only in broad philosophical and social terms but also in terms of specific instances, including the rights of the accused and extending to the rights of convicts, witnesses, victims, probationers, ex-convicts, officials, journalists, and the more generalized rights of participation by interest group advocates, taxpayers, and citizens in criminal justice policy and administration.

CJL 4110. Substantive Criminal Law (3). Examination of the central principles of criminal law, which includes the substantive elements defining criminal conduct for specific crimes and the various elements and conditions for criminal liability.

CJE 4114. Police Problems and Practices (3). Provides an analysis of both the traditional and contemporary issues and problems existing in the law enforcement community. Topics represent a wide variety of concerns, including such areas as corruption, police use of deadly force, and the utilization of law enforcement to combat corporate crime, computer crime, and terrorism.


CJC 4209. Correctional Policy (3). Examines the roles the courts pursue in determining social policy as it relates to criminology. Emphasis is directed toward the political and social inputs that influence judicial decision making and the role of democracy and punishment in the courts. These topics will be examined using current social policy. (Satisfies oral communication requirement).

CJC 4283. Historical, Philosophical, and Ethical Issues in the Criminal Justice System (3). Provides an examination of the most important foundational, philosophical, and ethical issues in the criminal justice system, which includes the justification of criminal law, the relationship between morality, and the moral rationale of punishment.

CJC 4410. Theories and Methods of Offender Treatment (3). Introduces theories and techniques that may be employed within the boundaries of probation, parole, or prison to influence and alter the attitudes, values, and behaviors of persons adjudicated guilty by the criminal justice system.

CJC 4411r. Methods of Offender Treatment Practicum-Men Helping Men (3). Prerequisite: CJC 4410. Allows students to implement the theories and methods of treatment in a correctional setting. Students work with the professor to implement and co-facilitate abuse and violence intervention.

CJC 4450. Criminal Justice Administration (3). Application of organization and administration theories to the criminal justice system.

CJC 4487. Complex Public Policy (3). Examines historically significant and recent crime and criminal justice policies in terms of their antecedent factors, their impact on measurable outcomes, and their unintended consequences.

CJC 4601. Human Behavior (3). Examines the social origins of human and deviant behavior from a multidisciplinary approach (biological, psychological, sociological, criminological); addresses major theories and research, including case studies illustrating of deviant behavior such as drug abuse, suicide, mental illness, and sexual deviance.

CJC 4610. Criminal and Delinquent Behavior (3). Examination of patterns of criminal and delinquent behaviors in light of theories and classification concepts.

CJC 4610. Crime Detection and Investigation (3). Introduction to the lawful gathering and evaluation of information concerning criminal acts, with attention to the fundamentals of investigation, the organization and management of the investigative process, and the knowledge and skills necessary for investigation.

CJC 4662. Minorities, Crime, and Social Policy (3). Examines the involvement of minorities, especially African-Americans, in crime and in the criminal justice system. Special attention is paid to the role of racism in theories of crime and in American law and to the treatment of minorities by the various components of the criminal justice system. May require community service hours.

CJC 4663. Women, Crime and Justice (3). Provides a flexible forum for the study and discussion of female crime and delinquency and gender issues in the criminal justice system.

CJC 4700. Introduction to Research Methods in Criminology (3). Basic methodological and statistical issues in criminology.

CJC 4816. Public and Private Security (3). Introduces an overview of the major topics of public and private security. The topics represent a wide variety of concerns, including such areas as historical development, the role of security in society, and current practices and standards.

CJC 4805. Directed Individual Study (1–4). A student registered for an individual-study course must submit a prospectus, outline, and bibliography and schedule at least one conference a week on campus. May be repeated to a maximum of twelve (12) semester hours. Enrollment requires prior approval of instructor and dean.

CJC 4809r. Honors in Criminology (3). This course is designed for upper-division students with a grade point average of 3.2 in all courses. May be repeated to a maximum of twelve (12) semester hours.

CCJ 4033r. Seminar in Criminology (3). Introduces varying topics of selected interest and contemporary significance, discussed in a seminar format. May be repeated to a maximum of twelve (12) semester hours.

CCJ 4038r. Special Topics in Criminology (1–3). Contents of this course vary as instructors present different developments, problems, and controversies. May be repeated to a maximum of twelve (12) semester hours. May be repeated during the same semester.

CCJ 4940. Internship in Criminology (15). (S/U grade only.) Field placement in an approved criminal justice agency for integration of theory and practice through participant observation study. The following courses are offered only at the Panama City Campus, as part of the Certificate in Underwater Crime Scene Investigation.

CJE 3761L. Introduction to Underwater Investigation Laboratory (1). Corequisite: CJE 3761. This laboratory course presents the principles and practice of compressed-gas as a life support technique to enter underwater environments. Students develop proficiency in the basic skills required to perform safe underwater investigations, including observations and conducting underwater environmental surveys.

CJE 4762. Forensic Science in Investigation (3). This course combines theories of the conduct of crime with knowledge of how physical evidence is produced during the commission of a crime to produce information that enables the investigation and prosecution of criminal activity. Emphasis is placed on decision-making in forensic science examinations and evaluation of their reliability.

CJE 4762L. Forensic Science in Investigation Laboratory (2). Corequisite: CJE 4762. This laboratory application various techniques for the examination of physical materials generated during the commission of a crime in order to produce information required to detect and investigate criminal activity. An emphasis is placed upon the implementation of protocols and calculation of error rates.

CJE 4763. Scientific Underwater Investigation (3). Prerequisites: CJE 3761. This course builds upon the Introduction to Underwater Investigation by providing the technology to collect data in an underwater environment according to the scientific method. This course presents the similarities and differences between the techniques used in forensic science and other science disciplines that function underwater.

CJE 4763L. Scientific Underwater Investigation Laboratory (1). Prerequisite: CJE 3761L. Corequisite: CJE 4763. This laboratory builds upon the Introduction to Underwater Investigation Laboratory by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use traditional underwater technology adapted from forensic science and other scientific fields.

CJE 4764. Underwater Crime Scene Methodology (3). Prerequisites: CJE 4762, 4763. This course synthesizes the various theories for the conduct of crime with the knowledge of how physical evidence is produced during the commission of a crime on or under, the water in order to produce information that enables the investigation and prosecution of criminal activity.

CJE 4764L. Underwater Crime Scene Methodology Laboratory (1). Prerequisites: CJE 4762, 4763. Corequisite: CJE 4764. This laboratory applies traditional underwater measurement methodology for the examination of physical materials generated during the commission of a crime on, or under, the water in order to produce misformation that enables the investigation and prosecution of criminal activity.

CJE 4765. Underwater Crime Scene Investigation (3). Prerequisites: CJE 4764. This course consists of various analytical underwater examinations into a holistic investigation process designed to locate and detect persons and physical evidence involved in, or victims of, crimes in or on the water. Emphasis is placed on the theory of the technology and the scientific decision-making required for its optimum application and on conducting an investigative program.

CJE 4765L. Underwater Crime Scene Investigation Laboratory (1). Prerequisite: CJE 4765. This laboratory course applies methodology based on advanced technology to enhance the location and detection of physical evidence used, or intended for use, in the commission of underwater crimes. Emphasis is placed on the use of the incident command system and the UCSI Protocol for management of a crime scene investigation.

Graduate Courses

CCJ 5016. Crimes of the Powerful (3).

CCJ 5020. Juvenile Justice (3).

CCJ 5024. Police and Society (3).

CCJ 5026. Social Justice (3).

CCJ 5027r. Seminar in Social Justice (3).

CCJ 5028r. Seminar in Criminal Justice (3).

CCJ 5029. The Political Economy of Crime and Justice (3).

CCJ 5078. Computer Applications in Criminal Justice (3).

CJC 5062. Science, Evidence and the Law (3).

CJC 5265. Survey of Criminal Justice Studies (3).

CJC 5309. Penology (3).

CJC 5400. Criminal Hypotheses, Criminal Procedure and Individual Rights (3).

CJC 5456. Criminal Justice Administration (3).

CJC 5485. Organizations and Public Policy in Criminal Justice (3).

CJC 5520. Structure and Process of the American Court System (3).

CJC 5546. Prevention and Treatment of Crime and Delinquency (3).

CJC 5605. Theory in Criminology and Criminal Justice (3).

CJC 5606. Survey of Criminological Theories (3).
The Florida State University Department of Dance

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: Elizabeth Patenaude; Professors: Davis, Farrell, Fichter, Morgan, Patenaude, Phillips, Sommer, Wagoner, Young, Zollar; Associate Professors: Austin, Corbin, Humphreys, Perpener, Sandifer, Welsh; Assistant Professor: Glenn; Associate in Dance: Clark

The Department of Dance offers work leading to the bachelor of fine arts (BFA) degree in dance in an environment conducive to the highest calibre of dance training, practice and scholarship. Our vision of dance in higher education encourages fluidity between the living art form and scholarly investigation, and dynamic interaction between the training of dancers and the development of scholars. This approach is intended to foster cultivation of the individual’s creative, performance, and scholarly voices through exposure to diverse practical and philosophical approaches to dance studies and the development of critical thought processes.

The curriculum is designed to prepare the student who wishes to enter dance as a profession. Of the many professional avenues in which dance can be pursued and practiced, the following constitute the emphasis of the undergraduate major curriculum at this University: performance and choreography. The theoretical aspects of dance (pedagogical, historic, aesthetic) are also stressed.

To fulfill the purpose of the program, the faculty consists of outstanding artist-teachers and scholars who are committed to the model of intensive professional training within the context of a broad University education. A full production schedule offers extensive opportunities for repertory study, performance, and choreography, complemented by work with guest choreographers and visiting lecturers. Part of the department’s mission is to serve as a regional repertory center for the reconstruction and production of dance masterworks and the creation of original repertory. The program’s facilities include spacious studios and The Nancy Smith Fichter Dance Theatre.

In addition to the dance major degree program, the department offers some liberal studies course work and elective course work for the general University student. The department also offers work leading to the master of fine arts (MFA) degree in dance and a master of arts (MA) degree in dance with a major in studio and related studies, as well as a master of arts (MA) degree in American dance studies. Interested students should consult the Graduate Bulletin for details.

The Florida State University Department of Dance is an accredited institutional member of the National Association of Schools of Dance.

Audition and Screening

All undergraduate students who wish to major in dance must audition for admission into the dance major program. Auditions are held at designated periods throughout the year.

Assessment of every dance major occurs at various times throughout each year to evaluate the student’s progress in the major program. Such assessment is part of a continuous advisement and monitoring procedure. A probationary period may be established if a student is having difficulty and needs special attention. A student who cannot meet the departmental proficiency standards will be discontinued from the dance major program.

Placement and Proficiency

Intrinsic to the development of a dancer is the technical command of the instrument and the expansion of the vocabulary of movement; therefore, dance majors are continually assessed during their curricular experiences in order to be placed at the correct level of studio work in dance technique. All students are assigned an appropriate placement level in ballet and contemporary dance upon entrance into the program and must maintain continuous participation in ballet and contemporary dance technique classes throughout enrollment in the curriculum. Students who demonstrate the skill necessary for the next level of work upon completion of a studio technique course will be permitted to enroll at the next level. If not, they will be expected to continue in designated courses at their level of technique until they are ready to advance. To meet graduation requirements, the student must achieve and maintain the ballet III level and the contemporary dance II level or the contemporary dance III level and the ballet II level; the advanced proficiency level (III) must be achieved by one semester prior to graduation.

Performance

The dance major is required to participate in a minimum of four performing experiences sponsored by the department.

Florida Teacher Certification in Dance

A program will be designed for the BFA degree-seeking student who wishes K–12 teacher certification in dance. Additional hours beyond the one hundred twenty-eight (128) semester hours required for the BFA degree are necessary to achieve full certification.

Liberal Studies

All students working toward a degree in dance are required to meet the liberal studies requirements.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common prerequisites or approved substitutions necessary for this degree program:
Dance—BFA Track

Any twenty-four (24) semester hours from the following thirty (30) semester hours will be accepted toward the major:
1. DAN X610 (3) or DAN X600 (3);
2. DAN X611 (3) or DAN X601 (3);
3. DAA X610 (2);
4. DAA X611 (2);
5. DAA X680 (2) and DAA X681 (2), or any lower level repertory courses in the 400–499 series up to four (4) semester hours;
6. Up to eight (8) semester hours of any lower level ballet technique courses (with the DAA prefix) within the 200–209 taxonomy;
7. Up to eight (8) semester hours of any lower level modern technique courses (with the DAA prefix) within the 100–109 taxonomy.

Note: Although credit toward the major will be given for these placement or permission of instructor. This placement or permission of instructor. Each course may be repeated to a maximum of twenty-four (24) semester hours.

Minimum Requirements for the BFA in Dance

1. **Dance Technique.** Thirty (30) semester hours and fulfillment of proficiency requirement. Dance technique courses include DAA 3109r++, 3109r++, 3209r++, 3209r++, 4110r++, 4210r++. The student enrolls in both ballet and contemporary dance throughout enrollment as a dance major except in the following two instances: a) during summer session, students may elect to take only one of the technique courses (either ballet or contemporary dance); b) if students have achieved and maintained the required proficiency levels in technique, they may elect to take only one of the technique courses (either ballet or contemporary dance) during one of the last two semesters before graduation;
2. **Dance Composition and Repertory.** Ten (10) semester hours including DAA 2610, 3614, 3654r, DAN 2611;
3. **Other Dance Courses.** Thirty-seven (37) semester hours, including Dance Ensemble (four [4] semester hours of DAA 1680r, 2681r, 3684r, or 4685r); DAE 3384; DAN 2100, 2500, 2610, 3144, 3145, 3146, 3445, 3504, 3584r, 3714, and 4418.
4. **Liberal Studies.** Thirty-six (36) semester hours. Three (3) hours of the history and philosophy of dance courses—DAN 3144, 3145 or 3146 may be applied to Area IV of liberal studies requirements;
5. **Electives:** Fifteen to eighteen (15–18) semester hours. Students exercising the option under requirement four just above will complete eighteen (18) elective semester hours.

Total: One hundred twenty-eight (128) semester hours.

The applicability of previous course work to dance curricular requirements is assessed and determined by the Department of Dance. A transfer student need not earn the maximum semester hours in dance technique but must fulfill the curricular requirement of maintaining continuous participation in ballet and contemporary dance throughout enrollment in the curriculum and must achieve and maintain the required technical proficiency levels.

Undergraduate dance majors need not earn the maximum semester hours in dance technique if they are able to complete successfully all other University and departmental course requirements for graduation and if they have achieved the required technical proficiency levels prior to accumulation of the maximum hours in technique.

Honors in the Major

The Department of Dance offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research or creative work. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

**DAA**—Dance, Emphasis on Activity
**DAE**—Dance Education
**DAN**—Dance

Undergraduate Courses

**DAN 4901r.** Honors Study in Dance (1–6). Admission to honors in dance program required. Written thesis for creative or academic research done as part of the honors in dance program. May be repeated to a maximum of nine (9) semester hours.

**DAN 4935r.** Special Topics in Dance (1–3). Prerequisites: Vary depending on topic. Topics may vary from term to term. May be repeated to a maximum of twelve (12) semester hours.

**DANCE Technique:** The following courses offer a progression of study to develop technical and performance skills, as well as concepts in dance.

**Ballet**

**DAA 1200r.** Beginning Ballet I—Nonmajors (2). Each course may be repeated to a maximum of six (6) semester hours.

**DAA 1201r.** Beginning Ballet II—Nonmajors (2). Faculty placement or permission of instructor required. Each course may be repeated to a maximum of six (6) semester hours.

**DAA 1202r.** Beginning Ballet III—Nonmajors (2). Faculty placement or permission of instructor required. Each course may be repeated to a maximum of six (6) semester hours.

**DAA 2201r.** Intermediate Ballet—Nonmajors (2). Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

**DAA 2208r++.** Ballet I (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

**DAA 2209r++.** Ballet II (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twenty-four (24) semester hours.

**DAA 4210r++.** Ballet III (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twenty-four (24) semester hours.

**Contemporary Dance**

**DAA 1100r.** Beginning Contemporary Dance I—Nonmajors (2). Each course may be repeated to a maximum of six (6) semester hours.

**DAA 1101r.** Beginning Contemporary Dance II—Nonmajors (2). Faculty placement or permission of instructor required. Each course may be repeated to a maximum of six (6) semester hours.

**DAA 1102r.** Beginning Contemporary Dance III—Nonmajors (2). Faculty placement or permission of instructor required. Each course may be repeated to a maximum of six (6) semester hours.

**DAA 2101r.** Intermediate Contemporary Dance—Nonmajors (2). Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

**DAA 3108r++.** Contemporary Dance I (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

**DAA 3109r++.** Contemporary Dance II (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

**DAA 4110r++.** Contemporary Dance III (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twenty-four (24) semester hours.

**Jazz**

**DAA 1500r.** Jazz Dance I—Nonmajors (2). Prerequisite: Permission of instructor. This practical studio course introduces Jazz Dance as an art form while developing the basic skills and vocabulary of Jazz Dance. It is intended for non-dance majors only. May be repeated to a maximum of twelve (12) semester hours.

**DAA 1501r.** Jazz Dance II—Nonmajors (2). Prerequisite: Permission of instructor. This practical studio course explores Jazz Dance as an art form while developing the more advanced skills and vocabulary of Jazz Dance. For non-dance majors only. May be repeated to a maximum of twelve (12) semester hours.

**Aspects of Dance Performance**

**DAA 1680r.** Dance Ensemble (1). (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

**DAA 2681r.** Special Dance Performance (1). (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

**DAA 3684r.** Dance Ensemble (1). (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

**DAA 3695r.** Dance Performance (1–2). Majors only. Preparation and public performance of selected roles in dance repertory. Official casting and faculty approval required. May be repeated to a maximum of sixteen (16) semester hours.

**DAA 4601r.** Dance Ensemble (1). (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

**Dance Composition and Repertory**

**DAA 2610–2611.** Dance Composition (two [2] hours each). Majors only. Prerequisite: DAA 2610. Exploration of basic rhythmic, spatial, and dynamic materials in the designing of dance movements; improvisation and exploration of various ideological and aesthetic sources.

**DAA 3614.** Dance Composition (2). Prerequisite: DAA 2610. Study of choreographic forms and structures, musical forms, extended temporal and dynamic studies, components of dramatic and stylistic forms.

**DAA 3654r.** Choreography—Repertory (2). The study and practice of selected works of dance repertory. May be repeated to a maximum of sixteen (16) semester hours. Permission of instructor required.

**DAA 4615.** Dance Composition (3). Prerequisite: DAA 3614. Extended choreographic process: production of extended choreographic works. Permission of instructor required.

**Rhythmic and Musical Theory**

**DAA 2610.** Rhythmic Analysis (3). Analysis of rhythmic structures and their relationship to dance form and composition.
DAN 2611. Music and Choreography (3). Prerequisite: DAN 2610. Analysis of various elements of music with relationship to dance performance and/or choreography.

Notation and Movement Analysis
DAN 3445. Labanotation (3). Prerequisite: DAN 2610. Beginning through intermediate skills are introduced and developed. Theoretical materials in labanotation are examined with emphasis on writing and developing reading skills.

DAN 3714. Movement Theory and Body Alignment (3). The study of movement theories and body alignment for the technical aspects of dance performance.

DAN 3754r. Dance Conditioning (2). Studio laboratory for concepts in movement theory and body alignment. May be repeated to a maximum of four (4) semester hours.

Dance Production
DAN 2500r. Introduction to Design (1). This course examines the basic vocabulary, understanding, and appreciation of the design process in dance production. May be repeated to a maximum of two (2) semester hours.

DAN 3504. Dance Production (2). Study of technical aspects of production. Permission of instructor required.

DAN 3584r. Dance Theatre Laboratory (1). Assigned problems in connection with current dance theatre production. May be repeated to a maximum of four (4) semester hours.

DAN 4418r. Survey of Dance Technologies (3). This course provides training and aesthetic guidance for dance artists through the generation of computer-assisted imagery. It sets a foundation for future work in the areas of dance documentation, preservation, creation, promotion and multimedia performance. May be repeated a maximum of six (6) semester hours.

DAN 4484. Documentation Techniques (3). Prerequisite: DAN 4418. This course instructs students in capturing the art of motion, combining hands-on experience with reading, discussion, and critique to develop technical skills and aesthetic awareness related to the documentation of concert dance.

History and Theory of Dance
DAN 2100. Introduction to History and Appreciation of Dance (3). A survey of the development of dance in human culture with emphasis on dance as an art form. The major periods of dance history, choreographic masterworks, and artists in choreography and performance will be explored through readings, discussion, media presentation, live performances, and movement laboratories. No prior dance experience is required.

DAN 4182. Dancing in the Movies (3). This course traces the evolution of dance in the American popular film industry. Emphasis will be placed on how movies manipulate popular stereotypes and icons, revealing the roles of gender, race, fashion, economic and political forces.

DAN 4183. History of African American Social Dance of the Twentieth Century (3). The class traces the major African American social styles of the twentieth century. These dance styles are examined in a context that facilitates understanding their relationship to the culture(s) and events that produced and influenced them.

DAN 3144, 3145, 3146. History and Philosophy of Dance (three (3) hours each). 3144–Origins and development of dance; ritual and social components of dance; dance in early cultures. 3145–Evolution of dance as a theatrical art form; ballet history. 3146–Dance in contemporary times.

DAN 3192. African-American Dance in American Culture (3). Using American dance as a central focus, this course examines how cultural and artistic expressions can both integrate and divide different groups of people along lines of race and class.

Pedagogy
DAE 3384. Methods and Materials in Dance Education (3). The study of the principles of learning and how they inform the processes of designing lessons and teaching dance. Includes a 5-week teaching practicum in local schools in addition to coursework on campus.

Directed Individual Study
DAN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

Graduate Courses
DAA 5118. Contemporary Dance (1–3).
DAA 5218. Ballet (1–3).
DAA 5618. Choreography (3).
DAA 5648r. Choreographic Project (2–6). (S/U grade only.)
DAA 5680r. Dance Internship (1). (S/U grade only.)
DAA 5698. Dance Performance (1–2).
DAA 5950r. New York City: Arts and Resources as the Art Event (3).
DAE 3587. Dance History Pedagogy (3).
DAE 5940. Supervised Teaching (2). (S/U grade only.)
DAN 5126r. Current Issues in Dance History, Theory, and Research (1–3).
DAN 5127. Dance History Pedagogy (3).
DAN 5128. Theory of Dance (3).
DAN 5147. History of American Dance 1492–1892 (3).
DAN 5158. Theory of Dance Performance and Directing (3).
DAN 5184. Dancing in the Movies.
DAN 5190. Theory and Practice in Dance Technique (3).
DAN 5191r. Seminar Studies in Dance History and Research (3).
DAN 5193. History of African American Social Dance of the Twentieth Century (3).
DAN 5486. Documentation Techniques (3).
DAN 5508. Visual Design for Choreography (3).
DAN 5905r. Directed Individual Study (2–3).
DAN 5910. Supervised Research (2). (S/U grade only.)
DAN 5930r. Special Topics in Dance (1–3).
DAN 5940r. Dance Internship (1–12).
DAN 5960r. Master’s Comprehensive Examination (0).
DAN 5972r. Creative Thesis: Graduate Concert (2–6). (S/U grade only.)
DAN 5973r. Master’s Thesis in American Dance Studies (1–6).
DAN 8976. Master’s Thesis Defense (0)

For listings relating to master’s examinations and defense, consult the Graduate Bulletin.

DEMOGRAPHY:
see Graduate Bulletin

DEVELOPING AREAS, PLANNING FOR:
see Urban and Regional Planning

DIETETICS:
see Nutrition, Food and Exercise Sciences

EARLY CHILDHOOD EDUCATION:
see Childhood Education, Reading, and Disability Services

ECOLOGY:
see Biological Science

The center produces publications designed to inform citizens and policy makers how government rules, regulations, and programs affect the economy and individuals. The center also sponsors annual conferences that bring national leaders and scholars to the University to discuss policy questions.

DeVoe L. Moore and Family Center for The Study Of Critical Issues In ECONOMIC POLICY AND GOVERNMENT

COLLEGE OF SOCIAL SCIENCES

Director: Keith R. Ihlanfeldt; Professors: Barrilleaux, Benson, Cheung, Feiock, Gwartney, Holcombe, Rasmussen

The DeVoe L. Moore and Family Center supports research about the role of government in a market economy, with a special emphasis on state and local regulation. An interdisciplinary unit in the College of Social Sciences, the faculty associated with the Center have well established scholarly reputations in the study of public policy. The faculty and center affiliates regularly teach graduate and undergraduate policy-related courses in the departments of Economics and Political Science and in the Askew School of Public Administration and Policy. In addition to teaching responsibilities, the faculty conduct advanced scholarly research in government, economics, and public affairs.
Major in Economics

Beyond ECO 2013 and ECO 2023, the economics major requires ECO 4101, 4203, 4421, and an additional fifteen (15) semester hours of upper-division economics electives, including six (6) semester hours in one economics specialty area. Majors will also complete the supporting courses STA 2023, 2122 or 4321 (choose one); and MAC 1105, pre-calculus or calculus (choose one). Calculus is recommended especially for students contemplating graduate study.

Major in Applied Economics

In addition to ECO 2013 and ECO 2023, the major in applied economics requires ECO 3104, 3223, and 4431; twelve (12) additional semester hours of upper-division economics electives; and the supporting courses ACG 2021; ACG 2071 or FIN 3403; MAC 1105, pre-calculus or calculus (choose one) and STA 2023, 2122, 4321 (choose one). Precalculus Algebra (MAC 1140) is recommended. Students in applied economics are encouraged to earn three to six semester hours of credit through the department’s internship program, which requires simultaneous registration in ECO 4944r and ECO 4922r; arrangements and approval must be obtained before the semester in which they are taken.

Degrees/Certificates

Majors in economics may be awarded either the bachelor of science or the bachelor of arts degree upon completion of all University requirements for those degrees.

An economics department certification of subject area concentration will be given upon request to economics majors.

Honors in the Major

Honors-only sections of ECO 2013 and ECO 2023 are offered each Fall and Spring for lower-division Honors students. The Department of Economics offers honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Minor in Economics

A minor requires fifteen (15) semester hours in departmental courses, including ECO 2013 and 2023, with a grade of “C-” or better and at least one course selected from ECO 3104, 3223, 4101, 4203, 4421, or 4431. Students will not receive credit towards the minor for courses in which a grade less than “C-” has been received.

Economics minors must have at least a “C-“ (2.0) grade point average in their economics course work. ECO 2000 will not count toward the minor. No more than six (6) semester hours of transfer credit will be accepted toward the minor.

Definition of Prefixes

- ECO—Economics
- ECP—Economic Problems and Policy
- ECS—Economic Systems and Development
Undergraduate Courses

ECO 2000. Introduction to Economics (3). A survey of the discipline for people taking only one economics course. Historical perspective and major principles of economic thought are presented. Not to be taken by students who have had or who must take ECO 2013 and 2023. Not applicable to the economics major or the economics minor.

ECO 2013. Principles of Macroeconomics (3). Aggregate economics and national income determination. Topics include the modern macroeconomic model; monetary and fiscal policy; and short-run and long-run aggregate supply and demand. Not applicable to the economics major or the economics minor.

ECO 2023. Principles of Microeconomics (3). The course covers consumption, production, and production functions; the analysis of the firm from a static and political point of view; and the demand and supply of labor, capital, and other productive resources. Not applicable to the economics major or the economics minor.

ECO 2033. History of Economic Ideas (3). A study of the evolution of economic ideas from ancient Greek to the modern period emphasizing the relationship between developments in economic analysis and cultural and technological changes. Critique of major economic theories in terms of available evidence and logical content.

ECO 3202. Growth of the American Economy (3). The functions of money, bank creation of deposits, and credit; Federal Reserve System; and present monetary policy.

ECO 3222. Financial Markets, the Banking System, and Monetary Policy (3). Prerequisites: ECO 2013, 2023. The roles of the money market, the foreign exchange market, and the capital market in determining short-term and long-term interest rates. Not applicable to the economics major or the economics minor.

ECO 3303. Economic Analysis of Politics (3). Prerequisite: permission of instructor. Focuses on how political institutions create incentives and constraints which affect decision making by the firm in relation to the industry and to the economic and regulatory environment. The theoretical and empirical examination of wage determination, income maintenance programs, labor force, employment, unemployment, functioning of labor markets, and labor market programs.


ECO 3455. Economics of State and Local Government (3). Prerequisite: ECO 2023. State and local revenues, expenditures, and borrowing; intergovernmental relationships.

ECO 3610. Applications in Microeconomic Analysis (3). Prerequisites: ECO 2023, STA 2023, 2122 or 4321. Applications of microeconomic theory for business and policy analysis. Topics include the theory of the firm, valuation techniques in the absence of market prices, empirical research with accounting, financial and administrative data, theory of supply and business strategy, cost-benefit analysis.

ECO 3411. Government Regulation of Business (3). Prerequisite: ECO 3202 or instructor’s permission. Focuses on how political institutions create incentives and constraints which affect decisionmaking by the firm in relation to the industry and to the economic and regulatory environment. Topics include price fixing, monopolization, predatory pricing, exclusive dealing, tie-ins, price discrimination, mergers, antitrust enforcement policies, and case studies in economic regulation.

ECO 3530. Economics of Health (3). Prerequisite: ECO 2023, 2033. The economic role of the health care system, a survey of health care resource allocation and pricing, health care financing.

ECO 3703. Business Economics (3). Prerequisites: ECO 2013, 2023. Economic decision making by the firm in relation to the industry and to the economic and regulatory environment in which it operates.

ECO 4003. Public Policy and the Quality of Life (3). Prerequisites: ECO 2013, 2023. This course examines the differences between market allocation of resources and government planning to allocate resources, and illustrates how the market mechanism can be used to improve the quality of life in areas where government allocation is often advocated. These include environmental protection, land use planning, the regulation of product quality, health care, education policy, and more.

ECO 4111. Introduction to Economic Demography (3). Prerequisites: ECO 2013, 2023. Historical and contemporary trends on the acquisition and use of demographic and other socioeconomic data and provides an introduction to the analytical tools and skills necessary to understand and interpret the data.

ECO 4160. Economics of Aging (3). Prerequisites: ECO 2013, 2023. This course considers the national and international economic consequences of population aging and systematically analyzes the economic consequences of this aging. Topics considered include social security and health care financing.

ECO 4411. Government Regulation of Business (3). Prerequisite: ECO 2023. An introduction to the economic analysis of labor force participation in different experimental economic formats. Topics include price fixing, monopolization, predatory pricing, exclusive dealing, tie-ins, price discrimination, mergers, antitrust enforcement policies, and case studies in economic regulation.

ECO 4455. Economics of Crime (3). Prerequisites: ECO 2013, 2023. This course examines the role of the justice policy and the economics of crime. Topics include crimes against persons and property, and drug policy. Rational behavior, opportunity cost, markets, bureaucratic behavior, and policy analysis are studied in this context.

Prerequisites: ECO 2013, 2023. The economies of subareas of nations with special emphasis on regional economic developments. Includes the theory of the location of industry.


ECO 3000. Economics of Native Americans (3). Prerequisites: ECO 2013, 2023. This course examines and challenges the traditional view that the economic systems of Native Americans before Europeans arrived were communal. The historical evolution of Native economies is considered in light of the evolving relationships (both conflict and cooperation) between Europeans and Natives. Finally, the economic conditions of modern Native American communities are examined.

ECO 4013. Economics of Development (3). Prerequisites: ECO 2013, 2023. Economic development as a process, description and analysis; alternative overall theories of development; particular problems and policy responses to them; strategic choices in development policy. Main focus on third world economies.

ECO 4333. Transition of Soviet and Eastern European Economies (3). Prerequisites: ECO 2013, 2023. Describes and analyzes the formerly centrally planned soviet economy and its transformation. Case studies include Russia, members of the Commonwealth of Independent States and Eastern European countries. Analyzes the successes and failures of the transition process, particularly privatization and marketization.

ECO 4004. Economics of the Middle East (3). This course provides an overview of the economic issues facing the region known as the Middle East and North Africa (MENA). The course discusses the economic history of the region and reviews events and policies economic issues facing the region known as the Middle East and North Africa (MENA).

Graduate Courses

ECO 5005. Economic Principles for International Affairs (3).
ECO 5111. Intermediate Microeconomic Theory (3).
ECO 5114. Applied Microeconomics I (3).
ECO 5116. Imperfect Competition, Factor Markets, and Income Distribution (3).
ECO 5117. Applied Microeconomics II (3).
ECO 5204. Macroeconomic Theory I (3).
ECO 5205. Money and National Income Determination (3).
ECO 5206. Macroeconomic Theory, Practice, and Policy (3).
ECO 5207. Macroeconomic Theory II (3).
ECO 5208. Global Macroeconomics (3).
ECO 5226. Issues in Money and Banking (3).
ECO 5281. Financial Economics I (3).
ECO 5282. Financial Economics II (3).
ECO 5305. History of Economic Thought (3).
ECO 5403. Static Optimization in Economics (3).
ECO 5405. Introduction to Mathematical Economics (3).
ECO 5406. Computational Economics I (3).
ECO 5416. Econometrics I (3).
ECO 5420. Basic Applied Econometrics (3).
ECO 5423. Econometrics II (3).

ECO 5424. Simultaneous Equation Models (3).
ECO 5425. Time Series Analysis (3).
ECO 5427. Limited Dependent Variable Models (3).
ECO 5434. Economic Forecasting (3).
ECO 5905. Public Economics (3).
ECO 5933. Public Choice (3).
ECO 5975. International Trade (3).
ECO 5976. Seminar in International Trade Theory and Policy (3).
ECO 5971. International Finance (3).
ECO 5960. Directed Individual Study (3). (S/U grade only.)
ECO 5970. Directed Individual Study (3).
ECO 5914. Supervised Research (1–5). (S/U grade only.)
ECO 5922r. Professional Development for Economists (0–2).
ECO 5932r. Graduate Tutorial in Economics (1–3).
ECO 5935r. Seminar in Political Economy (1–3).
ECO 5936r. Special Topics (1–3).
ECO 5940r. Supervised Teaching (1–5). (S/U grade only.)
ECO 5972r. Extended Master’s Paper (3). (S/U grade only.)
ECO 5973r. Applied Master’s Project (3).
ECO 6209. Topics in Macroeconomics (3).
ECO 6296. Topics in Microeconomics (3).
ECO 6938r. Doctoral Workshop (0–3). (S/U grade only.)
ECO 6939r. Teaching Workshop (0–3). (S/U grade only.)
ECO 5115. Seminar in the Economics of Population (3).
ECO 5116. Applied Economic Demography (3).
ECO 5117. Mathematical Demography (3).
ECO 5205. Labor Markets (3).
ECO 5238. Labor Compensation, Contracts, and Collective Bargaining (3).
ECO 5312. Natural Resource Economics II (3).
ECO 5405. Industrial Organization (3).
ECO 5415. Social Control of Business (3).
ECO 5536. Seminar in Health Economics (3).
ECO 5606. Urban and Regional Economics (3).
ECO 5928. Economies in Transition (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

EDUCATIONAL ADMINISTRATION/LEADERSHIP: see Educational Leadership and Policy Studies

Department of EDUCATIONAL LEADERSHIP AND POLICY STUDIES

COLLEGE OF EDUCATION

Chair: Joseph Beckham; Educational Administration/Leadership–Professors: Beckham, Herrington, Irvin, Kunkel, Wetherell; Associate Professors: Hassler, Wicker; Assistants: Brooks, Harris, Rutledge; Professors Emeriti: Funk, Gant, Hale, Kammwischer, Luebkemann, Rasmussen, Snyder, Stakenas, Thomas; Higher Education–Professors: Beckham, Lick; Associate Professors: Bower, Dalton, Jones, Schwartz; Assistant Professor: Gaston-Gayles; Professors Emeriti: Bender, Kropp, Mann, Waggaman; Foundations of Education–Professor: Milton; Associate Professor: MacDonald; Assistant Professors: Cohens-Vogel, Harris, Iatraloa, Milligan, Monkman; Professors Emeriti: Grant, Papagianis, Schroeder, Shargel, Wallat; Adult Education–Associate Professor: Easton; Professor Emeritus: Jahns

The Department of Educational Leadership and Policy Studies provides preparation for a wide variety of professional careers in educational administration, foundations of education, educational policy, higher education, and program evaluation. The master’s, specialist in education, and doctoral degrees are offered. Although the department does not offer any undergraduate degree programs, several courses are offered at this level for persons engaged in programs of professional education. The department offers a non-degree seeking modified program for professionals who wish to be eligible for Educational Leadership level 1 certification in the State of Florida. For information on graduate programs, consult the Graduate Bulletin.

In addition, the department offers four certificates at the graduate level, in College Teaching, Educational Policy, Program Evaluation, and Human Resource Development available to special students as well as degree seeking students.

The following majors and certificates are offered by the Department of Educational Leadership and Policy Studies at the graduate level only: Educational leadership/administration Educational policy, planning and analysis Higher education History and philosophy of education Human resource development/Adult education Institutional research International/intercultural development education Social science and education Graduate certificate in college teaching Graduate certificate in educational policy Graduate certificate in human resource development Graduate certificate in program evaluation
State Certification Courses

The following social foundations of education courses offered in the educational foundations and policy studies department will meet the Florida Department of Education professional certification requirements: EDA 4060, EDF 4604, 5160, 5517, 5543, 5548, 5551, 5612, 5630, 5710r.

Definition of Prefixes

ADE—Adult Education
CGS—Computer General Studies
EDA—Education: Administration
EDF—Education: Foundations and Policy Studies
EDG—Education: General
EDH—Education: Higher
EDM—Education: Middle School
EDS—Education Supervision
EME—Education: Technology and Media
ESE—Education: Secondary
EVT—Education: Vocational/Technical
SDS—Student Development Services

Undergraduate Courses

ADE 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
ADE 4930r. Special Topics in Adult and Community Education (3). Introduces varying topics related to the nature and methods of adult and community education. May be repeated for a maximum of twelve (12) semester hours.
ADE 4929r. Cooperative Education Work Experience (0). (S/U grade only.)
EDF 1005. Introduction to Education (3). This course offers students a broad view of education from historical, cultural, psychological, political, and philosophical perspectives. Includes lectures, discussions, and field experience.
EDF 2073. Diversity in and out of School: Multicultural Policies and Practices (3). The concept of multiculturalism is central to understanding the development of educational policies and practices in the twentieth century. This course provides a broad survey of the ways in which this concept helps to describe and explain current programs both in and out of school and in the university settings. Meets university multicultural requirements.
EDF 2082. Schooling and Development in Third World Societies (3). This course provides a basic overview of schooling and development in Asia, Africa, and Latin America. While journeying through different countries, school systems, and cultures, this course also focuses on the Third World inside the United States.
EDF 4906r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.
EDH 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
EVT 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

Graduate Courses

ADE 5070. Comparative and International Adult Education (3).
ADE 5075. University Continuing Education (3).
ADE 5080. Foundations of Adult and Continuing Education (3).
ADE 5083. Human Resource Development (3).
ADE 5166. Program Leadership Development (3).
ADE 5189. Staff Training and Development (3).
ADE 5193. Education and Training in Gerontology (3).
ADE 5280. Problems in the Organization and Administration of Adult Education Agencies (3).
ADE 5380. Processes of Community and Adult Education (3).
ADE 5385. Adult Learning (3).
ADE 5672. E-Learning for Managers (3).
ADE 5675. Issues in Adult and Continuing Education (3).
ADE 5773. Strategies for Participatory Research Planning and Evaluation (3).
ADE 5906r. Directed Individual Study (1–3). (S/U grade only.)
ADE 5915r. Supervised Research (1–4). (S/U grade only.)
ADE 5932r. Special Topics in Adult Education (1–3).
ADE 5942r. Internship in Continuing Education (2–4). (S/U grade only.)
ADE 5944r. Supervised Teaching (1–4). (S/U grade only.)
ADE 6772r. Research Seminar in Adult Education (1). (S/U grade only.)
ADE 6920r. Adult Education Colloquium (1). (S/U grade only.)
ADE 6931. Research Seminar in Adult Education (2). (S/U grade only.)
ADE 6950r. Special Topics in Educational Administration (1–3).
ADE 6951. School Finance (3).
ADE 6953. Planning Leadership Development (3).
ADE 5919. Educational Leadership (3).
ADE 6928. The Politics of Education (3).
ADE 6942. Applied Data Analysis and Assessment for Educational Leaders (3).
ADE 6951. Social, Political, and Cultural Dimensions of Education (3).
ADE 6960r. Directed Individual Study (1–3). (SU grade only.)
ADE 5910r. Supervised Research (1–4). (S/U grade only.)
ADE 5931r. Special Topics in Educational Administration (1–3).
ADE 5941r. Supervised Teaching (1–4). (S/U grade only.)
ADE 6010. Organizational Theory (3).
ADE 6207. Leadership for School Renewal (3).
ADE 6930r. Departmental Seminar and Research Projects (1–3). (S/U grade only.)
ADE 6940r. Internship in Educational Administration (3). (S/U grade only.)
EDF 5019. Black and Latino Education: History and Policy (3).
EDF 5488. Computer Analysis of Educational Data (2).
EDF 5517. History of Education in the United States (3).
EDF 5519. History of Higher Education (3).
EDF 5543. Introduction to Philosophy of Education (3).
EDF 5548. Philosophy of Teaching and Learning (3).
EDF 5551. Social Philosophies and Education (3).
EDF 5612. Education and Culture (3).
EDF 5624. Economics of Education (3).
EDF 5625. Education and Economic Development (3).
EDF 5626. Economic Evaluation of Education Programs (3).
EDF 5630. Sociology of Education (3).
EDF 5631. Education and Equality (3).
EDF 5641. Introduction to Policy Studies in Education (3).
EDF 5651. Case Studies in Educational Policy (3).
EDF 5652. Policy Development in Education (3).
EDF 5661. The Language of Education Policy (3).
EDF 5706. Gender and Education in Comparative Perspective (3).
EDF 5710r. Contemporary Readings in American Education (3).
EDF 5763. The Educational Consultant: Fieldwork Techniques (3).
EDF 5850. International Development Education (3).
EDF 5853. Comparative Education Policy in Developing Countries (3).
EDF 5890. Sociology of Nontraditional Approaches and Innovation in Education and Development (3).
EDF 5899r. Comparative Studies in Education (2–5).
EDF 5896. Education and Political Development (3).
EDF 5910r. Supervised Research (1–4). (S/U grade only.)
EDF 5932r. Special Topics in Foundations of Education (1–3).
EDF 5943r. Supervised Teaching (1–4). (S/U grade only.)
EDF 6449. Survey Research Methods (3).
EDF 6475. Qualitative Methods in Educational Research (3).
EDF 6479. Qualitative Data Analysis (3).
EDF 6558. Seminar on John Dewey’s Educational Philosophy (3).
EDF 6629r. Advanced Seminar: Selected Topics in Education and Economic Development (3).
EDF 6648. Policy Analysis in Education (3).
EDF 6653. Planning Education for Socioeconomic Change (3).
EDF 6945r. Internship in Educational Policy (1–9). (S/U grade only.)
EDG 5250. Basic Concepts in Curriculum Planning and Organization (3).
EDG 5253. Designing, Implementing, and Evaluating Curriculum (3).
EDG 5949r. Advanced Associate Teaching (3). (S/U grade only.)
EDH 5041. International Interventions (3).
EDH 5045. Student Development Theories for College Student Personnel Work (3).
EDH 5050. Seminar in Graduate Inquiry Resources (2).
EDH 5051. Higher Education in America: Basic Understandings (3).
Department of Educational Psychology and Learning Systems

College of Education

Chair: Frances A. Prevatt; Professors: Becker, Driscoll, Eklund, Keller, Oosterhof, Peterson, Pfeiffer, Reardon, Resper, Sampson, Seid, Specter, Tenenbaum, Wager; Associate Professors: Baylor, Kamata, Kelly, Losh, Prevatt, Proctor, Tate; Assistant Professors: Darabai, Dennen, Eccles, Jeong, Li, Olina, Railey, Roehrig, Turner; Professors Emeriti: Beard, Branson, Brewer, Burck, Burkman, Dick, Fletcher, Foster, Hills, Johnson, Kaufman, King, Lathrop, Mancha, Morgan, Quiny, Pargman

The Department of Educational Psychology and Learning Systems offers degrees only at the master’s, specialist, and doctoral levels. However, the department does offer several undergraduate courses that are part of the teacher education curriculum. For more information, refer to the Graduate Bulletin.

The following majors and certificates are offered by the Department of Educational Psychology and Learning Systems:

- Counseling and human systems
- Combined program in counseling psychology and school psychology
- Instructional systems
- Learning and cognition
- Measurement and statistics
- Open and distance learning
- Program evaluation
- School psychology
- Sports psychology
- Graduate certificate in human performance technology

Graduate certificate in online instructional development

* graduate only

Definition of Prefixes

DEP — Developmental Psychology
EDF — Education: Foundations and Policy Studies
EDG — Education: General
EDP — Educational Psychology
EME — Education: Technology and Media
MHS — Mental Health Services
PCO — Psychology for Counseling

Undergraduate Courses

EDF 3490r. Cooperative Education Work Experience (0). (S/U grade only.)
EDF 4210. Educational Psychology: Developing Learners (3). This course is designed to introduce students to concepts of human development, learning, and motivation as foundations for the planning and implementation of classroom instruction. Students are expected to acquire and use theoretical knowledge to inform decisions about strategies for helping learners develop, learn, and achieve.
EDF 4440. Measurement and Evaluation in the Classroom (3). Prepares teachers for activities related to assessing students including establishing validity evidence, enhancing generalization of observations, using traditional and alternative assessment strategies, interpreting and using data to improve achievement, and utilizing assessment in the process of instruction.
EDG 3490r. Cooperative Education Work Experience (0). (S/U grade only.)
EME 2040. Introduction to Educational Technology (3). An introduction to the use of educational technology in teaching and learning. Students will learn to use personal computers and other technology for communication, presentations, and resource acquisition.
EME 3490r. Cooperative Education Work Experience (0). (S/U grade only.)
EME 4044. Educational Technology Theory and Practice in Instruction (3). Course focuses on current theories and practices of using technology in teaching and learning. Students participate in a computer-supported collaborative learning environment and integrate technology into their practices.
EME 4905r. Directed Individual Study (1–3). (S/U grade only.)
PET — Physical Education Theory
PSB — Psychobiology
SDS — Student Development Services
SPS — School Psychology
SYP — Social Processes

Graduate Courses

DEP 5068. Life-Span Human Development (3).
EDF 5400. Basic Descriptive and Inferential Statistics Applications (4).
EDF 5401. General Linear Model Applications (4).
EDF 5402. Advanced Topics in Analysis of Variance Applications (3).
EDF 5406. Multivariate Analysis Applications (3).
EDF 5409. Causal Modeling (3).
EDF 5410. Nonparametric Analysis Applications (3).
Department of ELECTRICAL AND COMPUTER ENGINEERING

FAMU—FSU COLLEGE OF ENGINEERING

Interim Chair: Leonard J. Tung; Professors: R. Arora, Foo, Perry, Roberts, Thagard, Zheng; Associate Professors: K. Arora, Baldwin, Chang, Harvey, Kwan, Tung; Assistant Professors: Andrei, Frank, Heidemann, Li, A. Meyer-Baese, U. Meyer-Baese, Steurer, Weatherspoon; Assistants in Electrical Engineering: Brooks, Skinner

Bachelor of Science in Electrical Engineering—Program Educational Objectives

The bachelor of science in electrical engineering (BSEE) degree program prepares its graduates for a successful career in the rapidly evolving and intellectually challenging field of electrical engineering. The department requires its graduates to develop a strong understanding of the relevant mathematics, computer programming and natural science concepts needed by practicing electrical engineers.

Graduates must demonstrate an ability to apply this knowledge in several fundamental areas of electrical engineering, including analog circuit design, digital logic design, electromagnetics, signal and linear system analysis, communications, and microprocessor based design. They also must demonstrate successfully sufficient knowledge and the technical skills needed to complete a major design experience and to function as a member of a multi-disciplinary team.

With the addition of electrical engineering technical electives, graduates have an opportunity to prepare for advanced graduate-level training or a professional career in a variety of electrical engineering application areas including digital systems, communication systems, digital signal processing, microcomputers, analog circuit design, power systems, instrumentation, control systems, computer interfacing, and computer applications. Many BSEE graduates go on to graduate school and earn advanced degrees in electrical engineering or related fields. The BSEE degree is also an excellent foundation for graduate study in other fields requiring advanced knowledge of science and engineering.

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
processing, control systems, microelectronics, power systems, or electromagnetics.

In addition, in the several years after graduation graduates are expected to accomplish the following:

1. Participate in either the research, development or application of engineering solutions that have a positive impact on society;
2. Make contributions to workforce diversity;
3. Show a commitment to life-long learning and continuous self-improvement; and,
4. Become proficient in the oral and written communication of their work and ideas.

Bachelor of Science in Computer Engineering—Program Educational Objectives

The bachelor of science in computer engineering (BSCpE) degree program prepares its graduates for a successful career in the interdisciplinary field of computer engineering. The program is built firmly on the foundation of the department’s well established BS in electrical engineering (BSEE) degree program. Consequently, graduates from the BSCpE degree program complete all of the required core coursework of BSEE majors, additional core computer engineering coursework, and a set of specialized courses offered through the Department of Computer Science at The Florida State University. BSCpE graduates have an opportunity to prepare for advanced graduate-level training or a professional career in or built upon a variety of computer engineering application areas including digital systems, digital signal processing, computer networks and VLSI design.

Graduates from the BSCpE degree program must develop a strong understanding of relevant mathematics, programming and physical science concepts needed by practicing computer engineers. They also must demonstrate an ability to apply this knowledge in several fundamental areas of electrical engineering (e.g., analog circuit design, electromagnetics, signal and linear system analysis, communications); computer engineering (e.g., digital logic design, microprocessor-based system design, and computer architecture); and computer science (e.g., object-oriented programming, data structures, computer algorithms and operating systems.) Graduates also must demonstrate successfully sufficient knowledge and the technical skills needed to complete a major design experience and to function as a member of a multi-disciplinary team.

In addition, in the several years after graduation, graduates are expected to accomplish the following:

1. Participate in either the research, development or application of engineering solutions that have a positive impact on society;
2. Make contributions to workforce diversity;
3. Show a commitment to life-long learning and continuous self-improvement; and,
4. Become proficient in the oral and written communication of their work and ideas.

Program Review

The departmental faculty has established a process to periodically review and revise its two program educational objectives after obtaining feedback from its primary constituent groups. The faculty also is committed to teaching professional and ethical responsibility by example and by practice. The active sponsored research activities of the faculty ensure the program curricula remain contemporary and motivate the need for life-long learning.

Technical Electives

Technical electives provide the student an opportunity to achieve a greater breadth of knowledge and some degree of specialization in selected areas of special interest. Electives are offered in computer engineering and the following five electrical engineering application areas:

1. Microelectronics deals with all aspects of (primarily solid-state) electronic devices, the analysis and design of analog and digital circuits, their implementation and fabrication using microelectronic techniques, and their application in a wide variety of systems;
2. Digital signal processing and control systems concentrate on the design and analysis of systems in which discrete and continuous signals are used for conveying information and controlling physical systems and processes. Included are the encoding, decoding, and representation of information in both the time and frequency domain;
3. Communications is concerned with the preparation, transmission, and reception of encoded information via media ranging from wires to fiber optic cables and space. Included are topics such as AM, FM, and pulse modulation techniques; telecommunications systems; satellite telemetry; and wireless and computer networks;
4. Electromagnetics in the broadest sense is the study of the relationship between electric current, electric and magnetic fields, and their interactions. It is the foundation of electrical and electronic technology. The practical applications of this theory include the design of antennas, transmission lines, RF, microwave and optical transmission facilities, and radar;
5. Power systems engineering is concerned with the design and operation of electric power generation, transmission, and distribution for an increasing customer demand. It involves the modeling, analysis, and design of power system components including power transformers, electric motors, synchronous generators, and high voltage power transmission and distribution networks. Power system engineering also includes: the investigation of alternative methods for generating electrical energy, the control and reliability of complex power networks, power quality, economic factors, and environmental effects.

Honors in the Major

The Department of Electrical and Computer Engineering offers a program of honors in electrical engineering to encourage talented students to extend their undergraduate experience by participating in directed or independent research on a topic relative to electrical engineering that is not included in the regular curriculum. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101;
2. ENC X102;
3. MAC X311*;
4. MAC X312*;
5. MAC X313*;
6. MAP X302;
7. CHM X045/X045L or CHM X045C*;
8. PHY X048/X048L or PHY X048C;
9. PHY X049/X049L or PHY X049C;
10. Six (6) semester hours in humanities;
11. Six (6) semester hours in social science;
12. Three (3) additional semester hours in humanities or social science.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Common Required Courses for Bachelor of Science Degrees and Dual Majors

All candidates for bachelor of science degree in electrical engineering (BSEE), bachelor of science degree in computer engineering (BSCpE) and bachelor of science degree in dual majors (BSEE and BSCpE) are required to complete a total of one hundred and three (103) semester hours of common required courses, of which twenty-four (24) hours are English, social science and humanities courses, forty-four (44) hours are engineering core courses (listed below), and thirty-four (35) hours are required electrical and computer engineering courses (listed below).
Engineering Core Courses

COP 3014 Programming I (3)
CHM 1045C General Chemistry I (4)
EGM 3512 Engineering Mechanics (4)
EGN 3613 Principles of Engineering Economy (2)
EML 3100 Thermodynamics (2)
MAC 2311 Calculus with Analytical Geometry I (4)
MAC 2312 Calculus with Analytical Geometry II (4)
MAC 2313 Calculus with Analytical Geometry III (5)
MAP 3305 Engineering Mathematics I (3)
MAP 3306 Engineering Mathematics II (3)
PHY 2048C General Physics A (5)
PHY 2049C General Physics B (5)

Required Electrical and Computer Engineering Courses

EEL 3111 Introductory Circuit Analysis (3)
EEL 3112 Advanced Circuits with Computers (3)
EEL 3112L Advanced Circuits with Computers Laboratory (1)
EEL 3135 Signal and Linear Systems Analysis (3)
EEL 3300 Electronics (3)
EEL 3300L Electronics Laboratory (1)
EEL 3472 Electromagnetic Fields I (3)
EEL 3512 Introduction to Communications (3)
EEL 3705 Digital Logic Design (3)
EEL 3705L Digital Logic Laboratory (1)
EEL 4021 Statistical Topics in Electrical Engineering (3)
EEL 4746 Microprocessor-Based System Design (3)
EEL 4746L Microprocessor-Based System Design Laboratory (1)
EEL 4911 Senior Design Project (1)
EEL 4911L Electrical Engineering Senior Design Project Laboratory (3)
EEL 4914L Computer Engineering Senior Design Project Laboratory (3)

Note: Required curriculum for bachelor of science degrees and dual majors is currently under revision. Please refer to http://www.eng.fsu.edu/ece for the most current version of these requirements.

Requirements for a Major in Electrical Engineering

Students majoring in electrical engineering require one hundred twenty-eight (128) semester credit hours to graduate, of which one hundred and three (103) hours are required courses listed above, twelve (12) semester hours are required Tier-2 electrical engineering courses, and thirteen (13) semester hours are technical elective courses.

All electrical engineering majors are required to complete four (4) of the following six (6) Tier-2 courses:

EEL 3216 Fundamentals of Power Systems (3)
EEL 3473 Electromagnetic Fields II (3)
EEL 4351 Solid-State Electronic Devices (3)
EEL 4515 Digital Communication Systems (3)
EEL 4652 Analysis and Design of Control Systems (3)
EEL 4712 Introduction to Field Programmable Devices (3)

Technical Electives for Electrical Engineering Major

• One (1) semester hour must be an electrical engineering (EE) laboratory elective;
• Nine (9) semester hours must be three (3) required Tier-2 electrical engineering courses;
• Six (6) semester hours must be two (2) electrical engineering technical elective courses; and,
• Three (3) semester hours should be a senior design project laboratory approved by the department.

With the adoption of ABET EC-2000 policies, program requirements, educational objectives, course content and offerings, and departmental policies are subject to periodic revision and change. Students are strongly urged to obtain current information from their academic adviser, the academic coordinator, or by visiting the departmental Web site at http://www.eng.fsu.edu/ece.

Academic Requirements and Policies

In accordance with ABET criteria, all engineering students are subject to a uniform set of academic requirements agreed to by Florida A&M University and The Florida State University. These requirements have been established to ensure that program graduates receive a quality education and make reasonable progress toward satisfying engineering major degree requirements. Students are directed to the “FAMU-FSU College of Engineering” chapter of this General Bulletin and the departmental Web site (http://www.eng.fsu.edu/ece) for a list of all academic requirements and policies.

ECE Course Prerequisite Requirement

In addition to the college course prerequisite requirements, the Department of Electrical and Computer Engineering requires students to have obtained a grade in the range of “C” in all courses listed as prerequisites for the department’s engineering core courses.

Definition of Prefix

EEL—Engineering: Electrical

Undergraduate Courses

EEL 3003L Introduction to Electrical Engineering [3]. Prerequisites: MAC 2312; PHY 2049C. Introduction to electrical engineering concepts for non-electrical engineering majors. Covers a broad range of topics including basic circuit theory, semiconductor devices, instrumentation, amplifiers, and machines. Not accepted for credit toward BSEE and BSCE.
EEL 3003L Introduction to Electrical Engineering Laboratory [1]. Prerequisites: MAC 2312; PHY 2049C; Corequisite: EEL 3003. Laboratory in support of EEL 3003. Must be taken concurrently with first enrollment in EEL 3003. Must be dropped if EEL 3003 is dropped.
EEL 3111 Introductory Circuit Analysis [3]. Prerequisite: MAC 2312; Corequisite: MAC 2313; PHY 2049C. Current, voltage, and power; resistors, inductors, and capacitors; network theorems and laws; operational amplifiers, phasors; impedances; sinusoidal steady-state analysis.
EEL 3112. Advanced Circuits with Computers (3). Prerequisite: EEL 3111; Corequisite: MAP 3305. Sinusoidal steady-state power analysis; three-phase circuits; transient and forced response; frequency response; two-port networks; circuit analysis with computers.

EEL 3121. Introduction to Digital Circuit Design (3). Prerequisites: EEL 3112; Corequisite: EEL 3112. Instrumentation and measuring techniques; current, voltage, and power measurements; response of passive circuits; AC and DC design; computer application.

EEL 3135. Signal and Linear System Analysis (3). Prerequisite: EEL 3112; MAP 3305. Classification and representation of signals and systems; Laplace transform; Z-transform; convolution; state variable techniques; stability and feedback.

EEL 3216. Fundamentals of Power Systems (3). Prerequisite: EEL 3112. Introduction to the fundamentals of power conditioning of power systems; and power system components: transformers, rotating machines, and transmission lines. The operation and analysis of power systems are presented.

EEL 3300L. Electronics Laboratory (1). Prerequisites: EEL 3112, 3112L; Corequisite: EEL 3300. Laboratory in support of EEL 3300.

EEL 3472. Electromagnetic Fields I (3). Prerequisites: EEL 3111, 3112; MAP 3306; PHY 2049C. The electrostatic field—Gauss’s law; boundary conditions; capacitance; Laplace’s and Poisson’s equations; energy, forces, and torques. The steady electric current. The magnetostatic field—vector potential, Ampere’s and Biot-Savart laws; inductance; energy, forces, and torques. Quasistatic fields; electromagnetic induction.

EEL 3473. Electromagnetic Fields II (3). Prerequisite: EEL 3472; MAP 3306. Maxwell’s equations, plane electromagnetic waves, group velocity, polarization, Poynting vector, or antenna radiations; reflection and refraction of plane waves, skin effect, transmission line analysis, impedance matching, wave guides and cavity resonators, fundamentals of radiation and antennas.

EEL 3512. Introduction to Communications (3). Prerequisite: EEL 3112; MAP 3306. Signal analysis and Fourier series, Fourier transform, sampling theorem, distortion in signal transmission, and analog modulation AM, FM, pulse modulation, pulse-code modulation, and pulse shaping.

EEL 3705. Digital Logic Design (3). Prerequisite: CGS 4308. Fundamental topics in digital logic design, including computer organization, assembly-language programming, and computer engineering technology.

EEL 3705L. Digital Logic Laboratory (1). Prerequisite: CGS 4308. Corequisite: EEL 3705. Laboratory in support of EEL 3705.

EEL 3849. Cooperative Work Experience (0). (S/U grade only.)


EEL 4113. Advanced Linear Networks (3). Prerequisites: EEL 3112, 3135. Synthesis of LC one-port networks synthesis of LC two-port networks; operational amplifier applications; active filters; approximation methods; switched-capacitor filters.

EEL 4213. Power Systems (3). Prerequisite: EEL 3216. Analysis of electric power systems using system modeling for simulation of power networks; admittance and impedance matrix formation; power flow; optimal dispatch, symmetrical components, balanced and unbalanced fault analysis; and transient stability studies.

EEL 4220. Electromechanical Dynamics (3). Prerequisites: EEL 3216, 3472. Corequisites: EEL 3473. Transient electromagnetic circuits; electromagnetic torques and induced voltages. Topics covered include induction motors, variable speed drives, Park’s transforms, synchronous machines and generator controls DC machines, controls and drives.

EEL 4243. Power Electronics (3). Prerequisites: EEL 3135, 3300. The purpose of this course is to develop students understanding of switching electronic circuits for the conversion and regulation of power. The course focuses on the basic converters and their steady state analysis. Dynamic modeling analysis, controller design, power semiconductor device, and simulation also are covered.

EEL 4244. Power Conversion and Control (3). Prerequisites: EEL 3112, 3300. This course introduces solid-state power conversion and control circuits, including analysis and design of nonlinear multiple-phase circuits with sinusoidal and non-sinusoidal variables; constant-frequency and variable-frequency input conversions; variable-frequency inverters; sensing and processing circuits supporting control systems; and embedded microprocessor control systems.

EEL 4301. Electronic Circuits and Systems Design (3). Prerequisites: EEL 3300, 3300L. Multistage amplifier analyses and design including feedback and operational amplifiers, A-to-D and D-to-A converters, wave shaping and waveform generators including oscillators, voltage regulators, and power circuits. Includes use of computer-aided-design programs.

EEL 4301L. Electronic Circuits and Systems Laboratory (1). Prerequisites: EEL 3300, 3300L. Advanced electronic circuits and systems design laboratory.

EEL 4313. Introduction to Digital Integrated Circuit Design (3). Prerequisite: EEL 3300. Semiconductor device physics, digital logic fundamentals, static inverter analysis, static logic gate analysis, dynamic switching analysis, combinational logic design, and sequential logic design.

EEL 4350. Microprocessor-Based Systems Design (3). Prerequisite: EEL 4300, 3300L. Design and fabrication of solid-state devices. Topics include oxidation, diffusion, metallization, photolithography, and device characterization.


EEL 4363. Feedback Amplifier Principles (3). Prerequisite: EEL 3300. This course introduces basic concepts of multi-stage audio-frequency amplifiers, including feedback and stability principles and power supply criteria.

EEL 4376C. Introduction to Analog IC Design (3). Prerequisite: EEL 4301. Design and analysis of bipolar and MOS analog integrated circuits. Topics include operational amplifier design, analog multiplexers, active loads, current sources, and active filters. Advanced topics: EEL 4313 or EEL 4876C. This course introduces mixed signal processing using analog and digital integrated circuits. Topics include fundamentals of sampled data systems, nonlinear and dynamic analog circuits, Nyquist-rate data converters, over-sampling data converters, and digital filters, as well as the use of computer-aided-design programs.

EEL 4415. Sonar (3). Prerequisites: EEL 3473, 3512. This course introduces basic concepts of sonar systems including acoustic propagation, transducers and projectors, target strength, acoustic system engineering, beam forming, and synthetic aperture sonar.

EEL 4435L. Electromagnetics Laboratory (1). Prerequisite: EEL 3473. Applications of electromagnetic field theory. Experiments include field mapping, transmission lines, spectrum analysis, impedance matching, waveguides, antennas, radar, and fiber optics.

EEL 4515. Digital Communication Systems (3). Prerequisite: EEL 3300. Theory and applications of optical techniques in modern communications and signal processing. Includes a study of optical fibers, sources, detectors, optical communication systems, integrated optics, holography, and principles of optical signal processing.

EEL 4565. Analog and Digital Sensors (3). Prerequisites: EEL 3473, 3512. This course examines the basic concepts of optical sensors and essential optics. Topics include intensity, phase, and frequency modulated optical fiber sensors and their applications, distributed sensing systems and optical fiber in signal processing.


EEL 4575. Radar (3). Prerequisites: EEL 3473, 3512. This course examines basic concepts of radar systems including waveform design, radar cross-section calculations, random processes and noise, array antennas, beamsteering, doppler and range processing, FM and CW systems, pulse compression, synthetic aperture radar, and clutter.

EEL 4586. Optical Fiber Communications (3). Prerequisites: EEL 3473, 3512. This course examines the basic concepts of optical fiber communications, focusing on the fiber mechanics of optical systems. Topics include optical fibers, light sources, optical detectors and fiber connectors; signal degradation in optical fibers, optical analog and digital communication systems; and coherent optical fiber communications.

EEL 4595. Wireless Communications and Networking (3). Prerequisites: CGS 3408 or equivalent; EEL 3135, 3512, 4021. This course covers the fundamentals of wireless communications and systems. The core topics include radio-wave propagation characteristics of wireless channels; modulation and demodulation techniques for mobile radio; reception systems; and digital modulation and demodulation techniques for mobile radio.

EEL 4596. Advanced Topics in Communications (3). Prerequisite: EEL 3510, 4021. This course is designed to provide an in-depth knowledge of some of the advanced topics in communications. Topics covered include ideal communication systems, signal to noise ratio (S/N) for amplitude and angle modulation, design of systems to improve S/N ratio, satellite communications, and mobile communication systems.

EEL 4635. Digital Control Systems (3). Prerequisite: EEL 4652. Discrete time systems; Z-transform; sampling and reconstruction; state time-response characteristics; stability and design of digital controller design.

EEL 4652. Analysis and Design of Control Systems (3). Prerequisite: EEL 3135. Continuous system modeling; stability of linear systems; frequency response methods; the root locus method; state-space methods.

EEL 4653. Instrumentation for Measurement and Control (3). Prerequisites: EEL 3112, 4652. Design and application of sensors and transducers commonly used in industrial control and laboratory automation. Concepts and application of statistical process control are presented.

EEL 4711. Introduction to Field Programmable Logic Devices (3). Prerequisite: EEL 3705, 3705L. Overview of PLD, CPLD and FPGA devices; introduction to hardware description languages (HDLs); combinational, sequential and FSM design using HDLs; introduction to top down design methodologies.

EEL 4746. Embedded Computer Design Laboratory (1). Prerequisites: EEL 4746, 4746L. Design and construction of switched electronic circuits for the conversion and regulation of power. The course focuses on the basic converters and their steady state analysis. Dynamic modeling analysis, controller design, power semiconductor device, and simulation also are covered.

EEL 4748. Embedded Computer Design Project (3). Prerequisites: EEL 4746, 4746L. Design projects selected with consent of instructor. Selected lectures and an open-door Motorola 68000 laboratory.
supervised/unsupervised learning algorithms. Applications in signal processing, pattern recognition, control, optimization and communications.

EEL 4000c. Directed Individual Study (1–3). Prerequisites: Junior-level standing and “B” average in electrical engineering courses. Normally may be repeated to a maximum of six (6) semester hours. Requires department approval.

EEL 4000r. Honors Work in Electrical Engineering (1–6). Prerequisite: Acceptance in honors program. Independent or directed research in a specialized area beyond the current curriculum in electrical engineering. May be repeated to a maximum of nine (9) semester hours.

EEL 4011. Senior Design Project (1). Prerequisites: Senior standing; permission of instructor. This course introduces designing for electrical and computer engineers, as well as system design concepts of specifications, analysis, synthesis, and manufacturability. Project management skills and team dynamics concepts are developed. Oral and written presentations are required.

EEL 4011L. Electrical Engineering Senior Design Project Laboratory (3). Prerequisite: EEL 4011. This course consists of a major multi-disciplinary design project in electrical engineering which involves hardware, software, and/or theoretical design. Project should incorporate engineering standards and realistic constraints. Formal oral and written presentation of the project are required.

EEL 4014c. Computer Engineering Senior Design Project Laboratory (3). Prerequisite: EEL 4911. This course consists of a major multi-disciplinary design project in computer engineering which involves hardware, software, and/or theoretical design. Project should incorporate engineering standards and realistic constraints. Formal oral and written presentation of the project are required.

EEL 4030r. Special Topics in Electrical Engineering (1–3). Prerequisite: Instructor consent. Special topics in electrical engineering with emphasis on recent developments. Topics and credit vary; consult the instructor. May be repeated to a maximum of twelve (12) semester hours.

**Graduate Courses**

**EEL** 5025. Computational Electrical Engineering (3).

**EEL** 5173. Signal and System Analysis (3).

**EEL** 5247. Power Conversion and Control (3).

**EEL** 5250. Power Systems Analysis (3).

**EEL** 5270. Power System Transients (3).

**EEL** 5315. Digital Integrated Circuit Design (3).

**EEL** 5317. Power Electronics (3).

**EEL** 5333. Solid State Sensors (3).

**EEL** 5378. Mixed Signal ICs (3).

**EEL** 5416. Sonar (3).

**EEL** 5443. Electromagnetics and Optics (3).

**EEL** 5454. Optical Sensors (3).

**EEL** 5465. Antenna Theory (3).

**EEL** 5466. Advanced Electromagnetic Theory (3).

**EEL** 5500. Digital Communication Theory (3).

**Department of ENGLISH**

**College of Arts and Sciences**

Chair: Hunt Hawkins; **Eppes Professor:** Butler; **Frederick L. Standley Professor:** Fenstermaker; **George M. Harper Professor:** Lhamon; **Francis G. Townsend Professor:** Ortiz-Taylor; **William Hudson Rogers Professor:** McMahon; **Sarah Harndon Professor:** Gontarski; **Bertram H. Davis Professor:** Boehrer; **Janet Burroway Professor:** Winegardner; **Lawton Professor:** Kirby; **James M. McCrimmon Professor:** Hawkins; **George Matthew Edgar Professor:** Taylor; **Kellogg Hunt Professor:** Yancey; **Professors:** Berry, Crook, Fowler, Johnson, O’Rourke, Rowe, Suarez; **Associate Professors:** Burke, Cooper, Daileader, Dickson-Carr, Faulk, Gardner, Laughlin, McGregory, Montgomery, Moore, Picart, Saladin, E. Stuckey-French, Vitkus, Walker, Warren; **Assistant Professors:** Ashford, Baggott, Belieu, Edwards, Epstein, Goodman, Kennedy, Kimbrell, Mikelsen, Rai, Shinn, N. Stuckey-French, Ward; **Professors Emeriti:** Bickley, Bunsen, Davis, Standley.

The Department of English offers students a curriculum that is central to the modern liberal arts education. One of the largest degree programs in the College of Arts and Sciences, the undergraduate major in English allows students to emphasize literature or writing; students may also pursue other specialized programs such as honors in the major, an English major with an emphasis in business, teaching certification, or other independent courses of study. In addition to its primary benefits to intellectual growth, the English major also offers practical preparation for professional careers in teaching, professional writing, law, medicine, business, religious affairs, and all levels of government service—local, state, and federal.

The study of literature includes not only contemporary texts but also all the historical periods of British, American and other literature. In addition to familiar periods or major authors courses such as the Victorian novel or Chaucer, students will also find courses in related subjects such as linguistics, popular culture, multiethnic literature, folklore, postcolonial literature, modern European fiction, and literary theory. All of these courses contribute to the student’s knowledge of human culture and how literary texts as cultural artifacts relate to other bodies of human knowledge such as philosophy, history, religion, psychology, classics, and modern languages.

The study of writing allows students to work not only in the familiar genres of poetry, fiction, drama, and the essay, but also to study related subjects such as rhetoric and composition theory. Students may also study the editorial and publishing process and take up internships in editing and publishing in a variety of settings.

The English honors program, traditionally the largest in the University, invites the very best students to supplement regular major work with specialized seminars and independent thesis work. Other options such as the English/business program or teaching certification allow students to supplement the major with rigorous and substantial minor courses of study.

A variety of activities and facilities are available to all majors. Two literary magazines, *Kudzu Review* and *The Southeast Review*, are published in the department. Many students gain journalistic experience by writing for the independent campus newspaper, the *FSView & Florida Flambeau*. The department sponsors a year-long visiting writers series which brings twelve to fourteen writers and scholars to campus each year. The English department, in conjunction with the campus-wide Seven Days of Opening Nights program, also promotes headline writers, such as John Updike and Amy Tan. In addition, the department has developed a series which brings editors and agents to the campus for presentations and individual consulta-

**EEL** 5542. Random Processes (3).

**EEL** 5547. Radar (3).

**EEL** 5563. Optical Fiber Communications (3).

**EEL** 5590. Advanced Topics in Communication (3).

**EEL** 5591. Wireless Communications and Networking (3).

**EEL** 5617. Multivariable Control (3).

**EEL** 5630. Digital Control Systems (3).

**EEL** 5667. Robot Kinematics and Dynamics (3).

**EEL** 5707. ASIC Systems Design I (3).

**EEL** 5764. Computer System Architecture (3).

**EEL** 5784. Computer Network Design and Analysis (3).

**EEL** 5812. Advanced Neural Networks (3).

**EEL** 5905r. Directed Individual Study (1–3).

**EEL** 5910r. Supervised Research (1–5). (S/U grade only.)

**EEL** 5930r. Special Topics in Electrical Engineering (3).

**EEL** 5940r. Supervised Teaching (1–5). (S/U grade only.)

**EEL** 6266. Power Systems Operation and Control (3).

**EEL** 6353. Semiconductor Device Theory (3).

**EEL** 6457r. Advanced Topics in Optoelectronic Systems. (3).

**EEL** 6502. Digital Signal Processing I (3).

**EEL** 6556r. Advanced Topics in Digital Signal Processing (3).

**EEL** 6619. Robust Control (3).

**EEL** 6708. ASIC Systems Design II (3).

**EEL** 6799r. Advanced Topics in Computer Engineering (3).

**EEL** 6905r. Directed Individual Study (1–3).

**EEL** 6930r. Special Graduate Topics in Electrical Engineering (3).

**EEL** 6932r. Electrical and Computer Engineering Seminar (0).

**EEL** 6971r. Master’s Thesis (1–9). (S/U grade only.)

**EEL** 6980r. Dissertation (1–12). (S/U grade only.)

**EEL** 8964. Preliminary Doctoral Examination (0). (S/U grade only.)

**EEL** 8966r. Master’s Comprehensive Examination (0). (S/U grade only.)

**EEL** 8976. Master’s Thesis Defense (0). (S/U grade only.)

**EEL** 8985r. Dissertation Defense (0). (S/U grade only.)

For listings relating to the master’s and doctoral programs in electrical engineering, consult the Graduate Bulletin.

**ELEMENTARY EDUCATION:**

see Childhood Education, Reading, and Disability Services.
tions with Florida State University students. The department maintains a growing videotape collection to supplement classroom instruction, and two computer classrooms house computer-assisted writing instruction. All majors with a GPA above 3.0 are eligible to apply for membership in Lambda Iota Tau, the local chapter of a national literary honor society, which sponsors a variety of social events and career programs. The department annually recognizes outstanding achievement with the following awards and honors: the Fred L. Standley Award for Undergraduate Excellence in English, the George Harper Award for Outstanding Essay Writing, the Betty Corry Award for Outstanding Undergraduate Creative Writing, the Cody Harris Allen Undergraduate Writing Award, the John MacKay Shaw Academy of American Poets Award, the George Yost Essay Award, and the Mart P. and Louis Hill English Honors Thesis Award.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

ENC X101 and ENC X102; or six (6) semester hours of courses taught in the Department of English each with 6,000 words of evaluated writing for a total of 12,000 words.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Prerequisites for the Major

In order to satisfy prerequisites for the English major, students must accomplish the following:

1. Completion of at least fifty-two (52) semester hours of acceptable college credit with an overall GPA of at least 2.0;
2. Satisfactory completion (“C−” or better) of all courses necessary for the Gordon rule (State Board of Education Rule 6A-10.030).

For Upper-Division Courses in the Major (Non-Liberal Studies)

Satisfactory completion (pass) of at least two semesters of college-level classical or modern foreign language courses or the equivalent (native speakers of a foreign language excepted).

Only majors who have satisfied these prerequisites will be permitted to register for upper-division non-liberal studies English courses.

Requirements for a Major in English

General Requirements: Thirty-three (33) semester hours of English in courses numbered above 1999. At least twenty-one (21) semester hours must be in courses at the 3000 and 4000 levels, including at least nine (9) semester hours at the 4000 level. Honors thesis hours may be applied toward the bachelor of arts (BA) degree, but only three (3) semester hours will be accepted for major credit. Majors who complete teacher certification requirements may count three (3) semester hours of internship elective credit at the 3000 level. One English course used to satisfy the humanities requirement for liberal studies may be counted as part of the major. All courses counted toward the major must carry the grade of “C−” or better. A minor in another department is also required; all courses counted toward the minor also must carry the grade of “C−” or better.

Each student will choose one of the following areas:

1. Concentration in Literature
   a. Three (3) semester hours in ENG 3014 Critical Issues in Literary Studies (must be taken before student reaches ninety [90] semester hours);
   b. Literature Courses: At least eighteen (18) semester hours of literature courses beyond the 2000 level. Specifically required are:
      i. Three (3) semester hours in United States literature at the 3000 or 4000 level;
      ii. Six (6) semester hours in British literature before 1800, including at least three (3) semester hours before 1660, at the 3000 or 4000 level;
      iii. Three (3) semester hours in British literature after 1800 at the 3000 or 4000 level;
      iv. Three (3) semester hours in ENG 4934 Senior Seminar in English (must be taken after student reaches ninety [90] semester hours); and
      v. Three (3) semester hours in other literature courses at the 3000 or 4000 level.
   c. Electives: Twelve (12) semester hours in other English courses.

2. Concentration in Writing
   a. Writing Courses: Fifteen (15) semester hours in at least two of the following categories, of which at least nine (9) semester hours shall be in workshop courses listed below in bold type. Workshop courses with the “r” designation are repeatable with the instructor’s permission.
      Note: Only three (3) semester hours of ENC 3310r Article and Essay Workshop may count toward the nine (9) semester hours in workshop courses.
      i. Article and Essay: ENC 3310r, ENC 4311r, ENC 4020; ENC 4212, ENC 4550, ENC 4942r;
      ii. Fiction: CRW 3110, CRW 4120r;
      iii. Poetry: CRW 3311, CRW 4320r;
      iv. Drama: CRW 3410, CRW 4420r.
   b. Literature Courses: Fifteen (15) semester hours of literature, of which at least three (3) semester hours shall be in English literature before 1900.
   c. Electives: Three (3) semester hours in other English courses.

3. Concentration in English Studies

Students desiring to structure their own concentrations may propose a coherent program emphasizing, for example, a period, a genre, a theme, theory and criticism, or a combination of areas such as popular culture and film. The proposal, formulated in close consultation with and approved by the student’s adviser, should include a total of at least twenty-four (24) semester hours at the 3000 and 4000 levels (nine [9] of these twenty-four [24] semester hours must be at the 4000 level in English and nine [9] may be in relevant courses outside the department). The proposal must be submitted to the faculty undergraduate committee for approval before midterm in the last semester of the student’s junior year. To be eligible for the concentration in English studies, students must have at least a 3.0 cumulative GPA.

Exit Surveys/Interviews

To be eligible for graduation, each student must complete an exit interview or survey.

Honors in the Major

The Department of English offers honors in the major to encourage talented students to undertake independent research via two special seminars and two semesters of thesis work. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and the Director of Undergraduate Studies in English.

Requirements for a Minor in English

Minor: At least twelve (12) semester hours in English courses numbered above 1999. Students must have at least a “C−” average in the minor.

English Major with an Emphasis in Business

This program is designed for those students who are interested in a liberal education that will at the same time give them maximum preparation for a business career. The curriculum combines extensive training in the broad field of the liberal arts with specialized training in the field of business. At the end of four years the student graduates with a bachelor of arts degree with a major in English and an emphasis in business. Students pursuing this program will meet the requirements of the English major and take a specified number of hours in business, normally thirty (30) semester hours. For a list of the business courses required and other information concerning the program, the student should contact the Director of Undergraduate Studies in English or the departmental
academic advisers. This program, emphasis in business, is in contrast to the eighteen (18) semester hours which constitute a minor in business for arts and sciences majors.

**Definition of Prefixes**

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<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
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<tbody>
<tr>
<td>AML</td>
<td>American Literature</td>
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<tr>
<td>CRW</td>
<td>Creative Writing</td>
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<td>EAP</td>
<td>English as a Second Language for Academic Purposes</td>
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<td>ENC</td>
<td>English Composition</td>
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<td>ENG</td>
<td>English: General</td>
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<td>ENL</td>
<td>English Literature</td>
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<td>LAE</td>
<td>Language Arts and English Education</td>
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<td>LIN</td>
<td>Linguistics</td>
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<td>LIT</td>
<td>Literature</td>
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<td>REA</td>
<td>Reading</td>
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**Undergraduate Courses**

**ENC 1101. Freshman Composition and Rhetoric (3).** Drafting and writing of expository essays and a journal for a total of 7,000 words. May not be taken by students with credit in ENC 1149. No auditors.

**ENC 1102. Freshman Writing, Reading, and Research (3).** Prerequisite: ENC 1101 or 1149. Reading, research, drafting and writing of essays and a journal for a total of 7,000 words. No auditors.

**ENC 1121. Freshman Composition and Rhetoric: Honors (3).** This accelerated course is designed for honors students with their level of performance will be expected to exceed the level attained by students in ENC 1101. Enrollment through the honors program.

**ENC 1122. Freshman Writing About Literature: Honors (3).** As a literature-based composition course, essay topics will be drawn from selected short stories, drama, and poetry. This accelerated course is designed for honors students; thus, their level of performance will be expected to exceed the level attained by students in ENC 1102. Enrollment through the honors program.

**ENC 1142. Freshman Imaginative Writing Workshop (3).** Prerequisite: ENC 1101 or 1149. Freshman-level creative writing with some critical analysis of literature; emphasizes workshop atmosphere with class participation. Workshops offered in both poetry and fiction. Written work will total 7,000 words. Should not be taken by students with final grades below C in ENC 1101. No auditors.

**ENC 1144, 1145. Freshman Special Topics in Composition (3).** Prerequisite: ENC 1101 or 1149. Freshman-level nonfiction prose writing on selected subjects for a total of 7,000 words. Topics vary. No auditors.

**ENC 1149. Basic English Skills (6).** Credit by CLEP examination only.

**ENC 1905r. Improving College-Level Writing (1–3).** Prerequisite: ENC 1101 or 1149. Course aims to improve writing skills through focused, in-depth instruction in a small group setting. Topics vary. No auditors.

**ENG 4013. Literary Criticism (3).** A survey of the evolution of English sounds, inflections, syntax, vocabulary, and orthography from Anglo-Saxon times to the present. No auditors.

**ENG 4316. Film Genres (3).** Film as a means of exploring the problems of genre studies: relationship to literary genres, historical continuity, transformation of genre in the film medium.

**ENG 3060. Hollywood Cinema (3).** This course surveys central problems in the study of mainstream U.S. cinema. Topics include major historical developments, arguments over aesthetic value, and close examinations of critically important films.

**ENG 3931r. Topics in English (1–3).** May be repeated to a maximum of twenty-four (24) semester hours.

**ENL 3184. British Drama: History, Text, and Criticism (3).** This course is an introduction to the development of British drama and its representation on the London stage. Students read and attend performances of plays from the major periods of British literary and dramatic history, from the Renaissance to the modern period.


**ENL 3334. Introduction to Shakespeare at the college level.** Consideration of representative works of comedy, history, tragedy, and romance drawn from throughout the playwright's career.

**ENG 3603. Hollywood Cinema (3).** This course surveys central problems in the study of mainstream U.S. cinema. Topics include major historical developments, arguments over aesthetic value, and close examinations of critically important films.

**LIT 3043. Modern Drama (3).** From O'Neill, Pirandello, Miller, and Theatre of the Absurd to the present.

**LIT 3383. Women in Literature (3).** An examination of the representation of women in literature.

**AML 4111. The 19th-Century American Novel (3).** From Brown and Cooper to Hawthorne, Melville, Twain, and Crane.

**AML 4121. The 20th-Century American Novel (3).** Typically Dreiser, Dos Passos, Fitzgerald, Hemingway, Faulkner, Bellow, and Wright.

**AML 4281. Literature of the South (3).** Survey from Colonial times to the present, including Shakespeare, Minstrelsy, Woolf, Faulkner, Curren, O'Connor, and others.

**AML 4604. The African American Literary Tradition (3).** An examination of selected works by major African American writers.

**AML 4680r. Studies in Ethnic Literature (3).** Advanced study offering a survey of a particular ethnic literary tradition and adopting a cultural studies model. May be repeated up to a maximum of twenty-four (24) hours credit.

**CRW 4120r. Fiction Workshop (3).** Prerequisite: Permission of instructor. Practice in short story, novella, or novel. Students will be expected to work toward submission and publication of manuscripts. May be repeated for a total of twenty-four (24) hours credit.

**CRW 4220r. Drama Workshop (3).** Prerequisite: Permission of instructor. Students will write, revise, and prepare for submission a one to three-act play; playing time: not less than one hour. May be repeated to a maximum of twenty-four (24) semester hours.

**ENG 4212. Editing: Manuscripts, Documents, Reports (3).** Actual editing of another’s work, synthesizing another’s ideas and data, structuring and clarifying.

**ENG 4315r. Advanced Article and Essay Workshop (3).** Prerequisite: Permission of instructor. Writer-editor relationship between student and instructor. For writers who aspire toward publication. May be repeated to a maximum of twenty-four (24) semester hours.

**ENG 4500. Theories of Composition (3).** Prerequisites: ENL 3310r, permission of instructor. Examination of topics in the teaching of composition, including theories of the composing process, invention, revision, assigning, and evaluating student writing, and the relationship between writing and reading.

**ENG 4624r. Internship in Editing (0–3).** (S/U grade only) Practical experience in editing, publication. May be repeated to a maximum of three (3) semester hours.

**ENG 4701. Critical Theory (3).** An historical overview of critical texts that consider the nature of literature from antiquity to the early 20th century. Typically includes readings from Plato, Aristotle, W. B. Yeats, and other major figures in the development of literary theory. For upper-division students who intend to teach English composition.
Major in ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT

COLLEGE OF BUSINESS

Director and Jim Moran Professor of Entrepreneurship: Jerome S. Osteryoung; Jim Moran Professor of Business Administration: Perrewe; Professors: Coats, Corbett, Giunipero, Hillison, Maroney, Martinko, Osteryoung, Perrewe; Associate Professors: Flynn, Matherly; Assistant in Entrepreneurship: Presnell

The undergraduate major in entrepreneurship and small business management (ESBM) is designed for those who want to learn more about entrepreneurial and small business fundamentals and concepts. Students admitted into this major will participate in courses and seminars staffed by faculty members, as well as entrepreneurs and small business owners/managers. Students will have opportunities to learn firsthand what is needed to start a new business venture, as well as run an existing business.

The purpose of the ESBM major is to give students the knowledge, skills, and confidence to start or run their own business.

Students who successfully complete the ESBM major will receive a bachelor of science (BS) degree in business administration. They may also major in any of the functional academic areas in the College of Business.

Students seeking the ESBM major first must be admitted to the College of Business. The final decision regarding admission to the ESBM major will be based on a student’s written application to the ESBM curriculum director. Students may apply each Fall and Spring semester. Information regarding admissions can be obtained from the College of Business undergraduate programs office (RBB 328).

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division program:

1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071;
3. CGS X100*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or QMB X100.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a Major in Entrepreneurship and Small Business Management

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for entrepreneurship and small business management majors; 3) the general business core requirements for entrepreneurship and small business management majors; 4) the general business breadth requirements for entrepreneurship and small business management majors; and 5) the major area requirements for entrepreneurship and small business management majors.

Note: To be eligible to pursue an entrepreneurship and small business management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All entrepreneurship and small business management majors must complete the following five (5) courses. A grade of “C−” or better must be earned in each course.

- BUL 3310 The Legal Environment of Business (3).
- FIN 3403 Financial Management of the Firm (3).
- GEB 3213 Business Communication (5).
- MAN 3240 Organizational Behavior (3).
- MAR 3023 Basic Marketing Concepts (3).

General Business Breadth Requirements

All entrepreneurship and small business management majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C−” or better. No course may be used to satisfy part of the general business breadth requirements and part of the major area requirements.

- ISM 3011 Introduction to Management Information Systems (3).
- QMB 3200 Quantitative Methods for Business Decisions (3).
- Plus three (3) electives from the following list of courses:
  - HFT 3240 Managing Service Organizations (3).
  - MAN 3504 Services Operations Management (3).
  - MAN 3600 Multinational Business Operations (3).
  - MAN 4720 Strategic Management and Business Policy (3).
  - MAR 3700 Professional Selling (3).
  - REE 3043 Real Estate (3).
  - RMI 3011 Risk Management/Insurance (3).

Major Area Requirements

All entrepreneurship and small business management majors must complete eight (8) courses as listed below. A grade of “C−” or better must be earned in each course used to satisfy the entrepreneurship and small business management major area requirements. No course may be used to satisfy part of the major area requirements and part of the general business breadth requirements.

- GEB 3130 Introduction to Entrepreneurship and Small Business Management (3).
- GEB 4110 Business Plan Development (3).
- GEB 4113 Managing the Small to Mid-Sized Company (3).
- GEB 4131 Entrepreneurial Seminar (3).
- Plus four (4) electives from the following list of courses:
  - ACG 3171 Analysis of Financial Statement Presentation (3).
  - ACG 3331 Cost Accounting and Analysis for Business Decisions (3).
  - FIN 4424 Problems in Financial Management (3).
  - GEB 4122 Seminar in Small Business Analysis and Assistance (3).
  - HFT 3000 Introduction to Hospitality and Tourism Management (3).
  - MAN 3504 Services Operations Management (3).
  - MAN 4301 Human Resource Management (3).
  - MAR 3323 Promotional Management (3).
  - MAR 3461 Principles of Purchasing (3).
  - MAR 4403 Sales Management (3).
  - REE 3043 Real Estate (3).

Definition of Prefix

GEB—General Business

Undergraduate Courses

Note: The following listed courses are restricted to ES BM majors only.

- GEB 3130. Introduction to Entrepreneurship (3). Prerequisite: BUL 3310; MAN 3240; MAR 3023; admission to the ESBM major. Exposes students to the knowledge and skills required to be a successful entrepreneur. Topics include: challenges of entrepreneurship, marketing and financial concerns, and management issues. Students will have the opportunity to interact with local entrepreneurs and to complete a feasibility study for their future business.

- GEB 4110. Business Plan Development (3). Prerequisite: GEB 3130. Students have the opportunity to complete a business plan for the creation of a new venture. In the process of development, they will identify new or emerging opportunities for providing goods or services, demonstrate the need for such goods or services through market research, and develop financial statements for the proposed venture.

- GEB 4113. Managing the Small to Mid-Sized Company (3). Prerequisite: GEB 3130. This course addresses the management of rapidly growing entrepreneurial firms. Topics will...
include building an infrastructure, planning stage financing, managing under adversity and managing a business with rapid growth.

**GEB 4122. Seminar in Small Business Analysis and Assistance (3).** Prerequisite: Permission of the instructor. Selected seminars complemented by a 10-week, two-person student consulting team working with a local area entrepreneurial client. Closely supervised with a comprehensive consulting report provided for each client.

**GEB 4131. Entrepreneurial Seminar (3).** Prerequisite: GEB 3130. Focus on the financial strategies for survival and expansion of existing entrepreneurial businesses, as well as for developing new business ventures.

**GEB 4930R. Special Topics in Business (1–3).** The content of this course varies to provide an opportunity to study current issues in business and topics not covered in other courses. May be repeated to a maximum of nine (9) semester hours as content varies. Prerequisites may vary as content varies; contact the department for further information.

**ENVIRONMENTAL ENGINEERING:** see Civil and Environmental Engineering

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**Department of FAMILY AND CHILD SCIENCES**

**COLLEGE OF HUMAN SCIENCES**

**Chair:** Kay Pasley; **Professors:** Darling, Fincham, Krantz, Lee, R. Mullis, Ralston; **Associate Professors:** Cornille, A. Mullis, Readdick, Rehm; **Assistant Professors:** Bojczyk, Curenton, McWey; **Associate in Family and Child Science:** Mills; **Professors Emeriti:** Dales, Greenwood, Hansen-Gandy, Hendrickson, Hicks, Pestle, Rapp, Ridley-Bell, Zongker

The Department of Family and Child Sciences offers three degree programs: family and child sciences, human sciences, and family and consumer sciences education. All programs require maintaining a GPA of at least 2.5 in the courses required for graduation as part of the degree program.

Within the **family and child sciences** degree, students can emphasize either family and child development or family life education. Both emphases address family relations, marital interaction, parent-child interaction, and the growth and development of children within life course and applied developmental science perspectives. Both emphases provide students with an introduction to working in applied settings, including human services agencies, educational settings, child care, and family advocacy. The unique focus of Family Life Education is on the courses that prepare students to develop and implement educational programs for children, youth and families to strengthen family life. This emphasis provides the necessary background to apply for certification from the National Council on Family Relations to become a “certified family life educator.” It does NOT lead to teacher certification in Florida.

Both emphases include human sciences general core courses, developmental courses in the major, and in the case of family and child development, an approved area of concentration in an allied field. Appropriate internships in applied settings are encouraged. Both emphases require four courses as prerequisites. Students must achieve at least a “B-” in FAD 2230, 3220, 3271 and CHD 2220. Individuals who apply for the major but who have not met the prerequisite requirements will be classified as Prerequisite Incomplete (PI). Students who do not achieve a grade of “B-” may re-take these courses only once.

Within the **human sciences** major, students take a variety of courses from the disciplines represented in the College of Human Sciences, including family and child sciences. The course content prepares students to take the Florida Teachers Examination (subject matter specific in Family and Consumer Sciences) as required for obtaining a temporary teaching certificate and ultimately being competitive for Florida’s Alternative Teacher Certification. The curriculum is not approved by the State Board of Vocational Education for permanent certification as in the case of the family and consumer science education program. With careful guidance by an adviser, students can prepare for meeting the various requirements that allow them to teach teaching positions in middle and secondary schools. The major also prepares students for positions in human services agencies and the Cooperative Extension Service.

The **family and consumer sciences education program** is a broad-based program preparing graduates to teach family and consumer sciences in middle and secondary schools, to work with the Cooperative Extension Service, and to assume a variety of educator positions in business, industry and government. Students gain a background in the subject matter areas of human sciences and an understanding of the teaching-learning process.

**ENVIRONMENTAL PLANNING AND NATURAL RESOURCE MANAGEMENT:** see Urban and Regional Planning

**ENVIRONMENTAL STUDIES:** see Geography

**EVALUATION AND MEASUREMENT:** see Educational Psychology and Learning Systems

**EVOLUTIONARY BIOLOGY:** see Biological Science

**EXERCISE PHYSIOLOGY:** see Nutrition, Food and Exercise Sciences

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The major in family and consumer sciences education includes specific liberal studies courses: BSC 1005; CHM 1020; ECO 2000; POS 1041; PSY 2012; and the following courses in the College of Human Sciences: CTE 1401, 1310, 3201; HUN 1201; HME 4221; HOS 3022, 3022L; HHD 3130; CHD 2220, 3240; FAD 2230; HME 4221; COA 4131 or 3151; HOE 3050; HUE 3103, 4300.

Curriculum guidelines stating specific degree requirements for the undergraduate majors are available through the Department of Family and Child Sciences and through our Web site, http://www.chs.fsu.edu/fcs.

**State of Florida Common Course Prerequisites**

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for these degree programs:

**Family and Child Sciences**

1. One course (three [3] semester hours) with the PSY prefix;
2. One course (three [3] semester hours) with the BSC prefix;
3. CHD X220;
4. FAD X230;
5. HUN X201.

**Human Sciences, General**

1. CHM X020;
2. CTE X310;
3. CTE X401;
4. ECO X013;
5. FAD X230;
6. HUN X125;
7. HUN X201.

**Family and Consumer Sciences Teacher Education (Vocational)**

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics, (MGF, MTG, MAC and STA prefixes only) excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history;
5. One course from each of the following areas for a total of fifteen (15) semester hours: biology; chemistry; economics; psychology; political science.
Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.
In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning the AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.
Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.
Note: Courses in category 5 above may be applied to the corresponding requirements in liberal arts and sciences noted above.

Special Criteria for Teacher Education Program
Please refer to the “College of Education” chapter of this General Bulletin for undergraduate criteria for the teacher education program.

Criteria for Admission to Associate Teaching
Please refer to the “College of Education” entry for admission to associate teaching.
In addition, the following departmental requirements must be met for admission to associate teaching:
1. Completion of specified courses in the area of teaching field specialization;
2. An overall grade point average (GPA) of 2.5 or above in all course work completed in the teaching field specialization;
3. An overall GPA of 2.5 or above in all professional education course work completed; and,
4. An overall GPA of 2.0 or above in all liberal studies or general education course work.

Certifications
The family and consumer sciences education major includes the requirements for teacher certification as established by the Florida Department of Education and qualifies graduates to teach both the consumer-homemaking and occupational aspects of family and consumer sciences in middle/junior high schools, high schools, and adult programs. The curriculum is approved by the State Board of Vocational Education.

Honors in the Major
The Department of Family and Child Sciences offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes
CHD—Child Development
FAD—Family Development
HEE—Home Economics Education
HOE—Home Economics: General

Undergraduate Courses
Family and Child Sciences

CHD 2220. Child Growth and Development: The Foundation Years (3). The study of children from birth through middle childhood.
CHD 3472. Child Guidance (3). Prerequisite: Admission to major. Students will learn principles of positive guidance to apply in guiding children during early childhood, middle childhood, and early adolescence.
CHD 4225. Contexts for Early Childhood Development (3). Prerequisites: Admission to major and junior standing. Corequisite: CHD 4225 or CHD 4250. This course is designed to provide students with experience in a community setting serving children, families, and/or adults. These experiences will provide students with opportunities to relate class materials with the world environment of child and family services and to develop basic intervention skills.

CHD 4221. Contexts for Middle Childhood Development (3). Prerequisites: Admission to major and junior standing. Corequisite: CHD 4225 or CHD 4250. This course is designed to provide students with experience in a community setting serving children, families, and/or adults. These experiences will provide students with opportunities to relate class materials with the world environment of child and family services and to develop basic intervention skills.
Family and Consumer Sciences Education

**HEE 3103. Philosophy and Methods of Teaching Home Economics (3).** Coordination of goals, methods, and media of organization of instructional materials and resources. Developing a philosophy of home economics teaching. Observations-participation required.

**HEE 4004. The Educative Process (3).** Planned for human sciences majors who need preparation for teaching in special situations. Not open to family and consumer sciences education majors.

**HEE 4300. Curriculum Development in Home Economics (3).** Prerequisite: HEE 3103; Corequisite: HEE 4150. Scope, sequence, concepts, generalizations, learning experiences, evaluative processes, media, and resources related to curriculum development.

**HEE 4905. Directed Individual Study (1–3). (S/U grade only.)** May be repeated to a maximum of four (4) semester hours.

**HEE 4941. Student Teaching (1–2). (S/U grade only.)** Field experience in the teaching of vocational home economics.

### Graduate Courses

#### Child Development Courses

- **CHD 5266. Advanced Child Development (3).**
- **CHD 5617. Professional Development in Family and Child Sciences (1).**
- **CHD 5618. Policy Development and Analysis in Child and Family Sciences (3).**
- **CHD 5906r. Directed Individual Study (1–3). (S/U grade only.)**
- **CHD 5915r. Supervised Research (1–3). (S/U grade only.)**
- **CHD 5916. Methods of Research (3).**
- **CHD 5919. Grant Writing in Family and Child Sciences (3).**
- **CHD 5940r. Practicum in Child Development: Varied Ages (infancy, preschool, school-age) (3–9).**
- **CHD 5942r. Supervised Teaching (1–3). (S/U grades only.)**
- **CHD 6261. Theories of Child Development (3).**
- **CHD 6264. Assessment Techniques for Children and Families (3).**
- **CHD 6930r. Seminar in Child Development: Topics Vary and/or Ages Vary (prenatal, infancy, preschool, school-age through adolescence) (3–9).**

#### Family Relations Courses

- **FAD 5256. Parent and Child Relations (3).**
- **FAD 5261. Families in Crisis (3).**
- **FAD 5263. Advanced Family Studies (3).**
- **FAD 5481r. College Teaching in Family Sciences (2–3). (S/U grade only.)**
- **FAD 5619. Professional Issues in Family and Child Sciences (3).**
- **FAD 5900r. Readings in Family and Child Sciences (3).**
- **FAD 5906r. Directed Individual Study (1–3). (S/U grade only.)**
- **FAD 5912r. Supervised Research (1–3). (S/U grade only.)**
- **FAD 5934r. Seminar in Family and Child Sciences (3–9).**
- **FAD 5942r. Supervised Teaching (1–3). (S/U grade only.)**
- **FAD 5944r. Internship-Family Child (1–12).**
- **FAD 5970. Special Project (3). (S/U grade only.)**
- **FAD 6260. Family Development and Interaction (3).**
- **FAD 6436. Theories of Family Sciences (3).**
- **FAD 6450. Human Sexuality (3).**
- **FAD 6606. Supervision in Marriage and Family Therapy (3).**
- **FAD 6607. Family Therapy and Services Research Methods I (3).**
- **FAD 6608. Family Therapy and Services Research Methods II (3).**
- **FAD 6917. Methods in Family and Child Sciences (3).**
- **FAD 6930r. Special Topics: Marital and Family Therapy (Topics Vary) (3–9).**
- **FAD 6935r. Special Topics: Family and Child Development (Topics Vary) (3–9).**
- **FAD 6940r. Practicum in Marital and Family Therapy (1–5).**

#### Family and Consumer Sciences Education Courses

- **HEE 5160. Methods and Media in Home Economics Education (3).**
- **HEE 5340. Home Economics Program Development (3).**
- **HEE 5347r. International Home Economics (1–3).**
- **HEE 5450. Educational Measurements and Evaluation (3).**
- **HEE 5560. Supervision of Home Economics (3).**
- **HEE 5651. History and Philosophy of Home Economics (3).**
- **HEE 5900r. Readings in Home Economics Education (3–12).**
- **HEE 5906r. Directed Individual Study (1–3). (S/U grade only.)**
- **HEE 5911r. Supervised Research (1–4). (S/U grade only.)**
- **HEE 5935r. Special Topics in Home Economics Education (1–6). (S/U grade only.)**
- **HEE 5942r. Supervised Teaching (1–4). (S/U grade only.)**
- **HEE 6180. College Teaching of Home Economics (3).**
- **HEE 6936r. Home Economics Research Seminar (1–3).**

The Department of Family and Child Sciences, through the programs in family and child sciences and family and consumer sciences education, offers graduate programs leading to the master of science (MS) degree in the respective areas and the doctor of philosophy (PhD) degree in human sciences. For further information relating to graduate course work, and thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

**FILM STUDIES:** see Motion Picture, Television, and Recording Arts

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**Department of FINANCE**

**College of Business**

Chair: William A. Christiansen; Professors: Ang, Celce, Clark, Coats, Humphrey, Lee, Osteryoung, Peterson; Associate Professors: Benesh, Christiansen; Assistant Professors: Autore, Cheng, Doran, Haslem, Hutton, Inci, Jiang; Assistant in Finance: Smith; Fannie Wilson Smith Eminent Scholar in Banking: Humphrey; Patty Hill Smith Eminent Scholar in Finance: Lee; Bank of America Eminent Scholar in Finance: Ang; Wachovia Professor of Finance: Peterson; Jim Moran Professor of Entrepreneurship: Osteryoung; Robert C. Earnest Professor of Finance: Coats; Bank of America Professor in Finance: Christiansen.

Finance is considered one of the basic functions of our private enterprise system. Finance can be defined as the art and science of managing money. Each of the many firms, businesses, institutions, and governmental agencies in our economic system has the problems of obtaining, administering, and managing its funds efficiently and wisely. Nearly every decision made by an organization has important financial implications. Thus, the finance student is introduced to and studies the theory, concepts, applications, institutional environment, and analytical tools essential for proper decision making. Finance is designed as preparation for a broad variety of careers since all organizations need individuals knowledgeable about finance. Careers may be in financial management and analysis, banking, financial institutions, financial markets, investments, portfolio analysis and management, financial planning, and multinational finance. Finance is also considered good preparation for graduate study in law or business.

### State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upperdivision program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students must be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upperdivision degree program:

1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071;
3. CGS X100*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or QMB X100.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.
Requirements

Program

Candidates for the bachelor of science (BS) or bachelor of arts (BA) degree with a major in finance must complete a minimum of one hundred twenty (120) semester hours. Normally, four semesters of work are devoted to the Liberal Studies Program and additional foundation courses in mathematics, economics, and statistics. The finance major must complete the business common body of knowledge, which includes work in accounting, quantitative methods, management, business law, marketing, computer science, business communications, and basic finance. The finance major requirements consist of an additional eighteen (18) semester hours of work in advanced finance and accounting courses.

Requirements for a Major in Finance

All students must complete the following: (1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; (2) the State of Florida common course prerequisites for finance majors; (3) the general business core requirements for finance majors; (4) the general business breadth requirements for finance majors; and (5) the major area requirements for finance majors.

Note: To be eligible to pursue a finance major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements for Finance Majors:

All finance majors must complete the following five courses. A grade of “C–” or better must be earned in each course.

- **BUL 3310** The Legal Environment of Business (3).
- **FIN 3403** Financial Management of the Firm (3).
- **GEB 3213** Business Communications (3).
- **MAN 3240** Organizational Behavior (3).
- **MAR 3023** Basic Marketing Concepts (3).

General Business Breadth Requirements for Finance Majors:

All finance majors must complete five courses as follows. Each course selected must be completed with a grade of “C–” or better.

- **FIN 3244** Financial Markets, Institutions, and International Finance Systems (3).
- **QMB 3200** Quantitative Methods for Business Decisions (3).
- **HFT 3240** Managing Service Organizations (3).
- **ISM 3011** Introduction to Management Information Systems (3).
- **MAN 3504** Services Operations/Management (3).
- **MAN 3600** Multinational Business Operations (3).
- **MAN 4720** Strategic Management and Business Policy (3).
- **MAR 3700** Professional Selling (3).
- **REE 3043** Real Estate (3).
- **RMI 3011** Risk Management/Insurance (3).

Major Area Requirements for Finance Majors:

All finance majors must complete six courses (eighteen [18] semester hours) as listed below. A grade of “C–” or better must be earned in **FIN 4424**, **FIN 4504**, and the two additional finance electives used to satisfy the finance major area requirements. A minimum grade point average (GPA) of 2.0 must be earned in the courses used to satisfy the finance major area requirements.

- **ACG 3171** Analysis of Financial Statement Presentation (3).
- **ACG 3331** Cost Accounting and Analysis for Business Decisions (3).
- **FIN 4424** Problems in Financial Management (3).
- **FIN 4504** Investments (3).
- Plus two (2) electives from the following list of courses:
  - **FIN 4294** Commercial Bank Administration (3).
  - **FIN 4329** Current Issues in Banking (3).
  - **FIN 4412** Short-Term Financial Management (3).
  - **FIN 4453** Financial Modeling and Forecasting (3).
  - **FIN 4514** Security Analysis and Portfolio Management (3).
  - **FIN 4604** Multinational Financial Management (3).
  - **FIN 4934r** Senior Seminar in Finance (3).
  - **REE 4204** Real Estate Finance (3).

Honors in the Major

The Department of Finance offers honors in the major to encourage talented students to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

- **ECP** — Economic Problems and Policy
- **FIN** — Finance
- **GEB** — General Business
- **MAN** — Management
- **QMB** — Quantitative Methods in Business

Undergraduate Courses

- **FIN 3140.** **Personal Finance** (3). A study of the concepts and processes in planning, analyzing, and controlling personal financial resources. Emphasizes financial planning, cash and credit management, managing expenditures, income and asset protection, investment planning, and retirement and estate planning. For nonbusiness majors only. Credit not allowed for business majors.
- **FIN 3403.** **Financial Management of the Firm** (3). Prerequisites: ACG 2021; ECO 2023. Examination of the basic concepts involved in the investment, financing, and dividend decisions of the business firm. Managerial orientation with emphasis on identification, analysis, and solution of financial problems confronting the firm.
- **FIN 3244.** **Commercial Bank Administration** (3). Prerequisites: FIN 3403, 3244. A study of the operations and administration of commercial banks and their role in the money and capital markets. Examines banking regulation, the lending function, investments, and the financial decision-making process.
- **FIN 3249.** **Current Issues in Banking** (3). Prerequisites: FIN 3244, 3403. An examination of current and topical issues in banking that are important for policy formation and the future of the banking industry.
- **FIN 4412.** **Short-Term Financial Management** (3). Prerequisites: FIN 3244, 3403. Course focuses on the decisions impacting the short-term cash flows of organizations—public, private, governmental, and non-profit. Topics include: cash management, treasury management, and working capital management.
- **FIN 4424.** **Problems in Financial Management** (3). Prerequisites: FIN 3244, 3403. An advanced study of financial management that relates the underlying principles of finance to the decision-making perspective of the financial manager. Selected topics include cash budgeting, working capital management, capital budgeting, risk analysis, valuation, long- and short-term financing, dividend decision, and financial forecasting. Case analyses are included.
- **FIN 4453.** **Financial Modeling and Forecasting** (3). Prerequisites: FIN 3403; QMB 3200. An introduction to financial modeling and forecasting. Emphasis is on computer models and forecasting financial variables.
- **FIN 4504.** **Investments** (3). Prerequisites: FIN 3403, 3244; STA 3014. An introduction to investment/security analysis. Includes an examination of investment instruments, the investment environment, the concept of risk-return, and the interactive forces between the economy, industries, and individual firms.
- **FIN 4514.** **Security Analysis and Portfolio Management** (3). Prerequisite: FIN 4504. An advanced and comprehensive coverage of investment topics including bond analysis, stock options, interest rate futures, options on futures contracts, portfolio analysis and management, and security market efficiency.
- **FIN 4604.** **Multinational Financial Management** (3). Prerequisites: FIN 3403, 3244. Introduces the environment of international capital and foreign exchange markets and examines the effects of the international business environment on risk, capital budgeting, working capital management, and capital structure decisions of the firm.
- **FIN 4905.** **Directed Individual Study** (1–3). This course permits study or exploration into a specialized topic of finance that is not included in one of the other finance courses. It also permits advanced and extensive study of finance topics beyond that included in the other finance courses. The study is conducted with the direct supervision of an individual faculty member. This course may not be used as one of the two required finance electives detailed in the major requirements. May be repeated to a maximum of five (5) times with the requirement that the topic changes each time. Consent of the department chairperson is required.
- **FIN 4934r.** **Senior Seminar in Finance** (3). Prerequisites: FIN 3403, 3244. May be repeated to a maximum of nine (9) semester hours as topics vary. Additional prerequisites may be required depending on the topic.
- **FIN 4970r.** **Honors Thesis** (1–6). Prerequisite: Admission to the honors program. May be repeated to a maximum of nine (9) semester hours. Six (6) semester hours of thesis are required to complete honors in the major.
Graduate Courses

**Department of GEOGRAPHY**

**COLLEGE OF SOCIAL SCIENCES**

**Chair:** Barney Warf; **Professors:** Elsner, Kodras, O’Sullivan, Warf; **Associate Professors:** Baker, Leib; **Assistant Professors:** Jacobson, Klooster, Savitsky, Stallins, Steinberg; **Affiliate and Adjunct Faculty:** Fradel, Miller

The Department of Geography offers two separate majors reflecting the discipline’s position straddling the social and natural sciences: the geography major and the interdisciplinary environmental studies major. While these programs overlap to some extent, they differ in their substantive focus: the geography major is oriented to social, economic, and political concerns, while the environmental studies major revolves more explicitly around human interactions with the natural, physical, and biological environment, with a stronger interdisciplinary focus. Students may double major in geography and environmental studies; a maximum of ten (10) semester hours may be double-counted toward both majors.

Several career paths await the graduating geographer in the public and private sectors. Geographers bring important knowledge and analytical techniques to resource management and planning agencies. Their training enables geographers to determine where public facilities and infrastructure are best located so that the greatest number of people benefit. These skills are also valued by private firms investing in residential or commercial development; a geographer can pinpoint where investments are likely to yield the best returns. Geographers fill such job titles as cartographer, intelligence officer, economic analyst, and soil conservationist. Another field is metropolitan and regional planning, in which geographers are engaged in monitoring environmental problems, land use changes, waste disposal, housing, transportation patterns, and poverty. Geographers in private business are involved in industrial location research, marketing, planning for utility companies, environmental and site location consultants, real estate firms, port and airport authorities, travel agencies, and in transportation planning for airlines or trucking firms. Many institutions use geographic information systems (GIS), and consulting firms serving state and local governments are increasingly called on to provide GIS expertise. The College of Social Sciences has a geographic information systems laboratory with several microcomputers running GIS, remote sensing, and statistical software. Finally, geographers find many jobs as teachers in a world integrated to the point that an understanding of geographic differences is essential to a basic education.

The geography department has expertise in the two areas of human geography and environmental problems. Students can concentrate in one of these areas but the natural linkages between them mean that courses in both are necessary for a complete geographical education. In human geography, faculty interests cover a number of interrelated topics, including global power relationships; the terrain tactics of war; social problems such as poverty and residential segregation, and the impact of policies designed to alleviate them; and the spatial structure of services, telecommunications, and international trade. The faculty also focuses on a number of environmental and resource issues, including the impacts of natural hazards such as hurricanes, the causes and effects of deforestation, and the development of policies to solve these and similar problems.

**State of Florida Common Course Prerequisites**

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Two introductory courses (six [6] semester hours) in geography with the GEO prefix.

**Geography Major**

Geography is an integrative discipline bridging the social sciences, physical sciences, and humanities in the study of the relations between human beings and the earth. Geography is fundamentally the study of space, much as history is the study of time. Why phenomena and events occur where they do, and the ramifications they have for other places and cultures, are essential geographic questions. Within this framework, geographers examine such issues as the linkages between international development and environmental conservation, the opportunities and problems associated with growth in Florida, the geographic bases of global power relationships; the terrain tactics of war; social problems such as poverty and residential segregation, and the impact of policies designed to alleviate them; and the spatial structure of services, telecommunications, and international trade. The faculty also focuses on a number of environmental and resource issues, including the impacts of natural hazards such as hurricanes, the causes and effects of deforestation, and the development of policies to solve these and similar problems.

**Major Requirements**

A geography major consists of thirty (30) semester hours, including GEO 1400, 3140, 3200C, 3540, and 4162C. No geography course with a grade below “C” will apply toward completion of the major. As part of the required (30) semester hours, the student must take at least six (6) semester hours of courses at the 4000 level (excluding GEO 4162C). A maximum of three (3) semester hours of GEO 4905r, Directed Individual Study (DIS) internship will be credited toward the major.

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

**FINANCE:**

see also Multinational Business Operations

**FOOD SCIENCE:**

see Nutrition, Food and Exercise Sciences

**FOOD SERVICE SYSTEMS:**

see Hospitality; Nutrition, Food and Exercise Sciences

**FOUNDATIONS OF EDUCATION:**

see Educational Leadership and Policy Studies

**FRENCH:**

see Modern Languages and Linguistics

**GENETICS:**

see Biological Science
### Requirements for Minor

A geography minor consists of twelve (12) semester hours of course work in geography (GEO 1400 plus nine [9] additional hours) completed with a grade of “C” or better.

For more information contact Dr. Jay Baker, Undergraduate Adviser, Department of Geography, 303 Bellamy, (850) 644-8380, jbaker@fsu.edu or visit our Web site at http://www.fsu.edu/~geog.

### Major in Environmental Studies

Environmental Studies is an interdisciplinary program of study that provides an in-depth understanding of the social and institutional context of contemporary environmental concerns, including topics such as ecosystem management, resource conservation, land use planning, natural hazards, and the policy dimensions of environmental issues. The major in environmental studies requires forty-one (41) semester hours with a grade of “C” or better.

### Natural Science Electives: Four courses (total of twelve [12] credit hours) from the following list:

- BSC 201 Biological Science II
- BSC 3052 Conservation Biology
- BSC 3312 Marine Biology
- BSC 4514 Aquatic Pollution Biology
- BSC 4934 Selected Topics in Applied Biology*
- CHM 1045 General Chemistry I Laboratory (CHM 1045C is prerequisite)
- GEO 1331 Environmental Science
- GEO 3200C Urban Geography
- GEO 4930 Introduction to Environmental Engineering Science
- ENV 4001 Environmental Engineering
- ENV 4046 Environmental Systems Analysis
- ENV 4341 Solid and Hazardous Waste Engineering
- GEO 4300 Biogeography
- GEO 4930 Special Topics in Geography*
- GLY 1892 Environmental Issues in Geology
- GLY 2010C Physical Geology
- GLY 4700C Geomorphology
- GLY 4820 Principles of Hydrology
- ISC 2003 Global Change: Its Scientific and Human Dimensions
- MET 2101 Physical Climatology
- MET 2502C Weather Analysis and Forecasting
- MET 2700 General Meteorology
- MET 3300 Introduction to Atmospheric Dynamics
- OCE 4011 Principles of Oceanography
- OCE 4017 Current Issues in Environmental Science
- OCE 4930 Studies in Oceanography*
- PCB 3043 General Ecology
- URP 4401 Coastal Ecosystems, Environmental Issues and Coastal Zone Management

### Social Science Electives: Three of the following courses (total of nine [9] semester hours):

- ECP 3113 Economics of Population
- ECP 3302 Economics of Natural Resources, Energy, and the Environment
- ECP 3322 Economics of Living Marine Resources
- GEO 3540 Economic Geography
- GEO 4340 Living in a Hazardous Environment
- GEO 4357 Environmental Conflict and Economic Development
- GEO 4372 Natural Resource Assessment and Analysis
- GEO 4471 Political Geography
- GEO 4602 Urban Geography
- GEO 4930 Special Topics in Geography*
- HIS 4930 Special Topics in History*
- PAD 3003 Public Administration in American Society
- PAD 4603 Administrative Law
- PUP 3002 Introduction to Public Policy
- PUP 4203 Environmental Politics and Policy
- SYD 3020 Population and Society
- URP 3000 Introduction to Planning and Urban Development
- URP 4022 Collective Decision Making
- URP 4314 Introduction to Growth Management and Comprehensive Planning
- URP 4402 Sustainable Development Planning in the Americas
- URP 4423 Environmental Planning and Resource Management
- URP 4710 Introduction to Transportation Issues and Transportation Planning
- URP 4936 Special Topics in Urban and Regional Planning

### Graduate Programs

Graduate programs are available leading to the master of arts (MA) and master of science (MS) degrees, and the PhD in geography. The graduate program in geography leads to a research-oriented degree centered around two intellectual foci corresponding to the faculty’s expertise: environmental management and social systems analysis.

Undergraduates contemplating a graduate degree in geography should take the Graduate Record Examination prior to submitting an application. Interested students should contact the Graduate Adviser, Dr. Jonathan Leib, at (850) 644-8375, or jleib@cott.fsu.edu.

### Definition of Prefixes

- GEA—Geography: Regional Areas
- GEO—Geography: Systematic
- GIS—Geographic Information Systems

### Undergraduate Courses

- GEA 1000—World Geography (3). A regional survey of the human occupation of the face of the earth, local cultures, political systems, and development problems.
- GEA 2210—United States and Canada (3). The physical diversity and the cultural and political patterns of North America.
- GEA 2270—Florida (3). The physical, social, and economic geography of the state, including growth, and environmental issues.
- GEA 3173—Third World in Film (3). Weekly feature films are used to investigate how the Third World is constructed as a distinct region, how its geography has influenced its history, cultural systems, and development prospects, and how residents have attempted to redefine the concept of “development.”
- GEA 3563—The Mediterranean (3). This course analyzes the Mediterranean region as a unified totality (southern Europe and North Africa), focusing on historical changes that underpin current geography.
- GEA 3704—East and Southeast Asia (3). Survey of the societies of East and Southeast Asia, including their historical development, cultural diversity, linkages to the world economy, and current socio-political structures.
- GEA 4405—Latin America (3). The contemporary Latin American landscape, its historical formation, societies and problems.
- GEA 4500—Europe (3). Europe’s terrain, variety of cultures, economies, and recent trends toward unity.
The physical and human geography of the United Kingdom and Ireland.

GEO 4554. Russia and Southern Eurasia (3). The peoples, cultures, and places of the former Soviet Union. Discusses the region’s natural environment, historical development, and contemporary politics.

GEO 4330. Environmental Science (3). The causes of local and global environmental problems and their impacts, including resource use, pollution, ecosystems, and population growth.

GEO 4140. Human Geography (3). Introductory survey of world cultures, population problems, global economic restructuring, international development, and political interdependence.

GEO 2200C. Physical Geography (3). An overview of Earth-sun relations, weather, climate, landforms, water systems, soils, and vegetation.

GEO 3423. Sports Geography (3). Geographical basis of sports at different spatial scales, including locational strategies of franchises, recruiting patterns and the urban political economy of professional sports arenas.

GEO 3502. Economic Geography (3). The geography of economic activity at local, national and global scales: historical development, regional development, spatial structure of agriculture, manufacturing and services, the global economy, third world poverty, and population growth.

GEO 3949r. Cooperative Education Work Experience (9). (S/U grade only.)

GEO 4152C. Spatial Data Analysis (3). Introduction to quantitative analysis of spatial data including measures of central tendency and dispersion, probability, sampling, statistical testing, correlation, point pattern analysis, and trend surface analysis.

GEO 4261C. Soils and Landforms (3). Hydraulic and geomorphological processes, and soils types and management.

GEO 4300. Biogeography (3). This course examines the spatial distributions of flora and fauna, ecosystem change, and human interventions such as logging, invasive species, and wilderness preservation.

GEO 4340. Living in a Hazardous Environment (3). Types of environmental hazards (natural and human-made) and their effects, techniques for the analysis of risks, strategies for recovering losses.

GEO 4357. Environmental Conflict and Economic Development (3). Examines controversies over the use, transformation, and destruction of nature, including political ecology.

GEO 4372. Natural Resource Assessment and Analysis (3). Assessment and analysis of policies concerning natural resources and environmental management in the U.S. and internationally.

GEO 4403. Global Change, Local Places (3). Students examine four aspects of global change—economic, environmental, cultural, and political—with a focus on how globalization is impacting individual countries and how places are responding to globalization’s challenges.

GEO 4421. Cultural Geography (3). The study of the processes by which various cultural features have diffused throughout the world. Emphasis is on the contemporary cultural landscape.

GEO 4450. Medical Geography (3). Prerequisites: GEO 1400, 4185C. Applies geographical concepts and techniques to health-related problems, including the ecology of disease, health diffusion, medical cartography, and health care access.

GEO 4460. Historical Geography (3). Concepts, approaches, and research methods for analysis of spatial patterns of the past and changes through time.

GEO 4471. Political Geography (3). The spatial dimensions of political processes from the local to the global level, including elections and geopolitics of the world system.

GEO 4481. Cultural Geography (3). The geography of warfare; tactics and terrain, strategy and the theater of war, insurgency, war in cities, geopolitics and grand strategy.

GEO 4602. Urban Geography (3). The historical growth of cities; spatial structure of commercial, industrial, and public facilities within cities; residential segregation; urban poverty and fiscal distress, and urbanization in the third world.

GEO 4701. Communications Geography (3). This course examines the geopolitics and space-shrinking effects of telecommunications, as well as economic and social impacts of several technologies, including the Internet and cyberspace.

GIS 4059. Directed Individual Study (1–5). May be repeated to a maximum of nine (9) semester hours.

GIS 4930r. Special Topics in Geography (3). May be repeated to a maximum of nine (9) semester hours.

GIS 4941r. Internship (3–6). Provides students with an opportunity to apply skills in supervised situations off-campus. Course may be repeated to a maximum of six (6) semester hours. Only three (3) may be counted toward the major.

GIS 5315. Map Analysis (3). An introduction to the acquisition, processing, and presentation of cartographic data.

GIS 4006. Computer Cartography (3). Examination of computer mapping systems, theory, methodology, and applications.

GIS 4043. Geographic Information Processing and Systems (3). Prerequisites: CGS 2060; GEO 3140; or consent of instructor. Survey of GIS topics, including locational control, spatial data structures, modeling and analysis, and future trends in decision support, sensors, and geographic methods.

GIS 4071. Environmental Field Methods (3). Design and implementation of a field-based project employing field sampling, GIS, GPS, and exploratory statistical methods.

Graduate Courses

GEO 5105. Advanced Area Studies (3).

GEO 5056. Social Theory and Spatial Structures (3).

GEO 5058. Survey of Geographic Thought (3).

GEO 5119C. Introduction to Geographical Research (3).

GEO 5165C. Quantitative Geography (3).

GEO 5262C. Soils and Landforms (3).

GEO 5287. Water Resource Analysis (3).

GEO 5305. Biogeography (3).

GEO 5345. Disaster Preparedness and Hazards Mitigation (3).

GEO 5358. Environmental Conflict and Economic Development (3).

GEO 5377. Natural Resource Assessment and Analysis (3).

GEO 5414. Geospatial Data and Analysis (3).

GEO 5417. Race and Place (3).

GEO 5425. Cultural Geography (3).

GEO 5465. Historical Geography (3).

GEO 5472. Political Geography (3).

GEO 5481. Military Geography (3).

GEO 5545. Advanced Economic Geography (3).

GEO 5555. World Systems Theory (3).

GEO 5605. Urban Geography (3).

GEO 5705. Communications Geography (3).

GEO 5908r. Directed Individual Study (1–5).

GEO 5918r. Supervised Research (1–3). (S/U grade only.)

GEO 5934r. Seminar in Current Topics (3).

GEO 5947r. Supervised Teaching (1–3). (S/U grade only.)

GIS 5080r. Dissertation (1–12). (S/U grade only.)

GIS 5039C. Advanced Remote Sensing (3).

GIS 5074. Environmental Field Methods (3).

GIS 5100. Advanced Geographic Information Systems (3).

GIS 5101. Geographic Information Processing and Systems (3).

GIS 5106. Advanced Geographic Information Science (3).

GIS 5111. Spatial Modeling in Geographic Information Science (3).

GIS 5131. Geographic Visualization (3).


GIS 5400. Geographical Information Systems Applications in Social Sciences (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

Department of GEOLOGICAL SCIENCES

COLLEGE OF ARTS AND SCIENCES

Chair: A. Leroy Odom; Professors: Odom, Tull, Wise; Associate Professors: Arnold, Donoghue, Kish, Parker, Salters, Wang; Assistant Professors: Fagherazzi, Georgen, Hu, Humayun; Professors Emeriti: Cowart, DeVore, Loper, Osmond

The Department of Geological Sciences offers undergraduate work for both majors and minors leading to the bachelor of science (BS) degree. Emphasis is on fundamental applications of chemistry, physics, biology, and the scientific method in the study of the earth; field experience is also stressed. Faculty members offer course work in many areas of surficial, tectonic, and stratigraphic geology and geochemistry.

The major program is intended to provide a well-rounded introduction to the study of the Earth as well as to prepare the student for more advanced study in the fields of natural resources, environmental planning, oceanography, geophysics, and other earth science specialties.

Various scholarships are offered (and part-time work is available) within the Department of Geological Sciences, with the Florida Geological Survey of the Florida Department of Environmental Protection (next door), and with other agencies of the state and federal governments.

Honors in the major can be earned by talented juniors and seniors by engaging in an independent project ending in an honors thesis. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-divi-
sion program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C, or CHM X045E;
2. CHM X046/X046L, or CHM X046C, or CHM X046E;
3. GLY X010C;
4. MAC X211;
5. PHY X048C or PHY X048/X048L*;
6. PHY X049C or PHY X049/X049L*;
7. PHY X053C*;
8. PHY X054C.

A course in historical geology is strongly recommended.

Note: (*) The choice of physics sequence depends on the area of geology specialization. Contact department for details.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Major

A minimum of thirty-eight (38) semester hours of geology, as specified below and including an elective course chosen from among senior-level and graduate-level geology courses. A major will also include one year each of chemistry with labs, physics and labs, and calculus. No geology or required chemistry, physics, or mathematics course with a grade below “C–” will apply. Based on the recommended series of chemistry, physics, and calculus courses, a candidate for the degree of bachelor of science (BS) in geology is required to successfully complete the following courses in addition to other coursework required by the College of Arts and Sciences:

MAC 2311 Calculus with Analytic Geometry I (4)
MAC 2312 Calculus with Analytic Geometry II (4)
CHM 1045 General Chemistry I (3)
CHM 1045L General Chemistry I Laboratory (1)
CHM 1046 General Chemistry II (3)
CHM 1046L General Chemistry II Laboratory (2)
PHY 2048C General Physics A with Laboratory (5)
PHY 2049C General Physics B with Laboratory (5)
GLY 2010C Physical Geology (4)
GLY 2100 Historical Geology (3)
GLY 2100L Historical Geology Laboratory (1)
GLY 3200C Mineralogy and Crystallography (3)
GLY 3220C Optical Mineralogy (2)
GLY 3310C Igneous and Metamorphic Petrology (3)
GLY 3340C Sedimentary Petrography (2)
GLY 3400C Structural Geology (4)
GLY 3610C Paleontology (4)
GLY 4511 Principles of Stratigraphy (3)
GLY 4750 Geological Field Methods (1)
GLY 4790 Field Course (6)
GLY 4XXX Geological Elective (2)
GLY 4790 requires the expenditure of approximately $1,400 by each student to cover the cost of travel and subsistence in the field. This amount excludes tuition. Students are expected to participate in field assignments which may require occasional physically strenuous effort.

It is recommended that students intending to transfer to The Florida State University for their junior and senior years’ work in geology complete one year of college chemistry before transferring in order to avoid delays in their program of studies.

Minor

The required chemistry-mathematics combination may constitute a minor, or the student may select any other approved minor.

Requirements for a Minor in Geological Sciences

A minor in geological sciences requires a minimum of twelve (12) semester hours, including: GLY 1000 and GLY 1000L or GLY 2100C; GLY 2100; GLY2100L. At least four (4) semester hours must be at the GLY 3000 level or above.

Definition of Prefix

GLY—Geology

Undergraduate Courses

ESC 2000C. Earth Science for EC/EE Teachers (4).
ISC 2937. Natural Science Honors Seminar (3).
SCE 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1). Note: For complete descriptions of the above courses, see interdisciplinary science courses listed in the “College of Arts and Sciences” chapter of this General Bulletin.

GLY 1000. Dynamic Earth (3). Introduction to geology as the study of planet Earth, its internal dynamics and its surficial weathering, erosion, and sedimentary processes. Course credit may not be received for this course and also GLY 1892 or 2010C.

GLY 1000L. Dynamic Earth Laboratory (1). Pre- or Corequisite: GLY 1000 or 1892. Laboratory study of minerals, rocks, maps.

GLY 1040. How to Build a Habitable Planet (3). This course provides students with an overview of the origin of the Earth within the context of the cosmos, the processes that have shaped the planet over the eons, and our stewardship of the fragile and magnificent environment we have inherited. Focus is centered upon the development of conceptual knowledge and upon applying the scientific method to the understanding of our planet.

GLY 2000. Planetary Geology (3). Introduction to the basic geological processes that apply to the planets and moons of the solar system. Observational evidence from spacecraft and earth-based sensors of the surfaces, dynamics, structures, and geologic evolution. The Earth-moon system is presented as a basis for comparison.

GLY 1070. Living on the Water Planet (3). This course provides students with an overview of the basic physics and chemistry of water and the processes that control water supply to natural ecosystems and to human civilization. It covers the hydrologic cycle, floods, drought, groundwater, patterns of water use, threats to water quality, and the effects of global climate change on future water supplies, and water issues facing the state of Florida.

GLY 1102. Dinosaurs and Disasters on an Evolving Earth (3). History of the Earth and its organisms as recorded in the fossil and rock record; principles of geological and paleontological research; evolution of the dinosaurs, mass extinctions, and effects of past continental movements on the diversity of life. Course credit may not be received for this course and also GLY 2100. GLY 2100L recommended.

GLY 1892. Environmental Issues in Geology (3). Environmental issues as they relate to geology, such as climate change, which includes both volcanic and earthquake hazards, resource and land-use planning, air and water pollution, waste disposal, glaciation and sea-level change, landslides, flooding, shoreline erosion, and global change issues. Course credit may not be received for this course and also GLY 1000 or 2010C. Credit can be received for taking GLY 1000L or GLY 2010C. Physical Geology (4). For majors in geology and natural sciences. Two (2) hour laboratory required. Introduction to surficial and internal processes affecting a dynamic planet Earth. Course credit may not be received for this course and also GLY 1000 or 1892.

GLY 2022C. Geology for Pre-service and In-service Teachers (4). Introduction to geology with emphasis on adapting techniques, skills, and technologies learned in classes/labs for use in the secondary/elementary classroom. Topics include environmental geology, planetary geology, plate tectonics, earthquakes, volcanism, natural resources, the geology of Florida, plus the evolution of the planet and life on it.

GLY 2100. Historical Geology (3). History of the Earth and introduction to the fossil record. Course credit may not be received for this course and also GLY 1102.

GLY 2100L. Historical Geology Laboratory (1). Prerequisite or Corequisite: GLY 1102 or 2100. Laboratory study of the physical and biological evidence for the known history of the earth.

GLY 3200C. Mineralogy and Crystallography (3). Pre- or Corequisite: chemistry and physical geology. Three (3) hour laboratory required. Introduction to mineralogy, crystal chemistry, and crystallography.

GLY 3220C. Optical Mineralogy (2). Corequisite: GLY 3200C. Three (3) hour laboratory required. The optical properties of crystals and mineral identification by use of the polarizing microscope.

GLY 3310C. Igneous and Metamorphic Petrology (3). Prerequisite: GLY 3200C. Three (3) hour laboratory required. Classification, description, and origin of igneous and metamorphic rocks; relation of these rocks to tectonic processes.

GLY 3340C. Sedimentary Petrography (2). Prerequisite: GLY 3200C. Survey of sedimentary rock types, principles of description and classification, sediment genesis and transport, depositional environments, and origin of sedimentary rocks.

GLY 3400C. Structural Geology (4). Prerequisites: GLY 2100, 2100L, 3200C. Field trip is required. Theory, processes, mechanics of rock deformation and the deformation of the Earth’s crust.

GLY 3610C. Paleontology (4). Prerequisites: GLY 2100, 2100L. Review of invertebrate biology; emphasis on hard-part nomenclature; the occurrence, distribution, evolution, and ecology of fossil invertebrates.

GLY 4240. Principles of Geochemistry (2). Prerequisites: GLY 2010C; basic chemistry. Crystal chemistry of silicates and other minerals; chemical principles applied to igneous, metamorphic, and sedimentary environments and processes; chemistry of natural aqueous systems; chemical equilibria of geologic systems.

GLY 4451. Introduction to Geophysics (3). Prerequisites: MAP 2302; PHY 2049 or consent of instructor. Plate tectonics and earth structure. Current methods of probing the interior: seismology and seismic tomography, geodynamics, geoid and gravity, geomagnetism and gravitation, heat flow, mantle convection, core convection and the geodynamo.

GLY 4511. Principles of Stratigraphy (3). Prerequisite: GLY 3340C. Analysis and synthesis of stratigraphic sequences. Depositional systems; physical and chronostratigraphy; geochronology and geochronology; magnetic, seismic, and sequence stratigraphy; tectonic vs. climatic controls. Term paper required.
Prerequisite: GLY 3200C. Study of modern and ancient sedimentary deposits, measurement of sediment parameters, analysis of sediment transport modes, classification of sediments and sedimentary rocks, statistical reduction of sedimentologic data. Field trip required. Students concentrating in sedimentary geology are urged to take the laboratory GLY 4551L concurrently.

GLY 4551L. Laboratory Methods in Sedimentology (1). Laboratory in standard sedimentologic methods, including textural analysis, heavy mineral separation and identification, carbonate staining, X-ray diffraction, and statistical reduction of sedimentologic data. May be taken separately, but students concentrating in sedimentary geology should take GLY 4551L concurrently with 4551.

GLY 4700C. Geomorphology (3). Prerequisite: Senior standing. An introduction to the description of landforms and landscapes on Earth’s surface. Emphasis is placed on the basic mechanisms that govern landform evolution, and on the history of geomorphic study. Several field trips are required.

GLY 4730. Marine Geology (3). Shoreline, shelf and deep ocean processes; marine sediment types and sedimentary environments; plate tectonics; origin of the ocean; paleoceanography; marine mineral resources. Includes research methods cruise for familiarization with marine geologic sampling and sensing devices. Credit received for GLY 4730 precludes credit being received for GLY 5736 or OGC 5050.

GLY 4750. Geological Field Methods (1). (S/U grade only.) Corequisite: GLY 3400C. Provides a working knowledge and some experience of techniques, procedures, and tools which are essential to geological field research, the professional geologist, and the required summer field course.

GLY 4751C. Introduction to Remote Sensing, Air Photo Interpretation and GIS for the Earth Sciences (3). Prerequisites: GLY 3400C, PHY 2049. Course covers an introduction to the study of the earth using photographic and electronic imaging acquired from aircraft and satellites; physics of the interaction between electromagnetic radiation and materials of earth’s surface and hydrosphere; principles of electronic and microwave imaging; and use of digital image analysis and GIS in the study of earth resources and global change.

GLY 4780. Advanced Field Problems (4). Prerequisites: GLY 2010C, 3200, or 3231. This course emphasizes the use of field-related observations in the study of environmental problems. Fieldwork includes the study of soils, surface waters and groundwater, erosion and mass wasting, and the chemical contamination of soils and surface waters. Evaluation of student performance in the course is based upon a series of written reports.

GLY 4790. Field Course (6). Prerequisites: GLY 3400C, 4750. Series of field problems based largely on exposures of strata and structures. Preparation of geologic maps, sections, and reports. Six weeks in May and June.

GLY 4812C. Ore Deposits (3). Prerequisites: GLY 3310C, 3400C. An introduction to the study of metallic ore deposits. Laboratory studies of ores using the reflected light microscope and economic evaluation of ore deposits.

GLY 4820. Principles of Hydrology (3). Prerequisites: CHM 1046, PHY 2049C. Fundamentals of hydrogeology with an emphasis on groundwater flow and hydrochemistry. Both theory and applications are addressed.

GLY 4884. Environmental Geology I (3). The application of geologic and geochemical principles to environmental issues. Topics include: an evaluation of contaminants in surface water; hydrocarbon geochemistry and petroleum storage tank problems; air quality issues including radon and asbestos; geologic hazards in upland and coastal areas; environmental geologic methods and instrumentation; quality assurance and quality control in environmental analysis; principles of toxicology; risk assessment and risk management; and environmental assessments.

GLY 4905r. Directed Individual Study (3). May be repeated to a maximum of nine (9) semester hours.

GLY 4915r. Undergraduate Research (2–8). (S/U grade only.) Projects in geological science arranged in advance between the student and a member of the teaching faculty of the department. May not be used to fulfill senior elective requirement. May be repeated to a maximum of eight (8) semester hours.

GLY 4917. Senior Thesis (1). (S/U grade only.) Prerequisite: GLY 4915r. A written report and an oral presentation discussing research work done under GLY 4915r. The grade is assigned by a committee of three faculty members.

GLY 4989r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

Graduate Courses
GLY 5020r. Current Topics in Earth Science (3).
GLY 5021r. Current Topics in Earth Science (3).
GLY 5135. Quaternary Geology (3).
GLY 5230C. X-Ray Crystallography (3).
GLY 5261. Geochronology (2).
GLY 5265. Nuclear Geology (3).
GLY 5267. Stable Isotopic Tracers in the Environment (3).
GLY 5295r. Advanced Topics in Nuclear Geology (1–3).

GLY 5298. Advanced Topics in Geochemistry (1–3).
GLY 5321C. Igneous Petrology (4).
GLY 5346. Sedimentary Petrology (3).
GLY 5395r. Advanced Topics in Petrology (1–3).
GLY 5425. Tectonics (3).
GLY 5435. Advanced Structural Geology (3).
GLY 5455. Introduction to Geophysics (3).
GLY 5465. Geomechanics (3).
GLY 5495. Advanced Topics in Geophysics (3).
GLY 5497r. Advanced Topics in Structural Geology (1–3).
GLY 5516. Stratigraphy and Sequence Analysis (3).
GLY 5556. Hydrodynamics (3).
GLY 5573. Fluvial Processes (3).
GLY 5575. Coastal Geology (3).
GLY 5576. Stratigraphy and Sediments of Transitional Marine Environments (3).
GLY 5577. Sedimentary Basin Analysis (3).
GLY 5624C. Introduction to Micropaleontology (3).
GLY 5625C. Advanced Micropaleontology (3).
GLY 5695r. Advanced Topics in Paleontology (1–3).
GLY 5696C. Mesozoic Planktonic Calcareous Nannofossils (4–8).
GLY 5697C. Cenozoic Planktonic Calcareous Nannofossils (4–8).
GLY 5735. Nearshore Marine Geology (2).
GLY 5736. Marine Geology (3).
GLY 5756. Advanced Field Methods (1).
GLY 5757C. Fundamentals of Remote Sensing, Air Photo Interpretation and GIS for the Earth Sciences (4).
GLY 5825. Physical Hydrology (3).
GLY 5827. Principles of Hydrology (3).
GLY 5828. Chemical Hydrology (3).
GLY 5845. Subsurface Geology (3).
GLY 5868r. Advanced Topics in Sedimentation and Stratigraphy (1–3).
GLY 5885. Geologic Hazards Assessment (3).
GLY 5887. Environmental Geology I (3).
GLY 5896r. Advanced Topics in Hydrology (1–3).
GLY 5906r. Directed Individual Study (3). (S/U grade only.)
GLY 5910r. Supervised Research (1–5). (S/U grade only.)
GLY 5931r. Graduate Seminar (1). (S/U grade only.)
GLY 5940r. Supervised Teaching (1–5). (S/U grade only.)
GLY 6982r. Doctoral Seminar (1). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

GEOPHYSICAL FLUID DYNAMICS: see Graduate Bulletin

GERMAN: see Modern Languages and Linguistics

GERONTOLOGY: see Aging and Public Policy, The Pepper Institute on GREEK: see Classics

GROWTH MANAGEMENT AND COMPREHENSIVE PLANNING: see Urban and Regional Planning

HEALTH EDUCATION: see Middle and Secondary Education

PEPPER INSTITUTE ON AGING AND PUBLIC POLICY

The Pepper Institute on Aging and Public Policy has a multidisciplinary focus and plays a coordinating and facilitative role for the work of all academic units with interests in aging and social policy. The Institute offers a twelve (12) semester hour Certificate in Aging Studies that may be completed by undergraduate or graduate students as part of their regular course of study. The program promotes several courses in health care policy, adult development and aging, and health care delivery systems.
The institute also offers an undergraduate minor in Aging Studies. The resources of the institute are used to support individual or collaborative research initiatives by providing technical assistance or a location for conducting research. The institute facilitates and disseminates research information; provides opportunities for training and study; and sponsors conferences, public lectures, workshops, and symposia to promote the discussion of issues germane to the aging process and to share information with policy makers, professionals, and the community about the elderly and aging issues. Through the College of Social Sciences, the institute also offers a Master’s Degree in Aging Studies.

Department of Communication Disorders

The Department of Communication Disorders has a major in communication sciences and disorders and offers bachelor’s, master’s, and doctoral degrees. The scope of the department includes the whole of human communication, both normal and disordered. Students learn the total processes of communication, develop analytical and communicative skills, and obtain experience in evaluation, treatment, and research. For information contact commdis.info@comm.fsu.edu or (850) 644-2253.

The Department of Communication Disorders administers the Interdepartmental Certificate Program in Developmental Disabilities. The purpose of this program is to provide upper-division undergraduate students from a variety of disciplines with knowledge regarding etiology, assessment, treatment, and policy issues related to individuals with developmental disabilities and their families. Students seeking certification must complete nine (9) semester hours of coursework and three (3) semester hours of practicum from an approved list of courses and practica. More than forty courses are available in the following disciplines: Art Education; Communication Disorders; Family and Child Sciences; Middle and Secondary Education; Music Education/Therapy; Nursing; Nutrition, Food and Exercise Sciences; Physical Education; Psychology; Social Work; and Special Education. For information, contact Linda Gessler at lgessner@fsu.edu or (850) 644-9141.

Health Education Program

The health education program includes teacher certification or community health education and leads to either a bachelor of science (BS) or a master of science (MS) degree. This program is designed to prepare health educators to assist individuals in achieving an optimal level of health, to prevent disease and debilitating conditions from occurring, and to minimize the impact of such diseases and conditions upon individuals who have been affected. With a degree in health education, an individual may choose from such practice settings as the school system, business and industry, community agencies, and governmental and tax-supported agencies, as well as the medical care systems.

Interdisciplinary Social/Health Sciences

The College of Social Science offers an interdisciplinary Master’s degree: the Master’s of Public Health (MPH). MPH graduates are trained principally as health policy analysts. They obtain a rich background in epidemiology, health economics, health behavior, health administration, health policy and policy analysis, and statistical and qualitative analytical skills. The skills and knowledge gained may lead to careers in government agencies, legislative staff positions, health care provider organizations, consulting firms, think tanks, advocacy organizations and lobbying firms, international organizations focused on health and population issues, and academic or media positions.

For further information, please contact the Interdisciplinary Studies Center in the College of Social Sciences, 211 BEL, (850) 644-4418, or see http://www.coss.fsu.edu/academics/health.shtml.

School of Nursing

The School of Nursing offers a bachelor’s and a master’s degree program. The mission of the School of Nursing is to develop professional leaders in nursing for practice in diverse settings. A separate RN/BSN completion program, leading to a baccalaureate degree or directly into the master’s program, is available on campus or on-line. Information regarding undergraduate programs is available from the advising office at (850) 644-3296. Graduates of the baccalaureate program are prepared for beginning levels of professional practice in a variety of settings. Graduates of the master’s program are prepared for advanced professional positions in nursing education, nursing case management, or a blended role of clinical nurse specialist and nurse practitioner. All programs build on a foundation of family and community and prepare the graduate to function effectively and efficiently in the changing healthcare arena.

The student completing a thesis receives a master of science in nursing degree. Students not desiring to continue their education may elect a non-thesis option, leading to a master’s in nursing degree. For specific information about each role specialty, contact the graduate office program at (850) 644-5638.

Department of Nutrition, Food and Exercise Sciences

The Department of Nutrition, Food and Exercise Sciences provides students with a solid foundation in the scientific aspects of nutrition, foods and health-related physical fitness through its bachelor, master’s, and doctoral programs. Students are provided with in-depth study of the role that nutrition and physical activity play both in health and, in particular, the prevention of chronic disease. Any of the majors in the department may be used as pre-medical programs with inclusion of specific electives. For more information concerning pre-medical programs, contact the College of Medicine Pre-Health Professions Advising Office at medinformation@med.fsu.edu or at (850) 644-5638.

To meet the growing demand for health-related practitioners, the department offers a major in exercise science. These students combine their study of nutrient metabolism, chemistry and physiology with courses in exercise physiology and health taught by the department faculty.

The dietetics major, particularly if it is followed-up by an accredited dietetic internship, prepares students to apply their expertise in nutrition science and food service management in a variety of employment settings such as hospitals, HMO’s, sports nutrition and corporate wellness programs, business and industry, public health, education, research and private practice.

The Athletic Training/Sports Medicine program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The athletic trainer’s professional preparation is directed toward the development of specified competencies in the following domains: risk management and injury prevention; pathology of injuries and illnesses; assessment and evaluation; acute care of injury and illness; pharmacology; therapeutic modalities; therapeutic exercise; general medical conditions and disabilities; nutritional aspects of injury and illness; psychosocial intervention and referral; health care administration; professional development and responsibilities. Through a combination of formal classroom instruction and clinical experience, the athletic trainer is prepared to apply a wide variety of specific health care skills and knowledge within each of the domains.

Students at the master’s level may elect the thesis or non-thesis option in one of six areas of emphasis: nutrition science, food science, clinical nutrition, nutrition education/health promotion, sports nutrition, or exercise physiology. Four areas of specialization exist at the doctoral level: exercise physiology, food science, nutrition, and neuroscience. Doctoral graduates continue to be recruited for traditional University teaching and research positions and many in the food sciences are hired by industry to research and develop new food products.

College of Social Work

The BSW Program is designed to prepare professional social workers for generalist practice with individuals, families, groups, and communities. This versatile and nationally accredited degree enables our graduates to work with diverse population groups in a wide variety of settings. The academic design includes both classroom and field instruction.

Social workers are employed in mental health centers, schools, hospitals, home health agencies, runaway shelters, protective services, teen pregnancy programs, battered women’s shelters, correctional facilities, family and children’s agencies, private and public organizations, hospices, medical clinics, nursing homes, psychiatric facilities, veterans and military programs.

Opportunities are also available to expand electronic technology skills for use with clients, participate in ongoing research projects, and become involved in community service. All of the programs are fully connected with the Internet, and both instructors and students use these resources regularly during class sessions.
Department of Sport Management, Recreation Management and Physical Education

The Department of Sport Management, Recreation Management and Physical Education offers bachelor, master’s, specialist’s and doctoral degree programs in physical education, and bachelor and master’s degree programs in recreation and leisure services administration.

HEALTH SERVICES ADMINISTRATION AND POLICY:
see Graduate Bulletin

HEBREW:
see Religion

HIGHER EDUCATION:
see Educational Leadership and Policy Studies

At least eighteen (18) of the thirty-three (33) required semester hours must be earned at The Florida State University. All graduating seniors must complete exit questionnaires as part of the degree.

Minor Requirement for History Majors

A minor of twelve (12) semester hours beyond liberal studies requirements in an approved departmental field or fifteen (15) semester hours in an interdepartmental area is required. Individual departments and interdepartmental areas may impose additional requirements. The student should consult the appropriate departmental chapter of this General Bulletin to see if the department has further requirements.

The student may not count toward the major or minor any course in which a grade below “C–” is received. A minimum GPA of 2.0 within both the major and minor is required.

Double Majors

Students pursuing a double major must meet the program requirements of both majors, with the following exceptions: 1) No more than six (6) semester hours may be overlapped (i.e., counted toward both majors); and 2) No minors are required for the double major.

Test Credit Toward the Major (AP, CLEP, IB)

A student who has earned test credit in American history must not take either AMH 2010 or 2020. A student who has earned test credit in European history must not take EUH 2000, WOH 1023, or WOH 1030. Students with three (3) semester hours of test credit in an area will be required to complete the resulting three (3) semester hour shortfall per area toward the major. For information regarding the fulfillment of this policy, please contact the history department adviser.

Hons in the Major

Honors work in the major is offered to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin, and the associate chairman for undergraduate studies in history.

Certification in Social Science Education with History Concentration

All undergraduates interested in certification in social science education should take the core courses as part of their liberal studies requirements; therefore, they are urged to consult an adviser in the College of Education as early as possible. Students seeking certification must also apply for admission to teacher education. Application forms are obtained from the College of Education’s office of student services. A student should have and maintain a 2.75 overall GPA in all courses to be eligible.

Requirements for a Minor in History

Twelve (12) semester hours beyond liberal studies requirements in history courses numbered above 2999 are required. A grade of “C–” or better must be earned in each course counted toward the minor. At least six (6) of the twelve (12) semester hours must be earned at The Florida State University. Directed individual studies, tutorials, and test credit may not be counted toward the minor.

Computer Literacy Requirement

The major will use any of the following courses to satisfy this requirement: CGS 2060, CGS 2064, CGS 2100, EME 2040.

ACADEMIC PROGRAMS

Department of HISTORY

COLLEGE OF ARTS AND SCIENCES

Chair: Neil Jumonville; Associate Chair (Graduate Studies): Green; Associate Chair (Undergraduate Studies): Strait; Professors: Anderson, Gellately, Green, J. Jones, M. Jones, Jumonville, Oldson, Singh, Wynot; Associate Professors: Friedman, Garretson, Grant, Gray, Hadden, Herrera, McMahon, Sinke, Stoltzfus, Strait; Assistant Professors: Childs, Creswell, Davis, Koschnik, Koslow, Schmidt; Professors Emeriti: Bartlett, Betten, Bryant, Conmer, Horward, Keuchel, Moore, Richardson, Ripley, Rogers, Rubanowice, Turner

History is a liberal discipline that enables students to put their lives in the contemporary world in a broad and meaningful context. It encompasses all aspects of human development chronologically, from ancient times to the present, and topically, in all areas of human interest.

An undergraduate degree in history prepares a student for vocations that require skills in critical thinking and ability in written and oral expression. Combined with certification requirements for social sciences, it can lead to a teaching career in middle or high school. It is an excellent preparation for graduate school or law school and is also desirable for those seeking positions in government or business who require a broad, liberal education rather than technical training.

The department participates in the undergraduate programs in American and Florida studies, Asian studies, humanities, international affairs, Latin American and Caribbean studies, Russian and East European studies, and in the honors in the major program.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. Two introductory courses (six [6] semester hours) in history with an AMH, ASH, EUH, HIS, LAH, or WOH prefix.

Requirements for a Major in History

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Major

Thirty-three (33) semester hours, including WOH 1023, 1030; AMH 2010, 2020 (for the application of test credit to the major, see below); and a minimum of twenty-one (21) additional semester hours in history (above 2999) distributed as follows:

1. Six (6) semester hours of American history;
2. Six (6) semester hours of European history;
3. Six (6) semester hours of Latin American, Asian, African, or Russian history; and,
4. Three (3) semester hours of HIS 4935, Senior Seminar

Note: Senior seminar is not offered during the summer terms. Directed individual studies and tutorials may not be counted toward the major.

ACADEMIC PROGRAMS
Definition of Prefixes

AFH — African History
AMH — American History
ASH — Asian History
CLA — Classical and Ancient Studies
EUEH — European History
HIS — General History and Historiography
LAH — Latin American History
WOH — World History

Undergraduate Courses

Note: History majors must take the sequence of either WOH 1023—1030 or EUEH 2000—WOH 1023 (unless they have test credit in European or world history, or transfer credit equivalent to these courses). Similarly, history majors must take the sequence of AMH 2010—AMH 2020 (unless they have examination credit in any U.S. history, or transfer credit equivalent to these courses.) No other history courses below the 3000-level will count toward the history major.

Liberal Studies Area III Courses

Note: In order to fulfill the liberal studies requirement in history, a student must complete a minimum of three (3) semester hours from this list: AMH 1091, AMH 2010, AMH 2020, AMH 2095, AMH 2096, AMH 2097; ASH 1044, ASH 3100; EUEH 2000; LAH 1093; WOH 1023, WOH 1030. Each of the courses in the history liberal studies area shall include a substantial writing component, defined as 3,000 words per course.

AMH 1091. The African American Experience in the United States (3). This course examines the social, economic, and political struggles of African Americans from the Middle Ages to 1815. Emphasis is on the historical and cultural background of the major problems facing the Middle East today.

AMH 2010. A History of the United States (3). A survey of United States history with emphasis on social, economic, and political issues up through the Civil War. May not be taken by students with test credit in American history.

AMH 2020. A History of the United States (3). A survey of the United States from the Civil War to the present with emphasis on social, economic, and political problems of the 20th century. May not be taken by students with test credit in American history.

AMH 2095. The American Indians and the United States (3). Course surveys American Indian relations with the people and the government of the United States, beginning in the 1760s and continuing to the present. Emphasizes the Indians' diplomatic and military struggles, their efforts to retain their lands and maintain some level of self-determination and cultural integrity. Students will also be exposed to the Indian perspective on familiar historical events such as the Civil War, the New Deal, and the 1960s. Course will not count as credit toward the history major.

AMH 2096. Black Women in America (3). This course will examine (using both a chronological and a thematic approach) the unique experience of the African-American woman in the United States and the role that black women have played in shaping this nation's history. Course will count as credit toward the history major.

AMH 2097. Nationality, Race, and Ethnicity in the United States (3). The history of immigration to the United States. Includes the evolution of ethnic cultures and the role of race, acculturation and assimilation, and the conflict from colonial times to the present. Course will not count as credit toward the history major.

ASH 1044. Middle Eastern History and Civilization (3). This is an introductory course on Middle Eastern history and culture with a considerable emphasis on the impact of religion: Christianity, Judaism, and Islam. The primary emphasis of the course will be to understand the historical and cultural background of the major problems facing the Middle East today. Course will not count as credit toward the major.

ASH 3100. History of Asia (3). This course is an introduction to political, cultural, and economic Asian history from antiquity to the present. It places special emphasis not only on the study of important Asian kings and leaders but also on the various religions which originated in Asia.

UHE 2000. Ancient and Medieval Civilizations (3). This course provides a survey of Western traditions from the beginning through the end of the Middle Ages. Emphasis is on patterns of thinking and on those institutions most distinctive for the Western tradition. Students who have previous college credit in Western civilization courses covering the same general chronological period cannot receive credit for UHE 2000. May not be taken by students with test credit in European history.

LAH 1093. Latin America: A Cross-Cultural History (3). A cross-cultural history of Latin America focusing on women, Native Americans, African-Americans, mestizos, and mulattoes in historical context. Course will not count as credit toward the history major.

WOH 1023. The Modern World to 1815 (3). This liberal studies course deals with the origins and development of political, economic, social, and intellectual antecedents of the modern world from the end of the Middle Ages to 1815. Students who have previous college credit in Western civilization courses covering the same general chronological period cannot receive credit for WOH 1023. May not be taken by students with test credit in European history.

AFH 1000. African History and Civilization (3). This is an introductory course for African history and civilization. It covers broad sweep of African history and culture. The primary emphasis will be to understand the background to some of Africa's major problems and possibilities today. Course will not count as credit toward the history major.

AFH 2451. Sub-Saharan Africa Since 1800 (3). A history of Sub-Saharan Africa since 1800 is introduced to provide an understanding of the background and problems of some of the African states today.

AFH 4302. North African History: A Survey (3). This course will concentrate on the modern history of North Africa including: Maghreb, Morocco, Algeria, Tunisia, Libya, Egypt, Sudan, Ethiopia, and Somalia. It is intended to provide an understanding of the background and problems of North African states today.

American History

AMH 2043. Civil War in the American Mind (3). An exploration of myth, image and rhetoric of the Civil War as they have appeared in American culture since 1865. Course will not count as credit toward the history major.

AMH 2044. American Biography (3). An exploration of issues in American history from the lives and works of men and women who dealt with aspects of those issues firsthand. The biographical figures vary from semester to semester. May be repeated to a maximum of six (6) semester hours with instructor's permission. Course will not count as credit toward the history major.

AMH 3130. Social History of the United States (3). An analysis of the day-to-day lives of American people. Topics treated will include morals, manners, religion, family, social class, health, and occupations.

AMH 3319. The Evolution of Law, Crime, and Justice in American Society, to 1786 (3). An introduction to the social and legal developments in the fields of law and criminology, from the colonial era through Reconstruction. The course focuses upon social problems, criminal behavior, punishments, changing definitions of citizenship, and the Constitution.

AMH 3351. U.S. Political History to 1877 (3). Begins with the colonial and revolutionary background of U.S. politics. The bulk of the course studies U.S. political parties and elections from the 1790s to 1877. Special emphasis is placed on the presidency and on the groups and movements that have influenced political parties.

AMH 3352. U.S. Political History from 1877 to the Present (3). Studies U.S. political parties and elections from the end of Reconstruction to the present. Special emphasis is placed on the presidency and on the groups and issues that have influenced political parties. AMH 3351 is not a prerequisite for 3352.

AMH 3370. Economic History of the United States (3). A survey of American economic history from the early colonial beginnings to the present. The course analyzes the role of economic issues and events and its features in American history. It proceeds chronologically, is broken into sections, and major attention is directed to the 20th century.

AMH 3373. U.S. Business History (3). This historical survey of American business from colonial times to the present includes manufacturing, industrial development, agribusiness, organized labor, finance, management approaches, and the evolution of business ethics.

AMH 3444. History of the Trans-Mississippi American West (3). This course covers the history of the Trans-Mississippi West during the 19th century. Students are expected to develop an understanding of this area as a geographical region and its role in American history beginning with the early 19th century explorations and culminating with the symbolic "closing of the frontier" of the 1890s.

AMH 3470. The Evolution of Organized Crime (3). Course discusses the evolution of organized crime in the United States, the social and legal factors that contributed to its development, and the ethnic groups involved.

AMH 3482. Evolution of Law, Crime, and Justice in American Society: 1865 to the Present (3). This course serves as an intermediate level survey of the social and political developments in the fields of crime and law from the end of the Civil War to the present. Its focus is on the changing definitions of criminal behavior, regional patterns of crime, the changing nature of discrimination and citizenship, and the development of the modern police force.

AMH 3500. Labor History of the United States (3). The social history of American workers, the labor movement, labor strikes and violence, and working class politics from colonial times to the present.

AMH 3540. Military History of the United States (3). A survey of both the military experiences and issues in American history. The course analyzes war, its economic issues, technological developments, politics, and other factors that have influenced the military aspects of American history.

AMH 3544. The United States and Vietnam, 1941–1975 (3). Course examines the involvement of the United States in Vietnam from World War II through the fall of Saigon in 1975 and considers the legacy of this experience for American foreign relations and society.

AMH 4110. Colonial America to 1763 (3). A study and comparison of the founding and development of the English colonies in North America.

AMH 4130. Revolutionary America, 1760-1788 (3). Course examines the political, social and economic history of British America from the end of the Seven Years War to the ratification of the U.S. Constitution. Special emphasis will be given to the origins, course and aftermath of the English rebellion that became the American Revolution and led to the founding of the U.S. The course considers the fundamental causes of the Revolution and the many ways—some intended by the founders but many not—in which the former colonies were transformed by the experience.

AMH 4140. Thomas Jefferson's America (3). Examines the political and cultural history of the United States from the first presidential election through the “Era of Good Feelings.” In 1789, the leaders of the new government faced a difficult and confusing task: they needed to build working political institutions out of the Constitution's vague instructions and at the same time create a stable, unified nation out of a divided and scattered collection of societies and peoples. The events of this period determined what type of nation the United States would become. Considerable attention will be devoted to Thomas Jefferson himself, as a figure who both shaped and represented his era.

AMH 4160. Andrew Jackson's America (3). Examines American politics, society and culture in the 1820s, 30s, and 40s. During these decades, the young republic experienced astonishing
economic and geographic growth as its government became explicitly democratic for the first time. In the process, many older ways of life and inconvenient peoples were destroyed or shunted aside. The new-developed Native American (and Mexican) lands and industrial capitalism enveloped the countryside. The course will focus on the turmoil that resulted from these changes, as well as on the era's remarkable achievements. Considerable attention will be devoted to Andrew Jackson himself, as a figure who both shaped and represented his era.

AMH 4172. The Civil War Era (3). In-depth study of the 20 years from 1845 to 1865. Emphasis will be placed on the coming of the Civil War, the secession crisis, and on both the military and nonmilitary sides of the war years.

AMH 4173. Post–Civil War America, 1865–1890 (3). Analysis of post–Civil War America with emphasis on the Black role in American society and the attempt to heal the wounds of the Civil War. Other topics include the rise of big business, labor unions, and the last frontier.

AMH 4220. U.S. Progressive Era, 1890–1920 (3). This course will include a study of the development of urban society and foreign policy, the evolution of American thought, and the paradoxical path of reform in urbanized, industrial America. It will devote special attention to the nation's effort to accommodate old values with the new realities.

AMH 4221. The United States, 1920–1945: Prosperity, Depression, and World War II (3). A general course on American history from 1920 through 1945; i.e., a study of political, economic, diplomatic, military, social, and cultural/intellectual developments during that period.

AMH 4270. The United States Since 1945 (3). This course focuses on the political and cultural issues faced by the United States during the period of the Cold War (1945 to 1988). Special attention is given to postwar affluence, suburban America, the mass society, the movement from isolationism to interventionism, McCarthyism, the civil rights movement, social conflict in the 1960s, and war complaints.

AMH 4271. America in the 1960s (3). Examines selective aspects of the era known as “the sixties.” Spanning two decades, it starts in 1954 with the decision to integrate America’s schools as a flash point for the civil rights struggle, and it concludes in 1974 with Richard Nixon’s resignation as President of the United States. During those years, America experienced increased pace and accelerated change, civil rights, black power, the war in Vietnam, radical politics, and the counter culture divided the country so passionately that at times it appeared as though the nation was on the verge of complete collapse.

AMH 4331. U.S. Intellectual History I: Beginning to 1880 (3). An interdisciplinary study of American thought from the Puritans to the late 19th century, asking, among other questions, what mission America assigned to itself. Among the ideas examined will be Puritanism, the Revolutionary ideology, federalism, the American Enlightenment, romanticism, individualism, and manifest destiny.

AMH 4332. U.S. Intellectual History II: 1880 to the Present (3). An interdisciplinary study of the impact on American thought of social Darwinism, industrialism, naturalism, the culture of consumption, radicalism, anticomunism, postindustrialism, and affluence. Examines the growth of cultural criticism as a task required of the 20th-century intellectual.

AMH 4402. The Old South (3). A study of the social and economic development of the Southern states from settlement by Europeans to the end of the Civil War with emphasis on the lives of the people, the economy and the curriculum of the period.

AMH 4403. The South Since 1865 (3). This course views the South both as a distinct region and as an area gradually coming back into “regular” American life after the Civil War. The unique problems of adjusting to defeat, the revolution in the labor system, and troubled race relations are considered.

AMH 4423. History of Florida from 1821 to the Present (3). A history of Florida from the period of its acquisition from Spain in 1821 until the present. The various “periods” in the state’s past are discussed with major attention given to the period 1920 to the present—the period of the greatest growth.

AMH 4441. History of the Frontier to 1865 (3). This course examines the Westward Movement from 1763 until 1865. Social, political, economic, and military aspects of the frontier experience, and the significance of the frontier in American history, are examined.

AMH 4443. History of the South Since 1865 (3). This course examines the development of American cities and the attempts to deal with changing urban problems from 1879 to the present.

AMH 4510. United States Foreign Relations to 1900 (3). This course examines the ideas, forces, and institutions which shaped American foreign policy in the era when America evolved from a colonial state in the mid-19th century, to a modern state in the mid-19th century, through its defeat in World War II, to its current position as a leading economic power. Focus is on political and social evolution, empire building, postwar reconstruction, and U.S.-Japan relations.

AMH 4542. U.S. Immigration History (3). A study of the immigration experience from 1900 to the present. Some portions of the course are topical, cutting across chronological divisions, there will be attention to postwar affluence, suburban America, the mass society, the movement from isolationism to interventionism, McCarthyism, the civil rights movement, social conflict in the 1960s, and war complaints.

AMH 4571. Black America to 1877 (3). This course covers the history of both the U.S. and its black population from the 16th century to the Civil War. The course is not primarily about American history but is an examination of African-American history. Topics include the establishment of slavery, the development of slavery as an economic institution, the rise of the Cotton Kingdom and the causes of secession.

AMH 4580. Women in Modern America (3). This course examines the experiences and contributions of women in 20th-century America, with particular attention to the forces that served to differentiate the opportunities and roles of women from those of their male peers.

AMH 4565. Colonial and Revolutionary Era American Women’s History (3). Course explores the lives of Native American, African and European women before they came into contact in America, how that contact altered their patterns of behavior, and how major events in American history affected women’s lives.

AMH 4571. Black America to 1877 (3). This course begins with the African background of Black Americans and ends with the final curtailment of Reconstruction in 1877. Although some portions of the course are topical, cutting across chronological divisions, there will be attention to postwar affluence, suburban America, the mass society, the movement from isolationism to interventionism, McCarthyism, the civil rights movement, social conflict in the 1960s, and war complaints.

AMH 4572. Black America Since 1877 (3). This course traces the social, economic, cultural, and political activities of African-Americans from Reconstruction through the Civil Rights Era and the civil rights movement.

AMH 4630. North American Environmental History (3). This course introduces the changing relationships between human beings and the natural world in America through time. It investigates the relationship between American ideals and historical transformations. It uses humor to explore the connections and tensions between the various parts of the American mind.

Asian History

ASH 3230r. Middle East Survey: An Interdisciplinary and Introductory Course (3). This course introduces majors in an interdisciplinary fashion to Middle Eastern Studies with the emphasis on the relationship of Islam to the history, civilization, culture and religion of the Middle East. The course covers the broad sweep of Middle Eastern history and culture and includes language, religion, urban and regional planning, and the contemporary Middle East. May be repeated for a maximum of six (6) semester hours.

ASH 4221. Modern Middle East (3). An examination of modern Middle Eastern history, focusing on the origins of recent problems in the imperialistic era, the clash of political and cultural traditions, national rivalries, the impact of OPEC, the Palestinians, and the Iranian Revolution.

ASH 4261. Central Asia Since the Mongols (3). This course covers Central Asian history through the medieval and modern periods, with special emphasis on the political and ethnic histories of the Central Asian peoples.

ASH 4402. China to 1898 (3). A study of China from Han through the Hundred Days’ Reform of 1898.

ASH 4404. China Since 1898 (3). A study of China from the Boxer Uprising through the Kuomintang and Communist Revolutions.

ASH 4442. History of Modern Japan (3). An introduction to the history of Japan from its origins as a tribal society to the modern state in the mid-19th century, through its defeat in World War II, to its current position as a leading economic power. Focus is on political and social evolution, empire building, postwar reconstruction, and S.-Japan relations.

ASH 4520. Traditional India (3). This course deals with the history of India from antiquity to the 17th century. It puts special emphasis not only on the study of Indian religions such as Hinduism, Buddhism, Jainism, and Sikhism, but also on the roles played by various important ancient and medieval kings.

ASH 4540. Modern India (3). This course is an introduction to the history of India from the 15th century to the present. It deals in depth with the impact of British rule on India and the lives of modern South Asian leaders like Gandhi, Nehru, and Jinnah.

Classical History

Note: The following history courses are offered through the Department of Classical Languages, Literature, and Civilization.


CLA 4457r. Studies in Greek History (3). Study of specified periods of Greek history, whether archaic, classical, or Hellenistic. May be repeated to a maximum of six (6) semester hours.

CLA 4480r. Studies in Roman History (3). Study of specified periods of Roman history in the Republic or Empire. May be repeated to a maximum of six (6) semester hours.

CLA 4480. Roman Law (3). A survey of the principles and procedures of Roman law.

EUAH 3401. Classical Athens and Sparta (3). History of Greece from the beginning to Alexander the Great. Emphasis on the social and political structures of Sparta and Athens.

EUAH 4008. The Age of Alexander the Great (3). Study of the Greek world from the death of Socrates (399 B.C.) to the Roman conquest (146 B.C.). The sack of Corinth by Mummius.

EUAH 4412. The Roman Republic (3). Study of the history of Rome from its foundation (traditionally 753 B.C.) to the fall of the Roman Republic (31 B.C.), The Battle of Actium.

EUAH 4413. The Roman Empire (3). The Roman Empire from the Augustus to Constantine. Emphasis on the evolution from the principate of the early empire to the monarchy of the late empire.

European History

EUAH 2035. Hitler and Stalin: Their Era and Legacies (3). Prerequisite: Three (3) hours of course credit. Examines the dictatorships of Hitler and Stalin in terms of their political, social and cultural dimensions and the legacies beyond World War II. Course will not count as credit toward the history major.

EUAH 2035. 19th-Century Europe: A Survey (3). European history from the close of the Napoleonic Wars to the turn of the century, a period in which Europe was at the height of its wealth and power. Particular emphasis will be paid to the major powers.
EUH 3501. The Making of Modern England (3). A rapid survey of English history from Anglo-Saxon times to 1783. The lectures will emphasize the constitutional and legal aspects of English history, while the readings will cover broadly cultural and social aspects as well.

EUH 3510. Modern Germany (3). This course will cover the history of Germany from 1815 to the present. Attention is primarily directed to the origins of the German national state; the political, economic, and cultural background of Nazi Germany; and the development of the two rival states in the post–World War II era.

EUH 3551. Modern Poland (3). This course will examine the social, economic, and cultural as well as political development of the Polish nation in the 19th and 20th centuries. Although particular attention will be given on internal history, appropriate attention will focus on Poland’s role in international relations.

EUH 3553. History of Ireland (3). Surveys the history of Ireland from prehistory and the Celtic–Gaelic settlement to the present. Examines the waves of settlers who came to the island since the Celts, and the problem of defining the Irish (i.e., the roles of religion and ethnicity) and the influence upon Ireland of its neighbors in both the Mediterranean and the North Atlantic.

EUH 3530. Latin America’s largest and most populous nation is the present. Wherever possible, attempts will be made to present issues within a comparative framework.

EUH 3565. Modern Italy (3). Traces the development of Italy from the Enlightenment to the present. Discussions will concentrate on the major social, political, and intellectual currents, centering on the unification movement, the crisis of the Liberal State, and Fascism.

EUH 4341. Latin American History (3). This course details the background and the career of the Hispanic as well as the continuing problem of “Hispanic denial.” Special emphasis is given to the ideas of such racists as de Gobineau and Hitler.

EUH 4025. The Crusades (3). This course will provide a historical understanding of the material and spiritual basis for the reentry of Western Christendom into the Mediterranean world; the ways in which Crusaders organized, financed, and participated in Crusades and the impact this had on European institutions and thought; the interrelations of Christians (East and West) and the Muslim world in the period of the Crusades.

EUH 3429. Renaissance (3). A study of the character of medieval Italian life and the way in which Castiglione’s ideals were manifested in the Italian courts of the time.

EUH 4140. Rise of Nationalism (3). This course analyzes the European struggle toward democracy and nationalism from the collapse of Napoleon to the establishment of the German Empire, emphasizing the development of liberalism, nationalism, communism, etc.

EUH 4241. The Holocaust in Historical Perspective (3). This course details the background and the career of the Holocaust as well as the continuing problem of “Holocaust denial.” Special emphasis is given to the ideas of such racists as de Gobineau and Hitler.

EUH 4242. World War I: Europe, 1900–1918 (3). This course will cover European history in the period 1900–1918 with a review of the domestic situation and foreign policy of the major Central and Allied Powers. It will also analyze the origins of the war by looking at the factors leading to the war, how and why the war was fought as it was, and the experience of the major powers on the home front.

EUH 4243. Europe, 1870–1900: The Age of European Hegemony (3). This course will examine the period when the European states were at the apogee of their power and will concentrate on the domestic and foreign policy of the major continental powers, as well as special emphasis on Bismarckian diplomacy and the imperial rivalries in the Balkans and overseas.

EUH 4244. Fascism (3). This course deals with the organization, leaders, ideology, and governments of Fascist movements between 1919 and the end of World War II. The focus will be a comparative examination of Mussolini’s Fascist dictatorship in Italy and Hitler’s Nazi regime in Germany.

EUH 4282. European Union of Cold War and Detente (3). Deals with the post–World War II era in Europe, tracing occupation policies, the division of Europe East and West, the development of the major European states, and the efforts to arrive at detente in response to East-West tensions.

EUH 4460. Latin American Intellectual History, 1800 to Present (3). This course provides a survey of European history from c. 1150 to c. 1500, from the height of medieval civilization in Europe through the crises of the late Middle Ages to the recovery leading to a new age.

EUH 4141. Industrialization, the Modern Mind, and Empire (3). An examination of the history of Russia from 1801 to the beginning of the 20th century, with emphasis on foreign relations and the development of the political and social conflicts that resulted in the revolutions of 1917.

EUH 4250. War and the Nation State (3). This course will examine the social, economic, cultural, and political, as well as political, development of Russia from the final years of Tsarist rule through the Bolshevik Revolution to its emergence as one of the world’s superpowers in the 1990s.


LAH 3411. Latin History of Mexico, Central America, and the Caribbean (3). Covers the history of Mexico, Central America, and the Caribbean nations of Cuba, Dominican Republic, Haiti, and Puerto Rico from the Indian civilizations of the remote past to the social conflicts of the present.

LAH 3460. European History of England from Anglo-Saxon times to 1783. The lectures will emphasize the constitutional and legal aspects of English history, while the readings will cover broadly cultural and social aspects as well.

LAH 3456. History of Panama Since 1940 (3). Covers the history of Panama from 1940 to the present. Emphasizes the impact of WWII, politics, social change and democracy in Panama.

LAH 3550. History of South America (3). An introductory survey from the Incas Civilization to the present. Chile, Peru, Argentina, etc. Emphasis is placed on the contrasts and conflicts between Indian and European culture and on basic social, economic, and political evolution. The persistence of “underdeveloped” and poverty are also explored.

LAH 3754. Latin American History Through Film (3). Introduction to Latin American history through the analysis of how Latin Americans of the 19th and 20th centuries are portrayed in international and national cinema. Integration of television and literature to illustrate the impact of mass media on Latin Americans.

LAH 4544. Sex and Class in England, 1750–1914 (3). This course details the background and the career of the Holocaust as well as the continuing problem of “Holocaust denial.” Special emphasis is given to the ideas of such racists as de Gobineau and Hitler.

LAH 4576. 20th-Century Russia (3). This course examines the phenomenon of war in its broader social-political-economic context from a historical and comparative perspective.

LAH 4574. 19th-Century Russia (3). An examination of the history of Russia from 1801 to the beginning of the 20th century, with emphasis on foreign relations and the development of the political and social conflicts that resulted in the revolutions of 1917.

LAH 4573. 20th-Century Russia (3). This course examines the social, economic, cultural, and political, as well as political, development of Russia from the final years of Tsarist rule through the Bolshevik Revolution to its emergence as one of the world’s superpowers in the 1990s.

LAH 4748. Social Revolutionary Movements in Latin America (3). Thematic coverage of the history of social revolutionary movements in Latin America, using specific case studies drawn from, among others, the Mexican, Bolivian, and Cuban revolutions.

Others

HIS 3310. Voices of War (3). Course explores in depth the impact of war on the immediate participants, the societies from which they came, and the ultimate consequences. The specific war experiences will be selected by the instructor and could cover, for example, the U.S. Civil War, WWI, WWII, the Vietnam War, or the Peloponnesian War. The material will be drawn (as available) from diaries, letters, memoirs, autobiographies, oral histories, etc. May be repeated to a maximum of twelve (12) semester hours.

HIS 3450. History of Science (3). This course is a study of the mutually-shaping relationships between social and political ideas and the histories of the various sciences.

HIS 3949. Cooperative Education Work Experience (0). (S/U grade only.) This course will not count as credit toward the history major.

HIS 4070. Oral History (3). Exposes students to the use of oral history as a research technique and provides experience in conducting professionally acceptable oral history interviews. Course will not count as credit toward the history major.

HIS 4080. Archives Management (3). The nature of archives; various types of records; arranging and processing archives; restoring and protecting records; archival institutions, policies, and procedures. Course will not count as credit toward the history major.

HIS 4081. Museum Management (3). History and philosophy of museums, especially historical museums; organization and operation; planning exhibits; educational activities; and public relations. Course will not count as credit toward the history major.

HIS 4086. Historic Sites Identification and Preservation (3). The identification, preservation, and maintenance of historic sites; the historic preservation movement. Course will not count as credit toward the history major.

HIS 4090. Directed Individual Study (1–4). May be repeated to a maximum of twelve (12) semester hours. Course will not count as credit toward the history major or minor.

HIS 4093. Special Topics in History (3). Specialized approaches to history. Topics will vary. The course may be repeated for different topics to a maximum of nine (9) semester hours.

HIS 4095. Tutorial in History (1–2). Prerequisites: Senior history majors and minors only; instructor’s permission. Selected topics in history. A maximum enrollment of five (5) students in each tutorial. May be repeated only once and to a maximum of four (4) semester hours. Course will not count as credit toward the history major or minor.

HIS 4150. Senior Seminar (3). Advanced training in historical methods and historiography. The historical material (African, American, Asian, British, European, Latin American, or Middle Eastern) varies from seminar to seminar depending on the instructor’s area of expertise. May be repeated to a maximum of six (6) semester hours.

HIS 4160. Honors Work (1–6). Open to participants in the University’s and departmental honors program. The student must complete six (6) thesis hours. This course will not count as credit toward the history major. May be repeated to a maximum of nine (9) semester hours.

WOH 4235. Disease, Race, and Environment (3). This course examines the close relationship between disease, race, and environment in the development of civilizations of the world.

WOH 4244. World War II (3). Avoiding the common Eurocentric approach, this course deals with World War II on a global basis. It analyzes the character of the Pacific theater as well as that of the European war, presenting the student with insights into and contrasts between the various belligerents.

Graduate Courses

African History


American History

AMH 5116. Colonial American History to 1763 (4).
AMH 5139. Revolutionary America, 1760-1788 (4).
AMH 5149. Thomas Jefferson’s America (4).
AMH 5177. The Civil War Era (4).
AMH 5178. Post-Civil War, 1865–1890 (4).
AMH 5278. The United States Since 1945 (4).
AMH 5404. The Old South (4).
AMH 5405. The South Since 1865 (4).
AMH 5424. History of Florida from 1821 to the Present (4).
AMH 5447. History of the Frontier to 1865 (4).
AMH 5469. Urban America Since 1879 (4).
AMH 5517. United States Foreign Relations to 1900 (4).
AMH 5518. Twentieth-Century United States Foreign Relations (4).
AMH 5555. American Legal History I (4).
AMH 5556. American Legal History II (4).
AMH 5564. Women in Modern America (4).
AMH 5567. Women in 19th-Century America (4).
AMH 5568. Colonial and Revolutionary Era American Women’s History (4).
AMH 5576. Black America to 1877 (4).
AMH 5577. Black America Since 1877 (4).
AMH 5635. Florida Environmental History (4).
AMH 5645. Humor and the American Mind (4).

Asian History

ASH 5226. Modern Middle East (4).
ASH 5266. Central Asia Since the Mongols (4).
ASH 5406. China to 1898 (4).
ASH 5408. China Since 1898 (4).
ASH 5447. History of Modern Japan (4).
ASH 5529. Traditional India (4).
ASH 5559. Modern India (4).

Classical History

Note: The following history courses are offered by the Department of Classical Languages, Literature, and Civilization.
CLA 5439. Studies in Greek History (3).
CLA 5448. Studies in Roman History (3).
CLA 5885. Roman Law (3).

European History

EUH 5125. The Crusades (4).
EUH 5127. Earlier Middle Ages (4).
EUH 5128. Later Middle Ages (4).
EUH 5146. The Renaissance (4).
EUH 5147. The Reformation (4).
EUH 5238. Rise of Nationalism (4).
EUH 5246. World War I: Europe, 1900-1918 (4).
EUH 5249. The Holocaust in Historical Perspective (4).
EUH 5285. Europe in the Cold War and Detente (4).
EUH 5338. History of East Central Europe, 1815 to the Present (4).
EUH 5365. The Balkans Since 1700 (4).
EUH 5467. Nazi Germany (4).
EUH 5508. England in the Middle Ages (4).
EUH 5509. Modern Britain Since c. 1870 (4).
EUH 5516. Tudor England (4).
EUH 5518. Stuart England (4).
EUH 5578. 19th-Century Russia (4).
EUH 5579. 20th-Century Russia (4).
EUH 5608. European Intellectual History, 1500–1800 (4).
EUH 5609. European Intellectual History, 1800 to Present (4).
EUH 5526. War and the Nation State (4).

Latin American History

LAH 5439. History of Mexico (4).
LAH 5475. History of the Caribbean (4).
LAH 5609. History of Brazil (4).
LAH 5727. Race and Class in Colonial Latin America (4).
LAH 5749. Social Revolutionary Movements in Latin America (4).

Historical Administration

HIS 5077. Oral History (4).
HIS 5082. Archives Management (3).
HIS 5083. Historic Sites Identification and Preservation (3).
HIS 5084. The Management of Historical Sites and Museums (3).
HIS 5085. Internship in Historical Management (4–8). (S/U grade only.)
HIS 6055. Historical Methods/Public History (4).

Others

HIS 5909. Directed Individual Study (1–4). (S/U grade only.)
HIS 5911. Supervised Research (1–5). (S/U grade only.)
HIS 5932. Graduate Tutorial in History (1–2).
HIS 5935. Special Topics in History (4).
HIS 5940. Supervised Teaching (1–5). (S/U grade only.)
HIS 6059. Historical Methods (4).
HIS 6469. Historiography and Science (4).
HIS 6500. History of Life Sciences (4).
Program in
HISTORY AND PHILOSOPHY OF SCIENCE
COLLEGE OF ARTS AND SCIENCES
Director: Michael Ruse
Overview
Florida State University is pleased to announce the creation of a new Master of Arts degree program in the history and philosophy of science. This program began in the fall semester of 2004. The focus of the program is on the biological sciences, although we welcome applications from potential students interested in other areas of science. We take very seriously the importance of working on topics of relevance to the society in which we live, and we are strongly committed to an interdisciplinary approach, with involved faculty drawn broadly from across the university—especially the humanities and the natural sciences.

As a major university, we are able to offer opportunities for study and research in topics of particular pertinence to our region, such as racial issues, conservation and problems of pollution, and clashes between science and religion. We also have major strengths in other areas: logic and formal methods, social philosophy, intellectual and cultural history, history of the South, African American history, ancient science and mathematics, and evolution and ecology.

FSU has attractive competitive scholarships and there are opportunities for research and teaching assistantships that include remission of tuition. Strong library facilities exist and we are building further on these. We are committed to helping our students when they complete their degree, either to further graduate work or to entering the work force. This Master’s degree with its multidisciplinary breadth is appropriate for those interested in pursuing a Ph.D. in philosophy, history, religion or biology. It is also suitable for those undergraduates who would like to combine it with one of the traditional disciplines in our combined Bachelor’s-Master’s program. In all cases we will aim to tailor individual course programs to suit students’ needs.

The Program hosts an annual conference or workshop, supported by the Werkmeister Fund. Those interested in learning more about the degree, or in enrolling, should consult our Web site and contact the Director, Michael Ruse or his administrative assistant, Sarah Fisk.

Requirements for the Minor:
The minor is twelve (12) semester hours and must include one Philosophy of Science course and one History of Science course, or equivalent.

If used to fulfill the HPS minor, none of these courses may also be used to fulfill Liberal Studies or major degree requirements.

Some of these courses have prerequisites; check with the department that offers the course. A grade of C- or better must be earned in each course. Listed below are some of the classes that may be used to fulfill the minor.

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<th>Course Code</th>
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<td>PHI 2620</td>
<td>Environmental Ethics</td>
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<td>PHI 3000</td>
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Dedman School of
HOSPITALITY
COLLEGE OF BUSINESS

Director and Robert H. Dedman Professor: Robert H. Bosselman;
Professors: Bonn, Bosselman, Brymer; Associate Professors: Harris, Ohlins; Associates in Hospitality: Lanford, LaTour, Riscigno; Cecil B. Day Professor of Lodging Management: Brymer; Robert H. Dedman Professor in Hospitality Administration: Bonn

The program in hospitality administration was established in 1947 in recognition of the demand for hotel and restaurant industry executives with the objective of providing the kind of education tomorrow’s hospitality manager will need. The curriculum is designed so that students must meet high standards of achievement in general education and must acquire not only the specialized knowledge needed for their hospitality industry careers, but also understand the basic functions, objectives, and tools of management that are common to executive roles.

The Dedman School of Hospitality is located in the South Building of the University Center, which provides for the specialized academic/training objectives established by the school. In addition to classrooms, this state-of-the-art facility provides hospitality students with teaching kitchens, a satellite technology center, a publication resource center, and a placement center. The building also contains an affiliated 35,000 square-foot, professionally managed city club that provides hospitality students with real-world food and beverage experience in elegant surroundings.

The Dedman School of Hospitality also houses one of a select group of professional golf management (PGM) majors, accredited by the Professional Golfers Association (PGA). Don Veller Seminole Golf Course, and the Dave Middleton Golf Complex, is home to the PGM program.

A state-of-the-art training facility, a pro shop, restaurant, faculty offices, and classrooms complement the 18-hole golf course.

One of the most rewarding benefits of an education in hospitality administration or professional golf management at The Florida State University is that through the years a personal, intimate, congenial climate, in which students may develop to their fullest potential, has remained a chief attraction. All of the school’s energies and resources are devoted exclusively to preparing each student for a professional career.

The Dedman School of Hospitality is nationally and internationally recognized as one of the best. Many firms visit the school each year to interview students for entry-level management positions. Graduates of the program enjoy top managerial and ownership positions in clubs, restaurants, hotels, resorts, institutions, and other facets of the hospitality and golf industries. The requirement of practical, on-the-job experience, where the student applies classroom knowledge to the workplace, prepares the Dedman School of Hospitality graduate for the operational challenges of industry.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071;
3. CGS X100*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or QMB X100.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the College of Business Undergraduate Advising Office for details.

Requirements for a Major in Hospitality Administration

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for hospitality administration majors; 3) the general business core requirements for hospitality administration majors; 4) the general business breadth requirements for hospitality administration majors; and 5) the major area requirements for hospitality administration majors.

Note: to be eligible to pursue a hospitality administration major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All hospitality administration majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

BUL 3310 The Legal Environment of Business (3).
FIN 3403 Financial Management of the Firm (3).
GEB 3213 Business Communications (3).
MAN 3240 Organizational Behavior (3).
MAR 3023 Basic Marketing Concepts (3).

General Business Breadth Requirements

All hospitality administration majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

HFT 3240 Managing Service Organizations (3).
ISM 3011 Introduction to Management Information Systems (3).
MAN 3504 Services Operations Management (3).
MAN 3600 Multinational Business Operations (3).
MAN 4720 Strategic Management and Business Policy (3).
MAR 3700 Professional Selling (3).
QMB 3200 Quantitative Methods for Business Decisions (3).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Major Area Requirements

All hospitality administration majors must complete the courses listed below. A minimum grade point average (GPA) of 2.0 must be earned in the courses used to satisfy the hospitality administration major area requirements.

FSS 3337 Quantity Food Production Management (2).
FSS 3337L Quantity Food Production Management Laboratory (1).
FSS 4338 Food and Beverage Management (2).
FSS 4338L Food and Beverage Management Laboratory (1).
HFT 3220 Human Resource Management in Hospitality Operations (3).
HFT 3224 Managerial Behavior in Hospitality Operations (3).
HFT 4471 Financial Management Control Systems (3).
HFT 4502 Hospitality Services Marketing and Research (3).
HFT 4941 Field Study in Hospitality Administration (0).

Plus three (3) electives from the following list of courses:

FSS 3423 Property Management for Hospitality Operations (3).
HFT 3272 Senior Services Management (3).
HFT 3277 Club Management (3).
HFT 3354 Agronomy for Golf Course Management (3).
HFT 3600 Law for Hospitality Operations (3).
HFT 3700 Tourism Management and the Environment (3).
HFT 4253 Lodging Management (3).
HFT 4294 Strategic Management in Hospitality Administration (3).
HFT 4866 Wine and Culture (3).

HFT 4930r Special Topics in Hospitality Administration (3).

Students enrolled in the Dedman School of Hospitality must complete one thousand (1,000) clock hours of satisfactory, verifiable work experience in the hospitality industry. The one thousand (1,000) hours of work experience must be completed prior to graduation, with the last 500 hours completed while enrolled at The Florida State University.

To enhance their employment opportunities, students may choose to complete one of the concentrations described below in addition to the requirements for the major in hospitality administration.

Concentration in Management Information Systems

ISM 4030 Management Information Systems Analysis and Design (3).
ISM 4212 Information for Operating Control & Data Management (3).

One of the courses listed below:

CGS 3405 Introduction to COBOL Programming for Business (3).
ISM 4113 Information and Communications Systems Management (3).
ISM 4909 Directed Individual Study (3).

Students concentrating in management information systems are strongly encouraged to fulfill a portion of their one thousand (1,000) clock hours of work experience requirement in a hospitality computer setting.

Concentration in Senior Services Management

HFT 3272 Senior Services Management (3).
SOW 4645 Aging and Old Age: Social Work with the Aged (3).

One of the courses listed below:

ADE 5193 Education and Training in Gerontology (3).
FAD 4340 Later Maturity (3).
NUR 4284 Dynamics of Aging (3).
PSY 4930 Special Topics in Psychology: Seminar in the Psychology of Aging (3).

Students concentrating in senior services management are required to complete five hundred (500) clock hours of work experience in an approved senior services facility. These hours must be completed prior to graduation and may be applied toward the one thousand (1,000) clock hours required for the major in hospitality administration.

Summer Program in Resort Management

HFT 3941 Management Internship (3).

HFT 4930r Special Topics in Hospitality Administration [Resort Management] (3).

To enhance their employment opportunities, students may choose to complete one of the concentrations described below in addition to the requirements for the major in hospitality administration.

European Summer Study Program

Combining accelerated classroom instruction with travel and on-site observation of industry operation, the program achieves an ideal educational balance. Classes are taught in English by Florida State University faculty. The following courses are offered:

HFT 4930r Special Topics in Hospitality Administration [International Hotel Management] (3).
HFT 4930r Special Topics in Hospitality Administration [Special Studies in International Hospitality Administration] (3).

HFT 4930r Special Topics in Hospitality Administration [European Food & Wine] (3).
HFT 4930r Special Topics in Hospitality Administration [European Travel & Tourism] (3).

Courses completed in this program count toward the State of Florida requirement that at least nine (9) semester hours be completed in the Summer semester at one of the State University System senior institutions.

Requirements for a Major in Professional Golf Management

All students must complete the following:

1. The University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin;
2. The State of Florida common course prerequisites for professional golf management majors;
3. The general business core requirements for professional golf management majors;
4. The general business breadth requirements for professional golf management majors;
5. The major area requirements for professional golf management majors.

Note: To be eligible to pursue a professional golf management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements
All professional golf management majors must complete the following five (5) courses. A grade of “C−” or better must be earned in each course.

BUL 3310  The Legal Environment of Business (3).
FIN 3403  Financial Management of the Firm (3).
GEB 3213  Business Communications (3).
MAN 3240  Organizational Behavior (3).
MAR 3023  Basic Marketing Concepts (3).

General Business Breadth Requirements
All professional golf management majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C−” or better.

HFT 3240  Managing Service Organizations (3).
Plus four (4) electives from the following list of courses:
ISM 3011  Introduction to Management Information Systems (3).
MAN 3504  Services Operations Management (3).
MAN 3600  Multinational Business Operations (3).
MAN 4720  Strategic Management and Business Policy (3).
MAR 3700  Professional Selling (3).
QMB 3200  Quantitative Methods for Business Decisions (3).
REE 3043  Real Estate (3).
RMI 3011  Risk Management/Insurance (3).

Major Area Requirements
All professional golf management majors must complete the courses listed below. A minimum grade point average (GPA) of 2.0 must be earned in these courses. Professional golf management majors also must satisfy a number of supplemental requirements, including a playing-ability test, PGA workshops, and internships, as described in the PGM policies and procedures handout available from the Dedman School of Hospitality.

FSS 3337  Quantity Food Production Management (2).
FSS 3337L  Quantity Food Production Management Laboratory (1).
FSS 4338  Food and Beverage Management (2).
FSS 4338L  Food and Beverage Management Laboratory (1).
HFT 2352  Introduction to Professional Golf Management (1).
HFT 3220  Human Resource Management in Hospitality Operations (3).
HFT 3224  Managerial Behavior in Hospitality Operations (3).
HFT 3277  Club Management (3).
HFT 3325  Agronomy for Golf Course Management (3).
HFT 3353  Intermediate Professional Golf Management (1).
HFT 3355  Advanced Professional Golf Management (1).
HFT 4471  Financial Management Control Systems (3).
HFT 4502  Hospitality Services Marketing and Research (3).
HFT 4941  Field Study in Hospitality Administration (0).

Definition of Prefixes
FSS—Food Service System
HFT—Hospitality Management

Undergraduate Courses
FSS 3337. Quantity Food Production Management (2). Corequisite: FSS 3337L. Food and beverage sanitation, production, and service; food service equipment; menu planning and costing; nutrition and safety. Introduction to basic food and beverage management concepts.
FSS 3337L. Quantity Food Production Management Laboratory (1). Corequisite: FSS 3337. Commercial quantity food production experience.
FSS 3423. Property Management in Hospitality Operations (3). The management of maintenance, energy, and engineering systems in hospitality industries; food service facilities planning, productivity work analysis, and sanitation; with computer applications.
FSS 4338. Food and Beverage Management (2). Prerequisites: FSS 3337, 3337L, and senior standing; Corequisite: FSS 4338L. Management methods and concepts utilized in food and beverage functions.
FSS 4338L. Food and Beverage Management Laboratory (1). Prerequisites: FSS 3337, 3337L, and senior standing: Corequisite: FSS 4338. Production and service of international cuisines.
HFT 2352. Introduction to Professional Golf Management (1). This course focuses on preparing students for the management of golf operations. For Professional Golf Management majors only.
HFT 3000. Introduction to Hospitality and Tourism Management (3). An introductory review of the segments, disciplines, career opportunities, and current issues facing the hospitality industry. Industry leaders may be featured as guest speakers. Open to nonmajors.
HFT 3220. Human Resource Management in Hospitality Operations (3). Prerequisite or Corequisite: MAN 3240. Analysis of human resource issues in the hospitality industry such as staffing, training, appraisal, wage and hour administration, discrimination, harassment, and other governmental issues.
HFT 3224. Managerial Behavior in Hospitality Operations (3). Prerequisite: HFT 3220; or Corequisite: FSS 4338. Analysis and development of interpersonal management skills including leadership, ethics, employee and guest relations, team building. Discussions on current issues, training, and quality management in the hospitality industry.
HFT 3240. Managing Service Operations (3). An in-depth examination of the concept of service and the linkages of the three most important functional areas of the firm: marketing, operations, and human resources. This course also addresses the concept of quality.
HFT 3272. Senior Services Management (3). The planning, development, operation, and management of retirement facilities. Explores the various types of senior living facilities, their operations, and the development and management of clubs, including golf course operations, organizational and financial structure, membership and guest relations, design and other amenities.
HFT 3353. Intermediate Professional Golf Management (1). Prerequisite: HFT 2352. This course focuses on developing intermediate level skills necessary for management of golf operations. For Professional Golf Management majors only.
HFT 3354. Agronomy for Golf Course Management (3). An overview of horticultural and agronomic practices needed by golf course managers in the hospitality industry.
HFT 3355. Advanced Professional Golf Management (1). Prerequisite: HFT 3353. This course focuses on advanced skills that prepare students for the management of golf operations. For Professional Golf Management majors only.
HFT 3601. Law for Hospitality Operations (3). Prerequisites: HFT 3220; BUL 3310. Basic concepts of law as applied to the hospitality industry including legal definitions, innkeeper/guest relationships, liability, and other legal problems.
HFT 3700. Tourism Management and the Environment (3). Tourism management and the environment. Examination, evaluation, and development of environmental and economic issues confronting the industry such as balancing use and preservation. Open to nonmajors.
HFT 3941r. Management Internship (1–3). (S/U grade only.) Prerequisites: Three, three (3) hour courses in hospitality administration, excluding DNS 330 or 331. A management internship program providing on-the-job management experience in some phase of the hospitality industry. HAD majors only. May be repeated to a maximum of nine (9) semester hours.
HFT 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
HFT 4253. Lodging Management (3). Prerequisite: HFT 3220. The study of hotel, motel, resort, and other types of lodging operations including functional department organization, operation, and systems. Emphasis on rooms department and computer usage in lodging properties as well as quality issues.
HFT 4294. Strategic Management and Operations Analysis in Hospitality Administration (3). Prerequisites or corequisites: all hospitality core courses. Integrative, applied course in strategic management and decision making in the hospitality industry utilizing case studies and simulation exercises. An in-depth examination of the use of various management tools for problem solving. Discussions on industry trends, multicultural analysis, and other governmental issues.
HFT 4502. Hospitality Services Marketing and Research (3). Prerequisite: MAR 3023. Applications of strategic market research and product/service positioning in the hospitality industry. Emphasis on competitive marketing strategies including sales, advertising, and promotions. Discussion on understanding of hospitality marketing, market research/analysis, ethics, and quality.
HFT 4866. Wine and Culture (3). An introduction to basic wine knowledge that, together with wine tasting, enhances student understanding and appreciation of wine and its place in our culture and heritage. Restricted to students 21 years of age and older. May not be taken as a S/U course.
HFT 4941. Directed Individual Study (1–3). May be repeated up to five (5) times.
HFT 4943r. Special Topics in Hospitality Administration (1–3). In-depth study of current topics in hospitality administration. May be repeated to a maximum of twelve (12) semester hours when topics change.
HFT 4941. Field Study in Hospitality Administration (0). (S/U grade only.) 1,000 hours of satisfactory, acceptable work experience in the hospitality industry. Discussion expands and integrates the work experience to enhance management decision-making skills. Report and supervisors’ evaluation required. Students must register for this class the semester in which they will complete the work experience requirement.
Interdisciplinary Program in Humanities

COLLEGE OF ARTS AND SCIENCES

Program Director: David F. Johnson; Assistant Director: Maricarmen Martinez;
Seminar Instructors: Adam Briggs, William Cloonan, Eugene Crook, David Darst, Marie Fleming; Maricarmen Martinez, Director of Undergraduate Studies: Adam Briggs

A bachelor of arts (BA) degree in humanities offers a broad interdisciplinary education in the thought, literature, art history, and music of Western and Eastern cultures. The interdepartmental undergraduate major is offered as a preparation for graduate work in the humanities and as a basic cultural background for a variety of professional fields, such as teaching, research, journalism, law, librarianship, foreign service, the religious professions, music, arts administration, and government service.

Requirements for a Major in Humanities

Please review all college-wide degree requirements in the “College of Arts and Sciences” chapter of this General Bulletin. All humanities majors must meet the language requirement for students seeking the bachelor of arts (BA) degree in the College of Arts and Sciences. For alternatives to satisfy this requirement, refer to ‘Foreign Language’ in the “College of Arts and Sciences” chapter of this General Bulletin. If a student chooses to double major, only six (6) semester hours may be applied to both majors. For general policies pertinent to a double major, refer to ‘Second Majors and Academic Regulations’ in the “Academic Regulations and Procedures” chapter of this General Bulletin.

The major and minor combination comprises a minimum of thirty-nine (39) semester hours beyond the liberal studies requirements and numbered above 1999. All course work counted toward the humanities major must be completed with a “C–” or higher. All humanities majors must take HUM 2210, 2235, 2250, and 3324 or their equivalents, before taking courses above 1999. All course work counted toward the humanities major must be completed with a “C–” or higher.

Note: This seminar can only be taken after receiving adviser approval and item #3 above has been completed.

1. Twelve (12) semester hours in courses with the HUM prefix; or, of the two following ways:
   a. Choose one of the categories listed below (a, b, and c)
   b. Choose one of the categories listed below.

2. Fifteen (15) semester hours in one of the following concentrations or time periods—American Studies; Asian and Middle East Studies; Black Studies; Latin American and Caribbean Studies; Women’s Studies; or Classical studies, Medieval studies, Renaissance studies, 18th-century studies, 19th-century studies, 20th-century studies; with no more than two courses in this cluster being selected from any one of the above-mentioned departments;

3. Nine (9) semester hours of criticism and appreciation to be selected as follows: one course from each of the three categories listed below (a, b, and c)

   a. Choose one of the categories listed below.

   b. Choose one of the categories listed below.

   c. Choose one of the five courses listed below.

   d. Choose one of the four courses listed below.

   e. Choose one of the four courses listed below.

   f. Choose one of the categories listed below.

4. Three (3) semester hours in HUM 4935, Seminar in the Humanities.

Honors in the Major

The program offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and consult http://www.honorsinthemajor.fsu.edu.

Requirements for a Minor in Humanities

Courses taken to meet the humanities minor are not applicable to any other requirement. The undergraduate minor may be accomplished in one of the following ways:

1. Twelve (12) semester hours in courses with the HUM prefix; or, of the two following ways:

2. Fifteen (15) semester hours of courses specified by the humanities program. The list is available online at http://www.honorsinthemajor.fsu.edu/undergraduate_information.html under the link “Minor Lists.” At least six (6) of these fifteen (15) semester hours must be earned in courses numbered above 2999. All course work counted toward the humanities must be completed with a “C–” or higher.
Definition of Prefixes

HIS—General History and Historiography
HUM—Humanities
LIT—Literature

Undergraduate Courses

HUM 1920. Freshman Interest Group (1). (S/U grade only.) Taught Fall term only. Topics vary. The Freshman Interest Group (FIG) Colloquium is a seminar-structured class designed to provide a set of experiences that will introduce the student to the academic culture at FSU.

HUM 1921. Learning Community Colloquium (1). (S/U grade only.) This series includes presentations on resources and university-wide programs as well as frequent talks by faculty members describing their own research and/or creative work. The course provides opportunities to meet a variety of potential role models and to engage in thoughtful, substantive discussions in large-classroom setting.

HUM 2110. Humanities: Homer to Gothic (3). Introduction to the thought, literature, and arts of Western culture from Homer to the Gothic.

HUM 2235. Humanities: From the Renaissance to the Enlightenment (3). Introduction to the thought, literature, and arts of Western culture from the Renaissance to the Enlightenment.

HUM 2250. Humanities: 18th-Century Romanticism to Postmodernism (3). Introduction to the thought, literature, and arts of Western culture from 18th-Century Romanticism to the Postmodern period.

HUM 2944r. University Honors Colloquium (1). (S/U grade only.) Prerequisite: Honors students only. Each fall faculty from across the academic and creative arts spectrum explore “Art and Inquiriy in the Modern University” with entering honors students. Discussions follow each weekly presentation. Students are required to write responses totaling two thousand (2,000) words. May be repeated to a total of two (2) semester hours.

HUM 2522. Humanities: Film and 20th Century Culture (3). Introduction to the thought, values, and arts of Western culture, with special emphasis on film.

HUM 3321. Multicultural Dimensions of Film and 20th Century Culture (3). Explores diversity within Western culture by focusing on film as a key medium for shaping social and cultural attitudes and values. Primary emphasis will be placed on the themes of race and gender but the student will also be trained in the analysis and appreciation of film as a uniquely modern art form.

HUM 3324. Cultural Imperialism (3). An analysis of the significant works of literature and the other arts created under the dominant “imperial” cultures. The course focuses upon themes relating to colonial subjugation. Works will be analyzed from the perspective of the dominating culture and from the contrasting vision of the subjugated colonial cultures.

HUM 3413. Humanities: South Asian (3). Introduction to the religion, philosophy, literature, and arts of Indian and Islamic culture in their classical and modern expressions. Not offered every semester.

HUM 3416. East Asian Humanities (3). Introduction to the religion, philosophy, literature, and arts of Chinese and Japanese culture in their classical and modern expressions. Not offered every semester.

HUM 3800. Humanities: Principles of Criticism and Appreciation (3). Introduction to the principles of criticism and appreciation in the arts and the humanities.

HUM 3930r. Humanities: Special Topics (1–3). May be repeated to a maximum of six (6) semester hours.

HUM 406r. Directed Individual Study (3). Prerequisite: Majors only. A student registered for an individual study course must schedule at least one conference a week on campus. The student should bear in mind that the DIS requirements are the same as if he or she were attending a class for three hours a week for 10 weeks. The minimum length of the paper will be 30 pages excluding footnotes and bibliography. HUM 406r cannot count toward major course work. May be repeated to a maximum of nine (9) semester hours.

HUM 4907. Honors Work (1–6). Prerequisite: Honors only. May be repeated to a maximum of nine (9) semester hours.

HUM 4924. Freshman Interest Group Peer Instruction (1). Spring term only. This course develops the knowledge, skills, and perspectives needed to be a Peer Instructor for the FIG Colloquium. Instruction covers general information needed to support the values of this unique liberal studies educational endeavor.

HUM 4931r. Topics in the Civilization of Britain or Italy (3). May be repeated to a maximum of six (6) semester hours.

HUM 4935r. Seminar in the Humanities (3). Prerequisite: Majors only. The seminar “Principles of Criticism and Interpretation of Humanities” is only offered one semester a year. This course examines a series of perspectives for approaching and applying the kind of knowledge gained from a study in the humanities. May be repeated to a maximum of six (6) semester hours.

HUM 4936r. Seminar in the Humanities (3). Prerequisite: Majors only. This seminar builds on issues in the first seminar.

Graduate Courses

HIS 5346. The Study of Intellectual History (3).

HUM 5227. The Hispanic Tradition: Greek and Roman (3).

HUM 5245. The Hispanic Tradition: Medieval, Renaissance, and Baroque (3).

HUM 5253. The Hispanic Tradition: The Modern World (3).

HUM 5909r. Directed Individual Study (3). (S/U grade only.)

HUM 5915r. Supervised Research (1–3). (S/U grade only.)

HUM 5940r. Supervised Teaching (0–5). (S/U grade only.)

HUM 6904r. Readings for Examination (1–12). (S/U grade only.)

HUM 6939r. Seminar Topics (3).

LIT 5066r. Study of Comparative Literature (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

Interdepartmental

IBERIAN STUDIES VALENCIA CENTER MINOR

College of Arts and Sciences

Coordinator: James E. Pitts (International Programs)

The Iberian Studies Valencia Center Minor is concerned with the culture of Spain from ancient times to the present. The minor is built around a program of studies at The Florida State University’s Valencia Study Center, allowing the student to pursue the minor before, during, and after the student attends the Valencia Program. The minor gives greater focus to, and enhances the quality of the student’s program of studies in Spain. The sojourn in Valencia is the essential element in the minor, providing direct involvement in contemporary Spanish civilization as well as exposure to Spain’s historical cultural artifacts.

Requirements for a Minor in Iberian Studies

The interdisciplinary minor requires the completion of fifteen (15) semester hours (to include at least two disciplines) in courses approved by the Iberian Studies Valencia Center Minor Coordinating Committee. At least nine (9) semester hours of approved courses must be taken while the student is in residence at the FSU Valencia Study Center. A maximum of nine (9) semester hours may be counted in any single academic discipline. Students who intend to minor in Iberian Studies should declare this intention with the Director of Student Services of International Programs at the end of his/her semester in Valencia.

The student must have completed at least three (3) semester hours (or the equivalent) in Elementary Spanish prior to attending the Valencia center. A minimum grade of “C-” must be earned for all courses taken for the minor. In addition, a minimum cumulative grade point average (GPA) of 2.0 must be maintained in all courses counted toward the minor.

Core Courses

These courses will be counted in the minor whether they are taken on the Tallahassee campus or in Valencia. Description of these courses may be found under the individual departments in which they are taught.

ARH 4352. Southern Baroque Art (3)

HUM 3930r. Humanities: Special Topics [Culture and Civilization of Spain] (1–3)

MUS 3934r. Special Topics in Music [Music of Spain] (1–3)

SPN 3332. Communication in Language and Culture I (3)

SPN 3333. Communication in Language and Culture II (3)

SPN 3440. Language and Culture in Business (3) *

SPN 3510. Cultures of Iberia (3)

SPN 4420. Advanced Spanish Composition and Translation (3)

SPN 4440. Business Writing in Spanish (3) *

SPN 4540r. Regional Cultural Studies (3)

SPN 4780. Spanish Phonetics (3) *

SPN 4905r. Directed Individual Study in Hispanic Language (3)

SPN 4930r. Studies in Hispanic Language and Literature (3)

SPN 4942r. Internship in Applied Spanish (1-6)

SPW 3030. Approaching Hispanic Literature (3)

SPW 3103. Readings from Early Iberia (3)

SPW 3104. Readings from Modern Spain (3)

SPW 3391r. Hispanic Cinema (3)

SPW 3493. Readings from Modern Spanish America (3)

SPW 4140r. The Poetics of Hispanic Love and Violence (3)

SPW 4150r. Transatlantic Encounters (3)

SPW 4481. Contemporary Spanish Women Writers (3)

Courses marked with an asterisk (*) must be taken at the Valencia Study Center.

Note: Each student must have completed at least one introductory course in Spanish - on the freshman level - prior to studying at the Valencia Center in order to qualify for a Minor in Iberian Studies. All courses in Spanish
(SPN) must be at the 3000 and 4000 level. Note also that courses used to satisfy the University’s foreign language requirement for the BA degree may not also count in the minor.

Related Courses

The following courses will apply toward the Iberian Studies Minor if 1) section or seminar topics are relevant to the minor or 2) research and papers are done on topics relevant to the minor. Students should keep copies of syllabi and their relevant work in case a need to verify the work arises.

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<tr>
<td>HUM 2250</td>
<td>Humanities: 18th Century Romanticism to Postmodernism (3)</td>
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International, and international demand and competition.

HUM 3930r | Humanities: Special Topics (1-3)                      |
LIT 4134   | The European Novel through World War I (3)             |
LIT 4144   | The Modern European Novel (3)                          |
MAN 3600   | Multinational Business Operations (3)                  |
MAN 4605   | Cross-Cultural Management (3)                          |
MAN 4631   | International Strategic Management (3)                 |
MAN 4680r  | Selected Topics in International Management (3)        |
MAR 4156   | Multinational Marketing (3)                            |
MUH 2012   | Music in Western Culture: 19th and 20th Centuries (3)  |
MUH 2051   | Music Cultures of the World - Music of Tribal and Folk Cultures (3) |
MUH 2052   | Music Cultures of the World II - Ritual and Art Music of the Non-Western World (3) |
PHH 3061   | Medieval and Renaissance Philosophy (3)                |
REL 3363   | The Islamic Tradition (3)                              |
REL 3607   | The Jewish Tradition (3)                               |
REL 4564   | Modern Roman Catholicism (3)                           |
REL 4613   | Modern Judaism (3)                                     |
SPN 4540r  | Regional Cultural Studies (3)                          |
SPN 4942r  | Internship in Applied Spanish (1-6)                    |
SPW 3391r  | Hispanic Cinema (3)                                    |
SPW 4190r  | Special Topics in Hispanic Languages and Literature (3) |
SPW 4301r  | Hispanic Culture and Performance (3)                   |
SPW 4905r  | Directed Individual Study in Hispanic Literature (3)   |
SPW 4930r  | Studies in Hispanic Literature (3)                     |
SYD 4700   | Race and Minority Group Relations(3)                   |
THE 4110   | European Theater History I (3)                         |
THE 4111   | European Theater History II (3)                        |

All other courses, with the exception of any Spanish courses below the 3000 level offered, at the Valencia Center may be counted toward the Iberian Studies Minor if a course syllabus shows that at least 50% of the material presented is relevant to the minor, and provided the Valencia Center Minor Coordinating Committee has given prior approval for their inclusion in the minor. In addition, special topics courses offered on The Florida State University campus on a one-time basis may be counted if the coordinating committee approves them. To have such courses considered, petition the Coordinating Committee, University Center A5500, Tallahassee, FL, 32306-2420

Program Educational Objectives

The BSIE curriculum is designed to comply with the current Accreditation Board for Engineering and Technology (ABET) criteria for accrediting engineering programs. Within the first few years following completion of the program, BSIE graduates are expected to have met these four program educational objectives:

- Been employed in industrial, service or governmental organizations applying the industrial engineering skills in developing, designing, analyzing, implementing or improving integrated systems that include people, materials, information, equipment and energy
- Completed or enrolled in a graduate program
- Participated in a multicultural and diverse workplace
- Utilized teamwork, communication and engineering management skills.

To achieve these curricular objectives, all industrial engineering students must demonstrate or exhibit specific program outcomes. Students are instructed to contact their academic adviser or visit the departmental Web site at http://www.ie.eng.fsu.edu to obtain the current list of industrial engineering program outcomes.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.
The following lists the common course prerequisites or approved substitutes necessary for this degree program:
1. ENC X101;
2. ENC X102;
3. MAC X311*;
4. MAC X312*;
5. MAC X313*;
6. MAP X302;
7. CHM X045/X045L*;
8. PHY X048/X048L;
9. PHY X049/X049L;
10. Six (6) semester hours in humanities;
11. Six (6) semester hours in social science;
12. Three (3) additional semester hours in humanities or social science.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a Major in Industrial Engineering

It is the policy of the Department of Industrial Engineering that a student must receive passing grades in all prerequisite courses prior to enrolling in an industrial engineering course. Concurrent registration in a course and its prerequisites is not allowed. All prerequisites to prerequisites must be completed. Failure to abide by this policy can result in the cancellation of enrollment in the course at any time during the semester and with no refund of fees. Corequisite courses must be taken concurrently or prior to enrolling in the course.

A candidate for the bachelor of science degree in industrial engineering (BSIE) is required to successfully complete the following courses, in addition to the other College of Engineering core requirements:

EGN 3443 Statistical Topics in Industrial Engineering (3)
EIN 3118 Computing Topics in Industrial Engineering (3)
EIN 3390C Manufacturing Processes and Materials Engineering (5)
EIN 3391 Introduction to Engineering Management (3)
EIN 4243 Ergonomics (3)
EIN 4312 Tool and Process Engineering (3)
EIN 4333 Design of Integrated Production Systems and Facilities Layout (3)
EIN 4395 Manufacturing Systems Engineering (3)
EIN 4891 Industrial Engineering Senior Design Project (3)
ESI 3312C Operations Research I: Deterministic (3)
ESI 4234 Quality Control and Reliability Engineering (3)
ESI 4313 Operation Research II: Nondeterministic (3)
ESI 4523 Simulation of Industrial Engineering Systems (3)
XXX XXXX Elective (with adviser’s approval) (3)
XXX XXXX Mathematics Elective (3)
XXX XXXX Department Electives (6)

Industrial engineering majors are required to consult with their IE undergraduate adviser before enrolling for the next academic term. Students must obtain current IE requirements and course offering schedules from the IE department.

Grade Requirements

In addition to University and college requirements regarding grades and grade point average (GPA), the Department of Industrial Engineering (IE) requires that the IE major achieve a grade within the “C–” range or higher for all required IE courses. In accordance with College of Engineering policy, a student may request that a course completed with a grade of “D+,” “D,” or “D–” be counted toward the BSIE degree. Recommendation by the IE undergraduate adviser(s) and approval by the department chairperson and the associate dean are required for the course to be counted toward graduation credit.

Definition of Prefixes

EGN—Engineering: General
EGS—Engineering: Support
EIN—Industrial Engineering
EMA—Materials Engineering
ESI—Industrial/Systems Engineering

Undergraduate Courses

EGN 1004L First Year Engineering Laboratory (1). An emphasis on student time management, a variety of projects and processes, and computer-aided problem solving. Course process involves sketching and drawing pertinent diagrams by hand, and learning the history and engineering concepts involved.
EIN 2123. Computer Graphics for Engineers (2). Corequisite: MAC 2511. Course covers principles of engineering graphics: visualization, spreadsheet applications, graphical calculus, and descriptive geometry. Also introduces the engineering design process and CAD systems.
EIN 3443. Statistical Topics in Engineering (3). Prerequisite: MAC 2312. Basic statistical analysis, samples and populations, variability, hypothesis formulation, and data analysis. Use of computer software and interpretation of results.
EIN 3918. Computing Topics in Industrial Engineering (3). Prerequisite: CGS 3408. State of the art computing techniques for industrial engineers. Applications of structured programming, mathematical analysis software, and engineering databases. Use in engineering of GUI languages, Internet communication, and UNIX.
EIN 3390C. Manufacturing Processes & Materials Engineering (5). Prerequisite: CHM 1045C. Corequisite: EIN 2123. Introduction to industrial materials and their composition, properties, metallography, and heat treatment. Introduction to the manufacturing processes of machine industries including hot working, cold working and metal removal. Laboratory experiences.
EIN 3391. Introduction to Engineering Management (3). Prerequisites: EIN 2123, 3613. The evolution, history, emergence, and ethics of engineering and industrial engineering. Emphasis is placed on the management of technology and on the engineering methods for product conceptualization, design, development and production. Fundamental sciences, engineering methods, information systems, economics, and behavior theory contained in engineering management principles and practices.
EIN 3905C. Directed Independent Study (3). Prerequisite: Permission of department chairperson. Topics vary and each case must be approved by the department chairperson. May be repeated to a maximum of six (6) semester hours.
EIN 3946. Cooperative Work Experience (0). (S/U grade only.) May be repeated six times.
EIN 4243. Ergonomics. Prerequisites: EGM 3512; EGN 3443; EIN 3390C. Human characteristics and limitations in relation to physical work, mental work, and job design. Human physiological variables in relation to industrial work environment and product design. Case studies and design exercises.
EIN 4312. Tool and Process Engineering (3). Basic design techniques of various manufacturing tools, including cutting tools, inspection tools, and jigs and fixtures. Fundamental planning techniques of manufacturing processes. Design exercises.
EIN 4333. Design of Integrated Production Systems and Facilities Layout (3). Prerequisites: EIN 2123, 3613; ESI 3312C. Basic functions: demand forecasting, process planning, master scheduling, expediting, and quality control. Inventory control. Formation of systems from three different functions. Case studies and design exercises with computer implementation.
EIN 4395. Manufacturing Systems Engineering (3). Prerequisite: EIN 4312. Introduction to modern manufacturing systems, with a special focus upon the integration of manufacturing resources through the use of computers. Design, planning, analysis, and control of computer integrated manufacturing systems.
EIN 4611. Industrial Automation and Robotics (3). Prerequisite: EIN 3390C. Introduces and familiarizes students with the basic automation problems and the technologies used in automated production and robotic systems. Various components and systems and their applications to industrial automation will be discussed. Course will be supplemented by labs that will help students apply and evaluate the concepts studied in the classroom.
EIN 4891. Industrial Engineering Senior Design Project (3). Prerequisite: Must be in final semester of degree program. Students are expected to complete a large-scale design project involving the full implementation of the IPPED process. Project includes a written report and requires the use of various design techniques and methods.
EIN 4934C. Honors Thesis (3). May be repeated to a maximum of six (6) semester hours.
EIN 4936C. Selected Topics in Industrial Engineering (0). Offered fall and spring semesters. Topics will be determined by a departmental committee on special topics, taking into consideration the needs of students who are about to graduate. May be repeated to a maximum of nine (9) semester hours.
ESI 3312C. Operations Research I: Deterministic (3). Prerequisite: MAP 3305. The following topics will be treated with emphasis on validation of algorithms and derivation of heuristics: linear programming, assignment problems CPM, network flows, discrete optimization, branch and bound solutions, and dynamic programming. Design exercises.
ESI 4324. Quality Control and Reliability Engineering (3). Prerequisites: EGN 3443. Introduction to quality and reliability engineering. Statistical quality control techniques, process capability analysis, and design and analysis of experiments for quality and reliability improvement.
ESI 4312C. Operations Research II: Nondeterministic (3). Prerequisites: EGN 3443; MAP 3305. Development and application of nondeterministic, analytic models including PERT/CPM, discrete and continuous time Markov chains, queuing models including queuing networks, inventory models, and decision analysis. Case studies and design exercises.
Graduate Courses
EIN 5114C. Computing Topics in Industrial Engineering (3).
EIN 5322. Engineering Management (3).
EIN 5336. Production Control (3).
EIN 5353. Engineering Economic Analysis (3).
EIN 5392. Manufacturing Processes and Systems (3).
EIN 5398. Manufacturing Materials Processing (3).
EIN 5399. Concurrent Engineering (3).
EIN 5412. Computer-Aided Manufacturing (3).
EIN 5524. System Modeling and Simulation (3).
EIN 5905r. Directed Individual Study (1–3). (SU grade only.)
EIN 5930r. Special Topics in Industrial Engineering (1–6).
EIN 5931. Leadership and Communications (3).
EIN 5936r. Graduate Seminar (0). (SU grade only.)
EIN 6126. Global Manufacturing Strategy (3).
EIN 6357. Advanced Engineering Economy (3).
EIN 6416. Manufacturing Systems Analysis (3).
EIN 6419. Tolerance and Metrology for Precision Manufacturing (3).
EIN 6609. Advanced Computer Numerical Control and Application (3).
EIN 6901r. Master’s Thesis (1–6). (SU grade only.)
EIN 6980. Dissertation (3–24). (SU grade only.)
EIN 8964. Preliminary Doctoral Examination (0).
EIN 8976. Master’s Thesis Defense (0). (SU grade only.)
EIN 8989r. Dissertation Defense (0).
EMA 5182. Composite Materials Engineering (3).
ESI 5154. Statistical Process Control (3).
ESI 5228. Introduction to ISO 9000 (3).
ESI 5247. Engineering Experiments (3).
ESI 5248. Environmentally Conscious Design and Manufacturing (3).
ESI 5408. Applied Optimization (3).
ESI 5417. Engineering Data Analysis (3).
ESI 5451. Project Analysis and Design (3).
ESI 5458. Optimization on Networks (3).
ESI 5524. Advanced Simulation Applications (3).
ESI 5525. Modeling and Analysis of Manufacturing and Industrial Systems (3).
ESI 5580. Applications of Knowledge Engineering (3).
ESI 6490r. Advanced Topics in Optimization (1–9).

INFORMATION TECHNOLOGY

COLLEGE OF INFORMATION


The College of Information offers a bachelor’s degree in information technology, a master’s degree which is accredited by the American Library Association, a specialist degree, and a doctor of philosophy degree. Refer to the “College of Information” chapter of this General Bulletin or to the school’s Web site at http://www.lis.fsu.edu for more details concerning degree programs and other information. For complete details of graduate degree requirements, plus a description of the College of Information and its facilities and opportunities, refer to the Graduate Bulletin.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:
1. COP XXXX (College-level programming course in C, C++, or Java);
2. CGS X060;
3. MAC X105.

Note: CGS 3048 (prerequisite: MAC 1140 or MAC 2233) may be substituted for COP XXXX at The Florida State University.

Definition of Prefix
LIS—Library and Information Studies

Undergraduate Courses

LIS 2568. Multicultural Issues in Information Resources for Youth (3). Introduces students to diversity within Western society. Employs strategies for analyzing print, electronic, and digital information resources and for preparing the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:
1. COP XXXX (College-level programming course in C, C++, or Java);
2. CGS X060;
3. MAC X105.

Note: CGS 3048 (prerequisite: MAC 1140 or MAC 2233) may be substituted for COP XXXX at The Florida State University.

Advanced Undergraduate Courses

LIS 4264. Systems Approach in the Information Environment (3). An introduction to the systems approach for problem solving in an information seeker’s environment. The theories and concepts of information science are integrated with a variety of practical tools for the structured design and analysis of information systems.
LIS 4286. Theory of Information Retrieval (3). Prerequisites: LIS 3267, 4276 and 4251. The theory of information retrieval for both text and numeric materials. Discussion of various retrieval, query, and knowledge representation methods beyond Boolean models, including vector, probabilistic edge-detection, 2D strings, and associative network models. Elaboration of concepts of retrieval performance, efficiency and effectiveness beyond precision and recall. Retrieval issues of user-interfaces and hypertext are explored.
LIS 4278. Quantitative Methods in Information Studies (3). Prerequisites: LIS 3201, 3602 and senior standing or consent of instructor. Details practical methods for collecting and analyzing quantitative data. Includes hypothesis testing, analysis of variance, contingency tables, correlation and experimental design.
LIS 4277. Usability and Usefulness of Information Systems (3). Prerequisites: LIS 3201 and 4276. Introduces students to the concepts of cognitive and human information processing, their application to information systems design, and the assessment of the usability and usefulness of information systems.
LIS 4301. Electronic Media Production (3). Prerequisite: LIS 3353. The understandings, skills and techniques needed for the production and utilization of various types of electronic graphic resources with particular emphasis on visual literacy, the evaluation of graphic resources, design standards and the visual representation of information. Students will evaluate existing materials, and design and produce materials for both electronic and print formats, including pages for the World Wide Web, slide shows for visual support of verbal presentations, and documents produced with desktop publishing software.
LIS 4351. Interface Design (3). Prerequisite: LIS 3353. Introduction to the basic theory of computer interface design for information specialists and the fundamental concepts and techniques of computer programming.
LIS 4355. Natural Language Processing for the Information Professional (3). Prerequisites: LIS 3267, 4351. Studies the problems and techniques of processing natural language as an approach to providing information services. Introduces the theory of spoken language and how it differs from theories of computer-generated natural language. Includes language pattern recognition and syntactic inference, and semantic networks as applied to information systems.
LIS 4365. Advanced Web Applications (3). Prerequisite: LIS 4301. Course introduces the tools and techniques of client and server side application technologies for the World Wide Web information servers. Teaches students how to evaluate the effectiveness of WWW applications. Acquaints students with resources available for design, production and evaluation of WWW information servers and assists students in developing strategies
for locating these sources. Students gain hands-on experience in web application production, including: PERL/CGI, JavaScript, server authentication techniques, synchronized multimedia, and hypertext authoring.

LIS 4366. Web Site Development and Administration (3). Prerequisite: LIS 4301. Issues and techniques related to the planning, production, and management of large World Wide Web sites, including information on organization and design, hardware and software, and cutting-edge development tools. Special emphasis paid to information provision, and the role of Web developers as providers and managers of information resources.

LIS 4410. Societal Implications of the Information Age (3). An introduction to the evolving role of information in the “Information Age.” Emphasizes information services in society and contemporary information resources that fulfill society’s information needs. Considers the nature of electronic sources of information as well as other information formats and sources.

LIS 4481. Managing Information Resources and Services (3). Prerequisites: three of the following: LIS 3201, 3267, 3353, 3602, 4276 and 4351. An introduction to management science and administrative issues as applied to information resources management (IRM), information centers, and information services. An emphasis is placed upon management functions, concepts and principles, IRM definitions and issues, IRM implementation and strategies. Life-cycle management, and career opportunities.

LIS 4482. Managing Networks and Telecommunications (3). Prerequisite: LIS 3353. This is a foundation course in the use of networks and telecommunication to provide information. Focus is on modern data networks, especially building blocks of local area networks (LANs). The course deals with concepts, technical requirements, and a variety of management issues.

LIS 4488. Network Administration for the Information Professional (3). Prerequisites: LIS 3353, 4482. Provides the information and skills necessary to perform competently in the role of network administrator or network system manager within a library and/or information center environment. Introduces students to the design, operation, and management of networked systems from local area networks to the Internet. Includes communication concepts, technical and application issues, with a focus on managing a network.

LIS 4642. Electronic Information Sources and Services (3). Prerequisite: LIS 3602. An introduction to the processes of electronic information retrieval including some theoretical principles, laboratory experiences and selected current research issues.

LIS 4701. Information Representation (3). Prerequisite: LIS 3267 and 3602. Course addresses the principles and techniques of organizing non-bibliographic information sources including unpublished and transitory materials such as archival and manuscript collections, business/office records, ephemera and local databases. Course focuses on locally produced resources created for a narrowly defined, specific, and possibly restricted information user group.

LIS 4770. Information and Image Management (3). Describes the scope and the problems involved in the administrative management of records. Emphasis centers upon the importance of managing and controlling records from the time of their creation until their vital deposition.

LIS 4905r. Directed Individual Study (1–3). (S/U grade only.) Guided studies for individual professional and subject needs. May be repeated to a maximum of six (6) semester hours.

LIS 4910r. Design Problem (3). Prerequisite: senior standing. An independent enterprise for which a student designs and implements an information studies project, working under faculty guidance. May be repeated to a maximum of six (6) semester hours.

LIS 4938. Seminar in Information Studies (3). Prerequisite: Senior standing and three of the following: LIS 3232, 3267, 3342, 3602, 4276, 4351. The intensive reading and preparation of position papers concerning current issues in information studies, followed by discussions of these papers with faculty and information specialists.

LIS 4940r. Internship in Information Studies (1–6). (S/U grade only.) Prerequisite: LIS 3201, 3353, 3602 and consent of adviser. Acceptable work experience in the information industry that expands and integrates classroom work. Internship may be paid or unpaid. May be repeated for a maximum of six (6) semester hours.

LIS 4970r. Honors Work in Information Studies (1–6). Prerequisites: Member of the university honors program and information technology major. Course provides an opportunity for students to work in independent and original research in a specialized area beyond the current curriculum in information technology. May be repeated to a maximum of nine (9) semester hours. To graduate with honors in information studies, the student must complete six (6) semester hours of course work with at least a “B-” or better and an overall 3.2 GPA or higher.

Graduate Courses

LIS 5105. Communities of Practice (3).
LIS 5203. Assessing Information Needs (3).
LIS 5241. International and Comparative Information Service (3).
LIS 5260. Information Science (3).
LIS 5263. Theory of Information Retrieval (3).
LIS 5270. Evaluating Neworked Information Services and Systems (3).
LIS 5271. Research in Information Studies (3).
LIS 5275. Usability Analysis (3).
LIS 5313. Design and Production of Media Resources (3).
LIS 5316. Information Graphics (3).
LIS 5362. Design and Production of Multimedia (3).
LIS 5364. Web Site Development and Administration (3).
LIS 5367. Advanced Web Applications (3).
LIS 5408. Management of Information Organizations (3).
LIS 5411. Introduction to Information Policy (3).
LIS 5413. Seminar in Information Policy (3).
LIS 5415. Socio-Political Process in Information Studies (3).
LIS 5416. Introduction to Legal Information (3).
LIS 5417. Introduction to Legal Resources (3).
LIS 5418. Introduction to Medical Informatics (3).
LIS 5484. Introduction to Data Networks for Information Professionals (3).
LIS 5487. Information Systems Management (3).
LIS 5489. Network Administration (3).
LIS 5511. Management of Information Collections (3).
LIS 5512. School Collection Development and Management (3).
LIS 5513. Preservation of Information Materials (3).
LIS 5524. Instructional Role of the Informational Specialist (3).
LIS 5564. Information Needs of Children (3).
LIS 5565. Information Needs of Young Adults (3).
LIS 5566. Multicultural Literature and Information Resources for Children and Young Adults (3).
LIS 5567. International Literature for Children and Young Adults (3).
LIS 5576. Information Needs of Adults (3).
LIS 5590. Museum Informatics (3).
LIS 5603. Introduction to Information Services (3).
LIS 5703. Information Organization (3).
LIS 5711. Cataloging and Classification (3).
LIS 5736. Indexing and Abstracting (3).
LIS 5737. Subject Analysis (3).
LIS 5771. Information and Image Management (3).
LIS 5782. Database Management Systems (3).
LIS 5900r. Directed Individual Study (1–3). (S/U grade only.)
LIS 5916r. Issues in Information Studies (1–3).
LIS 5945r. Internship (0–12). (S/U grade only.)
LIS 5971r. Thesis (3–6). (S/U grade only.)
LIS 6205. Issues in Information Behavior (3).
LIS 6269. Seminar in Information Science (3).
LIS 6279r. Research in Information Studies (3).
LIS 6289. Seminar in Education for Information Studies (3).
LIS 6662. Seminar in Information Policy (3).
LIS 6759. Seminar in Intellectual Access (3).
LIS 6909r. Directed Individual Study (1–8). (S/U grade only.)
LIS 6911r. Research Collaboration (1–5). (S/U grade only.)
LIS 6919r. Issues in Information Studies (1–5).
LIS 6980r. Dissertation (1–12).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of INTERIOR DESIGN

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: Eric Wiedegreen; Professor: Wiedegreen; Associate Professors: Butler, Koenig, Munton, Myers, Ohazama, Waxman; Assistant Professor: Navarro, Pable; Adjunct Faculty: Brunner, Camp, Harbin, Tribble, Williams

Interior design is concerned with the design of all interior spaces, both residential and nonresidential, and the field of environmental design. Students are prepared to meet professional requirements and criteria for the practice of interior design, membership in professional organizations, and licensure (if required). A professional designer was defined by the national accrediting trust, the Foundation for Interior Design Education Research (FIDER), as one who is “qualified by education, experience, and examination to enhance the function and quality of interior spaces for the purpose of improving the quality of life, increasing productivity, and protecting health, safety, and welfare of the public.” The Department of Interior Design is accredited by FIDER and the National Association of Schools of Art and Design (NASAD).

The competencies taught include elements and principles of design, design analysis, space planning and programming, drafting and technical drawing, computer aided drafting and design, graphic presentation of design solutions, design history, sustainability, and research methodologies. There is an active student chapter of the American Society of Interior Designers (ASID) and the International Interior Design Association (IIA). The faculty includes members (allied, professional, and corporate) of ASID, IIDA, the Interior Design Educators Council (IDEC), and the American Institute of Architects (AIA).

The interior design program offers the bachelor of science (BS) and the bachelor of arts (BA) degrees. Students must consult the “Undergraduate Degree Requirements” chapter of this General Bulletin for BA degree requirements.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common prerequisites or approved substitutions necessary for this degree program:
1. CGS 2060 or CGS 1060;
2. CTE X431 or CTE X401;
3. IND 3020 or IND X020 or any level two- and three-dimensional design course.

Note: The program requires nine (9) semester hours of art, art history or other art-related courses. These may be taken at any level and may be used to satisfy performing and fine art and/or humanities liberal studies requirements.

Degree Requirements

The undergraduate degree program consists of a minimum of seventy-two (72) semester hours of course work in interior design, including a minimum of six (6) semester hours of electives. Students are urged to attend professional conferences and lectures as a vital part of the educational process.

Specific degree requirements include the following:
1. Liberal studies: of the required and elective semester hours, four (4) should be taken in textiles (CTE 1401), and three (3) should be taken in an art history course selected by the student. The department is prepared to offer suggestions about related courses. Refer to “The Liberal Studies Program” in the “Undergraduate Degree Requirements” chapter of this General Bulletin for specific degree requirements. Contact the program career counselor for further information if needed.
2. Interior design studio courses: twenty-one (21) semester hours;
3. Technical and graphic design courses: twenty-one (21) semester hours;
4. Lecture-based support courses: fifteen (15) semester hours;
5. History of interiors and architecture: nine (9) semester hours; and
6. Electives in interior design: six (6) semester hours.

Requirements for Bachelor of Arts Degree (only)

1. Electives in art-related courses must also meet University humanities requirements;
2. Language requirement is the equivalent of two years of language proficiency (no credit requirement).

Refer to “The Liberal Studies Program” section in the “Undergraduate Degree Requirements” chapter of this General Bulletin for specific degree requirements.

Requirements for a Major in Interior Design

The program is a limited access major with required sequential course offerings and elective courses in interior design. Four diagnostic courses are offered the first year of study (IND 1203, 1204, 1206 and 1406). In a portfolio review of work generated from these four courses held at the end of the Spring Term (called First Year Review), the top 40 students are chosen to move forward into the second year and above studies. Transfer students may take all four diagnostic courses during the summer term, and then go through First Year Review (their numbers counting within the total 40 students chosen to move forward.)

A specific listing of courses required for the majors in interior design is available on the department Web site at http://www.fsu.edu/~intdes. Internship preparation and placements are available for all undergraduate students, and students are urged to elect these studies. A minor is not required, but may be obtained in other appropriate areas (departmental advisement required prior to electing a minor).

Students majoring in interior design must maintain the minimum GPA for semester and overall averages. Students must also satisfactorily complete Portfolio Reviews I and II to remain in the program and satisfactorily complete Portfolio Review III to graduate.

Honors in the Major

The Department of Interior Design offers a program in honors in the major to encourage talented juniors and seniors to undertake independent research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

CTE—Clothing and Textiles
IND—Interior Design

Undergraduate Courses

Courses required for First Year Review

IND 1203. Design Fundamentals I (3). The study and development of two-and-three-dimensional design projects using the elements and principles of design.
IND 1204. Design Fundamentals II (3). Prerequisite: IND 1203. The continuing study and development of two-and-three-dimensional design projects using the elements and principles of design leading to the development of architectural space.
IND 1206. Introduction to Interior Design (3). A survey of the elements and principles of interior design to create an awareness of the made environment and a comprehensive appreciation of design.
IND 1208. Technical Drawing (3). An introductory architectural drafting course encompassing structural information and technical skill building in orthographic, paraline and perspective views.

Courses required upon completion of First Year Review

CTE 1401. Basic Textiles (3). Introduction to fibers, fabric structure, and finishes related to selection and care. Interrelationship between textile characteristics, properties, and end use.
IND 2300. Graphic Techniques I (3). Prerequisite: First year review. The introduction to achromatic media used in sketching, rendering, and design drawing, with an emphasis on schematics used in problem solving.
IND 2310. Graphic Techniques II (3). Prerequisite: IND 2300. The introduction to contemporary graphics color media, reproduction processes, and presentation drawings, with a focus on the reinforcement of perspective and freehand drawing proficiencies, as well as rapid rendering techniques for interior delineation.
IND 3217. Interior Design Studio I (3). Introduction to the fundamental elements and principles of design, design process, problem solving, space planning and specifications.
IND 3430. Lighting Fundamentals (3). Prerequisite: IND 3217. Advanced technical aspects of interior design with emphasis on lighting, electrical plans, reflected ceiling plans, measurements and applications.

IND 3440. Furniture Design (3). Prerequisite: IND 3469. The study of materials, structural considerations, function and style of furniture and case goods by developing and appreciating their design and construction.

IND 3465. Computer-Aided Design I (3). Prerequisite: First year review. This class is an introduction to computer-aided design and drafting using AutoCAD software. Students develop an understanding of the software and how designers and architects use computers.

IND 3469. Computer-Aided Design II (3). Prerequisite: IND 3465. This course is an advanced computer-aided design class. Students increase their knowledge of 3D AutoCAD, learn the basics of Autodesk Viz software, and receive an overview of Photoshop.

IND 3470. Construction Systems (3). Prerequisite: IND 3217. This is a lecture course that focuses on general construction techniques and terminology, integrating the building systems of structure, plumbing, and mechanical and fire safety.

IND 3480. Materials and Methods (3). Prerequisite: A textiles course. This course involves the study of furnishings and finishes for interiors with an emphasis on both aesthetic and performance qualities of the materials typically utilized in interior space.

IND 3930r. Special Topics in Interior Design (1–3). May be repeated to a maximum of twelve (12) semester hours.

IND 4101r. History of Interiors I (3). The study of architecture, interior, and furniture design from antiquity through the Renaissance. May be repeated to a maximum of six (6) semester hours.

IND 4111r. History of Interiors II (3). The study of architecture, interior, and furniture design of the 17th and 18th centuries. May be repeated to a maximum of six (6) semester hours.

IND 4156r. Historical Restoration, Research and Documentation (3–6). The study, research and documentation of restoration and preservation procedures, sources of antiquities, and reproductions. Includes field trips. May be repeated to a maximum of six (6) semester hours.

IND 4161r. History of Interiors III (3). The study of architecture, interior, and furniture design from the 19th century to the present. May be repeated to a maximum of six (6) semester hours.

IND 4218. Interior Design Studio II (3). Prerequisite: IND 3217. Intermediate projects in creative problem solving applied to both residential and contract interiors. Emphasis on graphic communication and presentation.

IND 4227r. Interior Design Studio III (3). Prerequisite: IND 4218. Advanced projects in creative problem solving with emphasis on programming, spatial analysis, and open-office systems.

IND 4228r. Interior Design Studio IV (3–6). Prerequisite: IND 4227r. Advanced application of the design process with emphasis on individual professional objectives and procedures for portfolio presentation. May be repeated to a maximum of six (6) semester hours.

IND 4260. Business Practices (3). Prerequisite: IND 4227. This course involves advanced analysis and research into the theory and philosophy of professional interior design practice.

IND 4601. Sociological and Psychological Aspects of Design (3). An exploration of the relationship between humans and their environment through the study of personal and social use of space, proxemics, spatial analysis, and the effects of the environment on human behavior.

IND 4905r. Directed Individual Study (1–3). (S/U grade only.) Student has the opportunity to pursue independent work in the area of delineation or resources under the direction of a faculty member. May be repeated to a maximum of twelve (12) semester hours.

IND 4947r. Internship (1–3). Student has the opportunity to pursue experience with design firm or other related field under the direction of a faculty member. May be repeated to a maximum of twelve (12) semester hours.

IND 4970r. Honors in the Major (3). For honors credit, the Department of Interior Design requires a two-term honors program consisting of six (6) thesis or project hours to be counted towards elective credit. Upon meeting The Florida State University’s requirements for honors courses, the student will pursue independent creative and academic research as part of the undergraduate program.

Other Courses

IND 3003. Survey of Interior Design (3). For nonmajors. A survey of the elements and principles of interior design to create an awareness of the made environment and a comprehensive appreciation of design.

IND 3205. Dimensional Design (3). Exercises and experiences in fundamental design problems, with application of basic elements and principles of design. Creative studio projects in two and three dimensional design building on the graphic and technical design process.

IND 3306. Interior Design Graphics (3). Graphical presentation techniques, including 1-point and 2-point perspective refinement and computer application.

IND 3404. Technical Design (3). Introduction to basic technical aspects of interior design. Emphasis on basic drafting skills, drawing types, visualizations, and other essential technical systems in interiors.

IND 3525r. Portfolio Review I (2). (S/U grade only.) A faculty review of all student work during the first semester. All students must register for this course in their first semester of registration in design. The course is based upon a knowledge of interior finish materials and internship preparation involving development of a professional portfolio. Satisfactory completion is required for continuation in the program.

IND 3590r. Design Process (3). (S/U grade only.) The process of creative problem solving with an emphasis on application to the design process, programming, and spatial analysis of space.

IND 3949r. Cooperative Education in Interior Design (0). (S/U grade only.) Prerequisite: IND 3306. Preparation for internship. Student employment in interior design.

IND 4302. Interior Design Graphics II (3). Prerequisite: IND 3306. Pencil and ink techniques used in sketching, rendering and design drawing, with an emphasis on schematics used in problem solving.

IND 4311r. Interior Design Graphics IV (1–3). Advanced specialized study of contemporary graphic communication techniques with emphasis on individual professional objectives. May be repeated to a maximum of six (6) semester hours.

IND 4424. Technical Design II (3). Prerequisite: IND 4404. Lecture and studio course covering materials, construction, and working drawings. The focus is on structure, interior materials, millwork, finishes, hardware, and specifications. Drafting and working drawings are emphasized.

IND 4431r. Technical Design III (3). Prerequisite: IND 4424. Advanced technical aspects of interior design. Emphasis on lighting, electrical plans, reflected ceiling plans, measurements, and acoustics. May be repeated to a maximum of six (6) semester hours.

IND 4461r. Technical Design IV (3). Prerequisite: IND 4424. Computer-aided design and drafting (CADD). Emphasis on creation of interior design technical and presentation drawings using computers. May be repeated to a maximum of six (6) semester hours.

IND 4521. Portfolio Review II (1). (S/U grade only.) A faculty review of all student work during the third semester. All students must register for this course during the same semester they register for IND 4227r, Interior Design Studio III. Continuation in the program is dependent upon a satisfactory grade in this review.

IND 4522. Portfolio Review III (1). (S/U grade only.) A faculty review of all student work after completion of the program. All students must register for this course at the same time as IND 4228r, Interior Design Studio IV. The conferring of a degree in interior design is dependent upon a satisfactory grade in this review.

IND 4602r. Design Process III (3). Advanced analysis and research into the theory, philosophy, and professional practice of interior design concepts. May be repeated to a maximum of six (6) semester hours.

IND 4603r. Design Process IV (3). Prerequisite: IND 4601. Advanced specialized study in creative problem solving and research of the design process with emphasis on individual professional objectives. May be repeated to a maximum of twelve (12) semester hours.

Graduate Courses

IND 5005. Survey of Interior Design (5).

IND 5105r. History of Interiors Seminar I (3).

IND 5135r. History of Interiors Seminar II (3).

IND 5165r. History of Interiors Seminar III (3).

IND 5175. History of Designers (2–4).

IND 5239r. Graduate Studio I (4).

IND 5239r. Graduate Studio II (4).

IND 5311r. Design Graphics I (1–4).

IND 5317r. Design Graphics II (4).

IND 5425r. Graduate Technical Design (4).

IND 5435r. Graduate Lighting Seminar (4).

IND 5556. Graduate Portfolio Review II (1). (S/U grade only.)

IND 5558. Graduate Portfolio Review I (1). (S/U grade only.)

IND 5609. Graduate Seminar: Social-Psychological Aspects of Design (3).

IND 5636. Graduate Seminar: Design Theory and Criticism (3).

IND 5637. Graduate Seminar: Research Methods in Design (3).

IND 5638. Graduate Seminar: Design Issues (3).

IND 5910r. Directed Individual Study I (1–3). (S/U grade only.)

IND 5911r. Supervised Research I (1–5). (S/U grade only.)

IND 5930r. Special Topics in Interior Design (1–4).

IND 5944r. Field Research in Space Organization (1–8).

IND 5945r. Supervised Teaching (1–3). (S/U grade only.)

IND 5948r. Graduate Internship (1–3). (S/U grade only.)

IND 5971r. Thesis (1–6). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Program in
INTERNATIONAL AFFAIRS

COLLEGE OF SOCIAL SCIENCES

Director: Burton M. Atkins, Department of Political Science

The departments of Anthropology, Economics, Geography, History, Modern Languages, Philosophy, Political Science, Religion, Sociology, Urban and Regional Planning, as well as the School of Public Administration and Policy, cooperate in the offering of an interdepartmental major and minor at the undergraduate level. The program is designed to equip students with a fundamental knowledge of the field of international affairs, to acquaint them with the basic methods and tools of the field, and to provide a basis for intelligent observation of international affairs. Employment opportunities are to be found in government service, international organizations (public, private, or non-profit), business, journalism, and teaching.

Requirements for a Major in International Affairs

Majors in international affairs must complete a minimum of thirty-nine (39) semester hours beyond the liberal studies requirements, with a grade of “C-” or better in each course. A minimum cumulative grade point average (GPA) of 2.0 in all course worked applied to the major must be maintained. All courses counted toward the international affairs major must come from the approved list of courses in the participating departments (see below). Coursework must be selected from at least three (3) participating departments. A minimum of twelve (12) semester hours, maximum of eighteen (18) semester hours must be in one department for a departmental concentration. Students may choose to obtain either a bachelor of arts (BA) degree or a bachelor of science (BS) degree, but in both cases must meet the modern foreign language requirement for the bachelor of arts (BA) degree. At least eighteen (18) semester hours must be above 2999. A maximum combined total of twelve (12) semester hours in internship, directed individual study, or upper-division honors in the major may be credited to the major.

Majors must also complete the basic university computer competency requirement. CGS 2060 with a grade of “C-” or better will satisfy this requirement.

Students are advised to coordinate their course work with foreign language study, focusing on a regional concentration (e.g., Africa, the Middle East, East or South Asia, Russia, Eastern and Central Europe, Western Europe, or Latin America). Majors are encouraged to include such courses as INR 2002, ECO 2013 and 2023, GEA 1000, and WOH 1030 among the courses they take to fulfill the liberal studies requirements (if those courses are taken to fulfill the liberal studies requirements, however, they cannot also be counted toward the major requirements).

In addition to a 2.0 overall GPA all students must meet “mapping” requirements. See http://academic-guide.fsu.edu for more information.

Business Option

A major in international affairs with an emphasis in business may be selected. This option combines regular international affairs courses with a planned series of business courses with a multinational focus. Students interested in pursuing this option must have prior approval of the director of international affairs. Students are registered in the business courses on a seats available basis. For this reason, approval to pursue the business option must be re-evaluated each semester.

Students pursuing the business option select a minimum of twenty-one (21) semester hours from the approved list for the major, excluding courses from the department of economics. The remaining courses come from a pre-selected sequence of business courses in one of two tracks (marketing or finance). ECO 2013 and ECO 2023 are required prerequisite courses for the emphasis. The finance track requires an additional prerequisite course, ACG 2021. Students should seek advising, declare intent and have approval reevaluated each semester by the international affairs program adviser in 211 Bellamy.

Study Abroad

Students majoring in international affairs are strongly encouraged to participate in the program’s summer curriculum offered in Europe. For more information about the European summer program for international affairs majors, contact the Office of International Programs.

Students should consult with the international affairs director about any other study abroad programs they wish to pursue. Coursework taken in overseas locations must be approved in advance for credit toward the major.

Internship

The Program in International Affairs encourages students to take advantage of internships with agencies and businesses in Florida’s capital that work in the international arena. International affairs students can also take advantage of internships in Washington D.C. through the Washington Center Program, and in The Republic of Panama through FSU-Panama. Most significantly, international affairs students can apply for one of the several prestigious internships in London, where we place our students in Parliament, the American Embassy, Amnesty International, NBC, the Associated Press, the British-American Chamber of Commerce and other significant organizations. All application materials must be submitted and all internships must be approved the semester before the internship takes place. See the IA program adviser in 211 Bellamy for further information.

Honors in the Major

The Program in International Affairs offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Double Majors

Majors in international affairs may also major in disciplines represented by the participating departments. These double majors, however, may only count nine (9) semester hours of course work toward both of their majors. For example, a double major in international affairs and economics may count ECO 4704, 4713, and ECS 4013 toward a major in international affairs and a major in economics. Any additional economics courses that are counted toward the international affairs major (up to a maximum of eighteen [18] semester hours), however, must also be counted towards the economics major.

Requirements for a Minor in International Affairs

A minor consists of eighteen (18) semester hours beyond the liberal studies requirements with grades of “C-” or better. Work must be taken in at least three (3) participating departments, and all those courses must be from the approved list of courses below. Modern Language courses numbered above 2999 may count toward the minor. Nine (9) of the eighteen (18) semester hours must be numbered above 2999.

A maximum of six (6) semester hours of directed individual studies or internship credits may apply to the minor.

Approved Courses

Descriptions of individual courses can be found under the departments in which they are taught.

Note: In addition to the courses listed below, special topics courses may be approved by the program director in any particular term. Students may visit the program office, located in Bellamy 211, for information about these listings. Once enrolled in such a course, students should contact the office to have a course approval memo for their student file.

Anthropology

ANT 2410 Introduction to Cultural Anthropology (3)
ANT 3141 World Prehistory (3)
ANT 3212 Peoples of the World (3)
ANT 4241 Anthropology of Religion (3)
ANT 4274 Political Anthropology (3)
ANT 4302 Sex Roles in Cross-Cultural Perspective (3)
ANT 4309 Conquest of the Americas (3)
ANT 4323 Peoples and Cultures of Mexico and Central America (3)
ANT 4337 Peoples and Cultures of Amazonia (3)
ANT 4352 Peoples and Cultures of Africa (3)
ANT 4362 Peoples and Cultures of Southeast Asia (3)
ANT 4363 Japanese Society and Culture (3)
ANT 4364 Chinese Society and Culture (3)
### Economics

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<tr>
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<tr>
<td>ECO 2000</td>
<td>Introduction to Economics (3)</td>
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<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics (3)</td>
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<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics (3)</td>
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<tr>
<td>ECO 3303</td>
<td>History of Economic Ideas (3)</td>
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<tr>
<td>ECO 3622</td>
<td>Growth of American Economy (3)</td>
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<tr>
<td>ECO 4704</td>
<td>International Trade (3)</td>
</tr>
<tr>
<td>ECO 4713</td>
<td>International Finance (3)</td>
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<tr>
<td>ECP 3113</td>
<td>Economics of Population (3)</td>
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<tr>
<td>ECP 3302</td>
<td>Economics of Natural Resources, Energy and the Environment (3)</td>
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<tr>
<td>ECP 3322</td>
<td>Economics of Living Marine Resources (3)</td>
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<tr>
<td>ECS 3003</td>
<td>Comparative Economic Systems (3)</td>
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<tr>
<td>ECS 4013</td>
<td>Economics of Development (3)</td>
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<tr>
<td>ECS 4333</td>
<td>Transition of Soviet and Eastern European Economies (3)</td>
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### Geography

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<td>GEA 1000</td>
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<td>GEA 2210</td>
<td>United States and Canada (3)</td>
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<td>GEA 3173</td>
<td>Third World in Film (3)</td>
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<tr>
<td>GEA 3563</td>
<td>The Mediterranean (3)</td>
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<td>GEA 3704</td>
<td>East and Southeast Asia (3)</td>
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<td>GEA 4405</td>
<td>Latin America (3)</td>
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<td>GEA 4500</td>
<td>Europe (3)</td>
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<td>GEA 4520</td>
<td>Britain and Ireland (3)</td>
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<td>GEA 4554</td>
<td>Russia and Southern Eurasia (3)</td>
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<td>GEO 1331</td>
<td>Environmental Science (3)</td>
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<td>GEO 1400</td>
<td>Human Geography (3)</td>
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<td>GEO 3540</td>
<td>Economic Geography (3)</td>
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<tr>
<td>GEO 4340</td>
<td>Living in a Hazardous Environment (3)</td>
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<tr>
<td>GEO 4357</td>
<td>Environmental Conflict and Economic Development (3)</td>
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<td>GEO 4372</td>
<td>Natural Resource Assessment and Analysis (3)</td>
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<tr>
<td>GEO 4403</td>
<td>Global Change, Local Places (3)</td>
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<tr>
<td>GEO 4420</td>
<td>Cultural Geography (3)</td>
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<td>GEO 4471</td>
<td>Political Geography (3)</td>
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<td>GEO 4480</td>
<td>Military Geography (3)</td>
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<tr>
<td>GEO 4602</td>
<td>Urban Geography (3)</td>
</tr>
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</table>

### History

All history courses are on the list of courses approved for international affairs majors except those courses with the AMH (American History) or the HIS prefix. Only two AMH courses and one HIS course are on the approved list for international affairs majors, namely:

- **AMH 3544** The United States and Vietnam 1941–1975 (3)
- **AMH 4510** United States Foreign Relations to 1900 (3)
- **AMH 4511** Twentieth-Century United States Foreign Relations (3)
- **HIS 4250** War and the Nation State (3)

### Modern Languages

Those credit hours earned by taking courses to fulfill the modern language requirement (which must be met by all international affairs majors) cannot be counted toward the international affairs major. Students may, however, earn credit toward the major for additional courses in modern languages. For a departmental concentration in modern languages, students must have a minimum of twelve (12) semester hours of advanced-level course work in one language including two courses in culture and/or literature.

### Philosophy

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<tr>
<th>Course</th>
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<td>PHI 3420</td>
<td>Philosophy of the Social Sciences (3)</td>
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<tr>
<td>PHM 3331r</td>
<td>Modern Political Thought (3)</td>
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<tr>
<td>PHM 3400</td>
<td>Philosophy of Law (3)</td>
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<tr>
<td>PHM 4340r</td>
<td>Contemporary Political Thought (3)</td>
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### Political Science

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<td>CPO 2002</td>
<td>Introduction to Comparative Government and Politics (3)</td>
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<td>CPO 3034</td>
<td>Politics of Developing Areas (3)</td>
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<td>CPO 3103</td>
<td>Comparative Government and Politics: Western Europe (3)</td>
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<td>CPO 3123</td>
<td>Comparative Government and Politics: Great Britain (3)</td>
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<td>CPO 3303</td>
<td>Politics of Latin America (3)</td>
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<td>CPO 3403</td>
<td>Comparative Government and Politics: The Middle East (3)</td>
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<td>CPO 3512</td>
<td>Political Development in East Asia (3)</td>
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<td>CPO 3520</td>
<td>Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3)</td>
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<td>CPO 3541</td>
<td>Politics of China (3)</td>
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<td>CPO 3553</td>
<td>Politics of Japan (3)</td>
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<td>CPO 3614</td>
<td>East European Politics (3)</td>
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<td>Special Topics in Comparative Government and Politics (1–3)</td>
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<td>CPO 4057</td>
<td>Political Violence (3)</td>
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<td>INR 2002</td>
<td>Introduction to International Relations (3)</td>
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<td>INR 3004</td>
<td>Geography, History, and International Relations (3)</td>
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<td>INR 3502</td>
<td>International Organization (3)</td>
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<td>INR 3603</td>
<td>Theories of International Relations (3)</td>
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<td>INR 3771</td>
<td>Domestic Politics and International Relations (3)</td>
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<td>INR 3933</td>
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<td>INR 4075</td>
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<td>INR 4078</td>
<td>Confronting Human Rights Violations (3).</td>
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<td>International Conflict (3)</td>
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<td>INR 4102</td>
<td>American Foreign Policy (3)</td>
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<td>INR 4124</td>
<td>Statecraft (3)</td>
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<td>INR 4244</td>
<td>Studies in International Politics: Latin America (3)</td>
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<td>INR 4274</td>
<td>Studies in International Politics: The Middle East (3)</td>
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<td>INR 4334</td>
<td>American Defense Policy (3)</td>
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<td>Political Economy of International Relations (3)</td>
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### Religion

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<tr>
<td>REL 1300</td>
<td>Introduction to World Religions (3)</td>
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<td>REL 2315</td>
<td>Religions of South Asia (3)</td>
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<td>REL 2350</td>
<td>Religions of East Asia (3)</td>
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<td>REL 3170</td>
<td>Religious Ethics and Moral Problems (3)</td>
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<td>REL 3194</td>
<td>The Holocaust (3)</td>
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<td>REL 3335</td>
<td>Hindu Texts and Contexts (3)</td>
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<td>REL 3337</td>
<td>Goddesses, Women and Power in Hinduism (3)</td>
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<td>REL 3340</td>
<td>The Buddhist Tradition (3)</td>
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<td>REL 3358</td>
<td>Tibetan and Himalayan Religions (3)</td>
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<td>REL 3363</td>
<td>The Islamic Tradition (3)</td>
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<td>REL 3375</td>
<td>Afro-Caribbean Religions (3)</td>
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<td>REL 3505</td>
<td>The Christian Tradition (3)</td>
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<td>The Jewish Tradition (3)</td>
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<td>REL 4333</td>
<td>Modern Hinduism (3)</td>
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<td>REL 4359r</td>
<td>Special Topics in Asian Religions (3).</td>
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<td>REL 4541</td>
<td>Modern Protestantism (3)</td>
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<td>REL 4564</td>
<td>Modern Roman Catholicism (3)</td>
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<td>Modern Judaism (3)</td>
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### Sociology

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<tr>
<td>SYD 3020</td>
<td>Population and Society (3)</td>
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<td>SYG 1000</td>
<td>Introductory Sociology (3)</td>
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<td>SYG 2010</td>
<td>Social Problems (3)</td>
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<td>SYO 3530</td>
<td>Social Classes and Inequality (3)</td>
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<td>SYO 4300</td>
<td>Sociology of Politics (3)</td>
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<td>SYO 4550</td>
<td>Comparative Sociology (3)</td>
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<td>SYP 3454</td>
<td>Global Justice Movements (3)</td>
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### Urban and Regional Planning

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<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development (3)</td>
</tr>
<tr>
<td>URP 4402</td>
<td>Sustainable Development Planning in the Americas (3)</td>
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<tr>
<td>URP 4618</td>
<td>Planning for Developing Regions (3)</td>
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<tr>
<td>URS 1006</td>
<td>World Cities: Quality of Life (3)</td>
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</table>

### Definition of Prefixes

- **INR**—International Relations
- **PAX**—Peace Studies
Undergraduate Courses

INR 3931r. Special Topics (1–3). (S/U grade only.) Topics vary. May be repeated as topics change to a maximum of nine (9) semester hours.

INR 3932r. Special Topics in International Affairs (1–3). Topics vary. May be repeated as topics change to a maximum of nine (9) semester hours.

INR 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

INR 4937r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

INR 4941r. Internship (3–6). (S/U grade only.) Prerequisites: Fifteen (15) semester hours beyond liberal studies, a cumulative GPA of 3.0 or higher, and permission of the instructor the semester in advance. Internship placements in approved agencies and organizations. Designed to provide practical experience in the area of international affairs. May be repeated to a maximum of six (6) semester hours.

PAX 3100. Peace, Justice, and Conflict (3). This course is designed as an introduction to the academic field of peace studies. It begins with a discussion of traditional approaches to the problem of international war. It then turns to an analysis of the differences between “negative peace,” or the absence of international war, and “positive peace,” which refers to not only the absence of war, but also to the presence of social, economic, and political justice. The course concludes with a discussion of contrasting views of alternative world futures.

PAX 3300. Poverty and Inequality in the Global System (3). This course deals with the social, political, and economic issues which have polarized the world into the “have” and “have not” nations. Special attention in this course is given to the problems and perspectives of the third world: poverty, economic resources, cultural and political conditions, population growth, food, social service needs, the impact of technology and new modes of communication, developments in educational reform, problems of social change, and the role of third world countries in world politics.

INR 3930r. Special Topics in Peace Studies (3). Topics vary. May be repeated to a maximum of fifteen (15) semester hours.

INR 3940. Practicum in Peacemaking (3). (S/U grade only.) Prerequisite: At least one PAX course. Corequisite: 2.5 GPA. Field assignment for work with such agencies as Pax Christi, Florida Clearinghouse for Criminal Justice, Amnesty International, The Tallahassee Peace Coalition, etc.

Graduate Courses

INR 5012. Problems of Globalism (3).

INR 5906r. Directed Individual Study (1–3). (S/U grade only.)

INR 5910r. Supervised Research (1–3). (S/U grade only.)

INR 5935r. Special Topics (1–3). (S/U grade only.)

INR 5936r. Special Topics in International Affairs (1–3).

INR 5938. Joint Seminar in International Affairs (3).

PAX 5105. Peace, Justice, and Conflict (3).

PAX 5305. Poverty and Inequality in the Global System (3).

PAX 5907r. Directed Individual Study (1–3). (S/U grade only.)

PAX 5938r. Special Topics in Peace Studies (3).

For listings relating to graduate course work for thesis, master’s comprehensive examination, and thesis defense, consult the Graduate Bulletin.

INTERNATIONAL/INTERCULTURAL DEVELOPMENT

EDUCATION:

see Educational Leadership and Policy Studies

ITALIAN:

see Modern Languages and Linguistics

Interdepartmental

ITALIAN STUDIES FLORENCE CENTER MINOR

COLLEGE OF ARTS AND SCIENCES

Coordinator: James E. Pitts (International Programs)

The Italian Studies Florence Center Minor is concerned with the culture of Italy from ancient times to the present. The minor is built around the student’s program of studies at The Florida State University Florence Study Center, allowing the student to pursue the minor before, during, and after the student attends the Florence Program. The minor gives greater focus to, and enhances the quality of, the student’s program of studies in Italy. The sojourn in Florence is the essential element in the minor, providing direct involvement in contemporary Italian civilization as well as exposure to Italy’s historical cultural artifacts.

Requirements for a Minor in Italian Studies

The interdepartmental minor requires the completion of fifteen (15) semester hours in courses approved by the Italian Studies Florence Center Minor coordinating committee. At least nine (9) semester hours of approved courses must be taken while the student is in residence at the Florence Study Center. A maximum of nine (9) semester hours may be counted in any single academic discipline. Students who intend to minor in Italian studies should declare this intention with the Director of Student Services of International Programs at the end of his/her semester in Florence.

The student must have completed at least three (3) semester hours (or the equivalent) in elementary Italian prior to attending the Florence center. A minimum grade of “C-” must be earned for all courses taken for the minor. In addition, a minimum cumulative grade point average of 2.0 must be maintained in all courses counted toward the minor.

Core Courses

These courses will be counted in the minor whether they are taken on the Tallahassee campus or in Florence. Descriptions of these courses can be found under the individual departments in which they are taught:

**ARH 3150** Art and Archaeology of Ancient Italy (3)
**ARH 4120** Etruscan Art and Archaeology (3)
**ARH 4151** Art and Archaeology of the Early Roman Empire (3)
**ARH 4304** History of Renaissance Architecture (3)
**ARH 4310** Early Italian Renaissance Art: 15th Century (3)
**ARH 4312** Later Italian Renaissance Art: 16th Century (3)

**PAX 4005r.** Directed Individual Study (1–3). Prerequisite: At least one PAX course; Corequisite: 2.5 GPA. Supervised reading and research on selected topics in peace studies. May be repeated to a maximum of six (6) semester hours.

**PAX 5907r.** Directed Individual Study (1–3). (S/U grade only.)
inclusion in the minor. In addition, special topics courses offered on The Florida State University campus on a one-time basis may be counted if the Coordinating Committee approves them. To have such courses considered, petition the Coordinating Committee, University Center A5500, Tallahassee, FL, 32306-2420.

**Program in LATIN AMERICAN AND CARIBBEAN STUDIES**

**COLLEGE OF ARTS AND SCIENCES**

Interim Director: Maricarmen Martinez (Humanities); Cooperating Colleges, Schools, and Departments: Anthropology, Art History, Business, Communication, Economics, English, Geography, History, Humanities, Modern Languages and Linguistics, Music, Philosophy, Political Science, Religion, Sociology, Theater, and Urban and Regional Planning.

The Program in Latin American and Caribbean Studies (LACS) is designed to inspire and develop knowledge and experience of the region. Interdisciplinary by design, cooperating departments and several concentrations support innovative blends of teaching and research with the goal of providing undergraduates a solid grasp of Latin America’s present and past, and emphasizing major aspects of the region’s unique structures. Additionally, majors and minors are encouraged to participate in the related programs in Costa Rica and Panama. As the intellectual home for an interdisciplinary community of scholars, students and visitors, LACS supports a range of research and teaching, amid a broader array of sponsored lectures, cultural events, and internships.

Depending on the areas of emphasis selected, and the complementary major or minor, the baccalaureate program may be viewed as preparation for graduate school in various fields or as leading to professions in government and international service, multinational commerce, law, teaching, and translation.

For more information, please refer to [http://www.fsu.edu/~lacs](http://www.fsu.edu/~lacs).

**Requirements for a Major in Latin American and Caribbean Studies**

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

The major consists of thirty (30) semester hours beyond the liberal studies requirement to be selected from the approved list of courses taught by the core and affiliated faculty. At least three disciplines must be represented in those courses selected. At least twelve (12) of the total major hours must be at or above the 4000 level. Students also must complete the initial sequence or equivalent of Spanish, Portuguese or another relevant language approved by the adviser. (This also may be used to satisfy the language requirement of the College of Arts and Sciences.)

**Note:** A grade of “C” or better must be earned in a course in order for it to count toward a major or minor in Latin American and Caribbean Studies.

**Required Minor or Second Major**

Students in the major should select a minor or second major after consultation with their adviser; normally it should be in one of the participating departments or schools. Consult the specific department or school concerning its requirements. A minor is not required if the student is pursuing a second major.

**Admission**

To be admitted into the program, students must complete at least fifty-two (52) semester hours with an adjusted GPA of 2.0 on all University coursework, and at least eighteen (18) of the required thirty-six (36) total semester hours in liberal studies, including freshman English and mathematics.

**Honors in the Major**

The program offers honors in the major. For requirements and other information, refer to the “University Honors Office and Honor Societies” chapter in this General Bulletin.

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**Minor in Latin American and Caribbean Studies**

The program offers a four-course minor in Latin American and Caribbean Studies for students majoring in another discipline. The minor is designed for those students who wish to concentrate their work in a major discipline yet maintain a Latin American concentration.

**Approved Courses**

The major coursework consists of thirty (30) semester hours (beyond the liberal studies requirement) that are to be selected from, but not necessarily limited to, courses listed below.

**Anthropology**

- ANT 4163 - Mesoamerican Archaeology (3)
- ANT 4166r - Regional Civilizations in Ancient Mesoamerica (3)
- ANT 4167 - Maya Hieroglyphic Writing (3)
- ANT 4227r - Topics in Pre-Columbian Art and Iconography (3)
- ANT 4309 - Conquest of the Americas (3)
- ANT 4323 - Peoples and Cultures of Mexico and Central America (3)
- ANT 4337 - Peoples and Cultures of Amazonia (3)

**Art History**

- ARHr 3800 - Methods of Art Criticism (3)*
- ARH 4523 - West African Art and the Diaspora: Brazil, Haiti, the United States and Suriname (3)*

**Business**

- FIN 3244 - Financial Markets, Institutions, and International Finance Systems (3)*
- FIN 4604 - Multinational Financial Management (3)*
- MAN 3600 - Multinational Business Operations (3)*
- MAN 4605 - Cross-Cultural Management (3)*
- MAR 4156 - Multinational Marketing (3)*

**Communication**

- ADV 3410 - Hispanic Marketing Communication (3)
- ADV 3410 - Hispanic Marketing Communication (3)
- ADV 3410 - Hispanic Marketing Communication (3)
- ADV 3410 - Hispanic Marketing Communication (3)

**Economics**

- ECO 4704 - International Trade (3)*
- ECO 4713 - International Finance (3)*
- ECS 4013 - Economics of Development (3)

**English**

- AML 3630 - Latino/Latina Literature in English (3)
- AML 3682 - American Multi-Ethnic Literature (3)*
- AML 4680r - Studies in Ethnic Literature (3)*

**Geography**

- GEA 4405 - Latin America (3)

**History**

- AMH 4511 - Twentieth Century United States Foreign Relations (3)*
- LAH 3411 - History of Mexico, Central America and the Caribbean (3)
- LAH 3456 - History of Panama Since 1940 (3)
- LAH 3500 - History of South America (3)
- LAH 3734 - Latin American History Through Film (3)
- LAH 4430 - History of Mexico (3)
- LAH 4470 - History of the Caribbean (3)
- LAH 4600 - History of Brazil (3)
- LAH 4723 - Race and Class in Colonial Latin America (3)
- LAH 4748 - Social Revolutionary Movements in Latin America (3)

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**JAPANESE:**

See Asian Studies; Modern Languages and Linguistics

**LATIN:**

See Classics
# Latin American and Caribbean Studies

**Humanities**

**HUM 3321** Multicultural Dimensions of Film and 20th Century Culture (3)*  
**HUM 3324** Cultural Imperialism (3)*

**Latin American and Caribbean Studies**

**LAS 4905r** Directed Individual Study (3)  
**LAS 4935r** Honors Work (3)  
**LAS 4940r** Internship in Latin American and Caribbean Studies (1–6).

**Modern Languages and Linguistics**

**POR 3140** Portuguese for Advanced Students of Spanish I (3)  
**POR 3141** Portuguese for Advanced Students of Spanish II (3)  
**PRT 3391r** Brazilian Literature and Film in Translation (3)  
**SPN 3332** Communication in Language and Culture I (3)  
**SPN 3333** Communication in Language and Culture II (3)  
**SPN 3350** Spanish for Heritage Speakers (3)  
**SPN 3440** Language and Culture in Business (3)  
**SPN 3520** Cultures of Latin America (3)  
**SPN 4440** Business Writing in Spanish (3)  
**SPN 4540r** Regional Cultural Studies (3)*  
**SPN 4740** Hispanic Sociolinguistics (3)  
**SPT 3130** Latin American Literature in Translation (3)  
**SPW 3030** Approaching Hispanic Literature (3)  
**SPW 3132** Readings from Early Spanish America (3)  
**SPW 3391r** Hispanic Cinema (3)  
**SPW 3493** Readings from Modern Spanish America (3)  
**SPW 4140r** The Poetics of Hispanic Love and Violence (3)*  
**SPW 4150r** Transatlantic Encounters (3)  
**SPW 4301r** Hispanic Culture and Performance (3)*  
**SPW 4491** Spanish American Women Writers (3)  
**SPW 4770** Caribbean Literature (3)

**Music**

**MUH 4541** Music of Latin America I (3)  
**MUH 4542** Music of Latin America II (3)  
**MUH 4543** Music in the Caribbean (3)

**Political Science**

**CPO 3034** Politics of Developing Areas (3)*  
**CPO 3303** Politics of Latin America (3)  
**INR 4244** Studies in International Politics: Latin America (3)

**Religion**

**REL 3128r** Topics in Religion in the Americas (3)*  
**REL 3375** Afro-Caribbean Religions (3)  
**REL 4564** Modern Roman Catholicism (3)*

**Sociology**

**SYD 4700** Race and Minority Group Relations (3)*  
**SYO 3530** Social Class and Inequality (3)*  
**SYO 4550** Comparative Sociology (3)*  
**SYP 3400** Social Change (3)*

**Theater**

**THE 4432** Latin American and Caribbean Theater (3)

**Urban and Regional Planning**

**URP 4402** Sustainable Development Planning in the Americas (3)

All courses listed above that are marked with an asterisk (*) and additional special topics courses and senior seminars may count toward either a major or minor in Latin American and Caribbean Studies if the content deals in part with Latin America and the Caribbean, and assigned research papers are written on issues of the region. Students are advised to keep syllabi and research papers from these courses for verification purposes.

Note: descriptions of the above courses may be found under the individual departments in which they are taught.

**Definition of Prefix**

LAS—Latin American Studies

**Undergraduate Courses**

**LAS 4905r.** Directed Individual Study (3). May be repeated to a maximum of six (6) semester hours when content varies. Can be repeated within same semester.

**LAS 4935r.** Honors Work (3). Open to participants in the University and department honors program. Participation in a supervised research problem and the production of a paper describing the results of that work. May be repeated to a maximum of nine (9) semester hours.

**LAS4940r.** Internship in Latin American and Caribbean Studies (1-6). Prerequisites: Completion of sixty (60) semester hours; completion of fifteen (15) semester hours in LACS; an overall or LACS GPA of 3.0; and permission of the adviser a semester in advance. Internships in approved organizations provide practical experience in a number of fields, in which the student may apply interdisciplinary knowledge of the region and specific disciplinary training. May be repeated to a maximum of twelve (12) semester hours.
LAW

COLLEGE OF LAW


The College of Law educates students for the practice of law and develops in them the breadth of vision and qualities of character necessary for meeting the full responsibilities of the legal profession. Its aim is excellence in the preparation of students so that they will acquire the knowledge, comprehension, skills, and judgment essential to the performance of legal services in a complex and rapidly changing society. The College of Law prepares highly qualified graduates for positions as counselors, advocates, judges, law-oriented business persons, researchers, teachers, and philosophers of the law.

For further details of degree requirements, plus a description of the college and its opportunities, refer to the College of Law’s Web site at http://www.law.fsu.edu.

Definition of Prefix

LAW — Law

Graduate Courses

LAW 5000. Contracts I (2–3).
LAW 5001. Contracts II (2–3).
LAW 5300. Civil Procedure (4).
LAW 5400. Property I (2–3).
LAW 5402. Property II (2–3).
LAW 5501, 5502. Constitutional Law I, II (3, 3).
LAW 5700. Torts (4).
LAW 5792, 5793. Legal Writing and Research I, II (2, 2–3).
LAW 6010. Sales and Leases (2–3).
LAW 6020. Commercial Paper (2).
LAW 6030. Secured Transactions (2–3).
LAW 6035. Commercial Law Survey (1–4).
LAW 6060. Business Associations (4).
LAW 6062. Agency and Partnership (2–3).
LAW 6080. Insurance Law (2–3).
LAW 6235. Women and the Law (3).
LAW 6260. International Law (3).
LAW 6302. Federal Jurisdiction (3).
LAW 6310. Alternative Dispute Resolution (2–3).
LAW 6312. Mediation (3).
LAW 6315. Arbitration (3).
LAW 6321. Remedies (3).
LAW 6330. Evidence (4).
LAW 6420r. Land Transfer (2–3).
LAW 6430. Grantor Trusts (4).
LAW 6460. Land Use Regulation (3).
LAW 6470. Environmental Law (3).
LAW 6480r. Natural Resources Law (2–3).
LAW 6520. Administrative Law (1–4).
LAW 6524. Statutory Interpretation (3).
LAW 6530. Local Government Law (3).
LAW 6545. Employment Law Survey (3–4).
LAW 6550. Antitrust Law (2–3).
LAW 6555. Law and Economics (3).
LAW 6571. Intellectual Property I (2–3).
LAW 6572r. Intellectual Property II (2–3).
LAW 6600r. Taxation (3–4).
LAW 6610. Corporate Tax (2–4).
LAW 6618. Taxation of Business Entities (3).

LAW 6620. Estate and Gift Tax (3).
LAW 6670. Real Estate Transactions (3).
LAW 6702r. Products Liability (2–3).
LAW 6703. Advanced Torts (2–3).
LAW 6705. Worker’s Compensation (2–3).
LAW 6720r. Health Law and Policy (2–3).
LAW 6794. Writing Skills (3).
LAW 7036. Commercial Law Seminar (2).
LAW 7040. Consumer Law (2–3).
LAW 7050. Creditors’ Rights (3).
LAW 7054. Bankruptcy Policy Seminar (2).
LAW 7055. Corporate Reorganization (2).
LAW 7064. Corporate Finance (2–3).
LAW 7085. Banking Law (3).
LAW 7111. Constitutional Criminal Procedure I (2–3).
LAW 7113. Constitutional Criminal Procedure II (2–3).
LAW 7116. Florida Criminal Practice (2–3).
LAW 7215. Judicial Biography (2–3).
LAW 7227. American Legal History I (2–3).
LAW 7228. American Legal History II (2–3).
LAW 7229. American Legal History III (2–3).
LAW 7233. Cyber Law (2–3).
LAW 7236. Reproductive Rights (3).
LAW 7237. Diversity and the Constitution (2–3).
LAW 7245. Seminar in Law and Literature (2). (S/U grade only.)
LAW 7246. Lawyers and Literature (2–3).
LAW 7250. Comparative Law (2–3).
LAW 7252. Comparative Criminal Procedure (2–3).
LAW 7262. International Trade (2–3).
LAW 7264. Immigration Law (2–3).
LAW 7266. International Litigation (2).
LAW 7270. Native American Law (2–3).
LAW 7285. Spanish for Lawyers (2–3).
LAW 7303. Florida Practice (2).
LAW 7305. Litigation Seminar (2).
LAW 7307. Advanced Civil Procedure (2–3).
LAW 7311. Dispute Resolution Seminar (2).
LAW 7335. Evidence Seminar (2).
LAW 7340. Conflict of Laws (3).
LAW 7360. Trial Practice (2). (S/U grade only.)
LAW 7365. Arbitration Practice (2). (S/U grade only.)
LAW 7422. Commercial Transactions (2).
LAW 7424. Oil and Gas Law (2).
LAW 7451. Estate Planning (2).
LAW 7471. Environmental Torts (3).
LAW 7475. Coastal and Ocean Law (2–3).
LAW 7476. Law of the Sea (2–3).
LAW 7482. Endangered Species Protection Law (2–3).
LAW 7503. State Constitutional Law (3).
LAW 7504. Supreme Court Roleplay (2–3).
LAW 7510r. Civil Rights (2–3).
LAW 7511r. First Amendment (2–3).
LAW 7512. Church and State (2–3).
LAW 7515r. Disability Law (2–3).
LAW 7521. Florida Administrative Practice (2–3).
LAW 7549. Employment Discrimination (3).
LAW 7552. Economic Regulation of Business (2–3).
LAW 7560. Securites Regulation (3).
LAW 7565. Securities Litigation Seminar (2).
LAW 7575. Entertainment Law (2–3).
LAW 7581. Sports Law (2).
LAW 7613. Taxation of Business Entities II (2–3).
LAW 7660. Tax Policy (2).
LAW 7680r. International Tax (2–3).
LAW 7704r. Mass Tort Litigation (2–3).
LAW 7710. Family Law (3).
### Program in Law and Society

**College of Social Sciences**

**Director:** Robert E. Crew, Jr., Office of the Dean, College of Social Sciences

The Program in Law and Society offers an interdisciplinary study of the interaction of law and legal institutions and contemporary society. It is designed to provide an appreciation and recognition of the impact of law and legal institutions on society and the ways law is shaped by the values, behavior, and organization of social, economic, and political systems. Courses from the departments of Economics, Geography, Political Science, Urban and Regional Planning, and Sociology, as well as the School of Public Administration and Policy, are included. Students may minor in law and society or select a major concentration in law and society through the interdisciplinary social sciences major. The Program in Law and Society is appropriate for a variety of educational and occupational goals since the program provides an introduction to the links between law and other human activity and serves as a broad liberal education in the social sciences. Although prelaw students may enroll in law and society, the program is not a prelaw or preprofessional program, and a minor or major concentration in law and society is not offered as preparation for law school.

### Requirements for a Minor in Law and Society

A minor in law and society shall consist of at least five courses from the designated curriculum, including law and society (POS 3691), and either sociology of law (SYP 3540) or economics and the law (ECP 3451), as two of the five courses. The remaining three may be selected from the list of approved courses below.

### Requirements for a Major

A primary concentration in law and society is available in the social science interdisciplinary major. It consists of introduction to law and society (POS 3691), either economics and the law (ECP 3451) or sociology of law (SYP 3540), plus four other courses from the approved list of courses. To complete the social science major with a concentration in law and society, students shall be required to select two twelve (12) semester hour minors from two social science departments. One of the minors must be in economics, political science, or sociology, and students must select twelve (12) semester hours for the minor from a department’s courses included in the law and society curriculum. Students interested in the social science interdisciplinary major should refer to that departmental entry of this General Bulletin.

### Approved Courses

The following courses have been approved for the law and society program. In addition to the required courses, students shall select courses for the law and society minor and the law and society concentration in the social science major from this list. See the “Interdisciplinary Program in Social Science” chapter of this General Bulletin for course prerequisites. Descriptions of the following courses can be found under the individual departments in which they are taught.

**Economics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ECO 4504</td>
<td>Public Sector Economics (3)</td>
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<tr>
<td>ECO 4554</td>
<td>Economics of State and Local Government (3)</td>
</tr>
<tr>
<td>ECP 3302</td>
<td>Economics of Natural Resources, Energy, and the Environment (3)</td>
</tr>
<tr>
<td>ECP 3403</td>
<td>Business Organization and Market Structure (3)</td>
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<tr>
<td>ECP 3451</td>
<td>Economics and the Law (3)</td>
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</table>

**Law and Society**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>LAW 7716</td>
<td>Florida Dissolution of Marriage (2–3).</td>
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<tr>
<td>LAW 7722</td>
<td>Bioethics and the Law (3).</td>
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<tr>
<td>LAW 7723</td>
<td>Genetics, Ethics, Law and Policy (2–3).</td>
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<tr>
<td>LAW 7730</td>
<td>Admiralty Law (2–3).</td>
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<tr>
<td>LAW 7750</td>
<td>Professional Responsibility (3).</td>
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<tr>
<td>LAW 7760</td>
<td>Accounting and the Law (2–3).</td>
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<tr>
<td>LAW 7795</td>
<td>Advanced Writing Skills: Appellate Briefs (2).</td>
</tr>
<tr>
<td>LAW 7910r</td>
<td>Directed Individual Study (1–5). (S/U grade only.)</td>
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**ECP**

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<th>Course Code</th>
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<tbody>
<tr>
<td>ECP 4413</td>
<td>Government Regulation of Business (3)</td>
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<tr>
<td>ECP 4613</td>
<td>Urban Economics (3)</td>
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**Geography**

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<tr>
<td>GEO 4340</td>
<td>Living in a Hazardous Environment (3)</td>
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<tr>
<td>GEO 4372</td>
<td>Natural Resource Assessment and Analysis (3)</td>
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**Political Science**

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<th>Course Title</th>
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<tbody>
<tr>
<td>CPO 3123</td>
<td>Comparative Government and Politics: Great Britain (3)</td>
</tr>
<tr>
<td>POS 3122</td>
<td>State Politics (3)</td>
</tr>
<tr>
<td>POS 3691</td>
<td>Law and Society (3)</td>
</tr>
<tr>
<td>POS 4413</td>
<td>The American Presidency (3)</td>
</tr>
<tr>
<td>POS 4424</td>
<td>Legislative Systems (3)</td>
</tr>
<tr>
<td>POS 4606</td>
<td>The Supreme Court in American Politics (3)</td>
</tr>
<tr>
<td>POS 4624</td>
<td>The Supreme Court, Civil Liberties, and Civil Rights (3)</td>
</tr>
<tr>
<td>POT 3502</td>
<td>Politics and Ethics (3)</td>
</tr>
<tr>
<td>POT 4205</td>
<td>American Political Thought I (3)</td>
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<tr>
<td>POT 4206</td>
<td>American Political Thought II (3)</td>
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<tr>
<td>PUP 3002</td>
<td>Introduction to Public Policy (3)</td>
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**Public Administration and Policy**

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PAD 4603</td>
<td>Administrative Law (3)</td>
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**Sociology**

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<th>Course Code</th>
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<tr>
<td>SYD 4700</td>
<td>Race and Minority Group Relations (3)</td>
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<tr>
<td>SYG 2010</td>
<td>Social Problems (3)</td>
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<tr>
<td>SYO 3100</td>
<td>Family Problems and Social Change (3)</td>
</tr>
<tr>
<td>SYO 3530</td>
<td>Social Classes and Inequality (3)</td>
</tr>
<tr>
<td>SYO 4300</td>
<td>Sociology of Politics (3)</td>
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<tr>
<td>SYP 3540</td>
<td>Sociology of Law (3)</td>
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<tr>
<td>SYP 4570</td>
<td>Deviance and Social Control (3)</td>
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**Urban and Regional Planning**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>URP 4423</td>
<td>Introduction to Environmental Planning and Resource Management (3)</td>
</tr>
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</table>

**Other Courses**

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHM 3400</td>
<td>Philosophy of Law (3)</td>
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<tr>
<td>SOP 3751</td>
<td>Psychology and the Law (3)</td>
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</tbody>
</table>

Students may consult with Dr. Robert E. Crew, Director, Interdisciplinary Program in Social Science, for additional information.

**LEISURE SERVICES AND STUDIES:**

see Sport Management, Recreation Management and Physical Education
Interdepartmental LINGUISTICS MINORS
GRADUATE AND UNDERGRADUATE

COLLEGE OF ARTS AND SCIENCES
Curriculum Committee: Lara Reglero, Gretchen Sunderman and Michael Leeser (Modern Languages and Linguistics)

Linguistics is concerned with the study of the nature of language. There are linguistic applications in the areas of anthropology, sociology, psychology, mathematics, computer sciences, philosophy, and audiology and speech pathology.

Students (both undergraduate and graduate) who wish to minor in linguistics should choose a minor adviser from the members of the linguistics curriculum committee (listed above) who will help them in designing courses of study that fill their personal and professional needs.

Requirements for a Minor in Linguistics

Undergraduate
Undergraduate students in linguistics must take at least twelve (12) semester hours from the linguistics courses listed below; two of these must be core courses.

Core Courses
LIN 3041, 4030, 4040, 4512 or 4905.

Other Courses
ANT 4640; LIN 3710, 4930, 5772; PHI 3220; EXP 4640.
Note: Additional courses may count with approval of the departmental curriculum committee.

Graduate
Graduate students in linguistics must take at least fifteen (15) semester hours from the linguistics courses listed below; two of these must be core courses.

Core Courses
LIN 5035 or 5045, 5510.

Other Courses
LIN 5772, 5908r, 5932; SPN 5805.
Note: Additional courses may count with approval of the departmental curriculum committee.

LINGUISTICS:
see also Modern Languages and Linguistics; Anthropology; Communication Disorders; English; and Psychology

Department of MANAGEMENT

COLLEGE OF BUSINESS
Chair: Bruce T. Lamont; Professors: Ferris, Fiorito, Lamont, Martinko, Perrewé, Stepina; Associate Professors: Combis, Douglas, Hochwarter, Matherly; Assistant Professors: Humphrey, Ranft, Van Iddekinge; Associate in Management: O’Connor, Ryals, Simmons, Trammel; Assistant in Management: Diez-Arguelles; Frances Eppes Professor of Management: Ferris; J. Frank Dame Professor of Management: Fiorito; Carl DeSantis Professor of Business Administration: Lamont; Bank of America Professor of Business Administration: Martinke; Jim Moran Professor of Business Administration: Perrewé

The management curricula provide students with an understanding of the nature of managerial work, including both the art and the science of managing. The curricula emphasize the management of human resources, as well as strategic planning, managerial problem solving, and decision making. Within the management degree program, students choose to major in general management or human resource management consistent with their specific interests. The overall objective of these curricula is to prepare students for entry-level positions in small and large organizations, leading to line or staff management careers in either the public or private sector. Many graduates enter jobs as managerial associates, sales associates, or human resource professionals.

State of Florida Common Course Prerequisites
The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071;
3. CGS X100*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or QMB X100.
Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

General Business Core Requirements
All general management majors must complete the following five (5) courses. A grade of “C-” or better must be earned in each course.
BUL 3310 The Legal Environment of Business (3).
FIN 3403 Financial Management of the Firm (3).
GEB 3213 Business Communications (3).
MAN 3240 Organizational Behavior (3).
MAR 3023 Basic Marketing Concepts (3).

General Business Breadth Requirements
All general management majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C-” or better.
MAN 4720 Strategic Management and Business Policy (3).
Plus four (4) electives from the following list of courses:
HFT 3240 Managing Service Organizations (3).
ISM 3011 Introduction to Management Information Systems (3).
MAN 3504 Services Operations Management (3).
MAN 3600 Multinational Business Operations (3)
MAR 3700 Professional Selling (3).
QMB 3200 Quantitative Methods for Business Decisions (3).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Major Area Requirements
All general management majors must complete six (6) courses as listed below. A grade of “C-” or better must be earned in each course used to satisfy the general management major area requirements.
**Requirements for a Major in Human Resource Management**

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for human resource management majors; 3) the general business core requirements for human resource management majors; 4) the general business breadth requirements for human resource management majors; and 5) the major area requirements for human resource management majors.

**Note:** To be eligible to pursue a human resource management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

**General Business Core Requirements**

All human resource management majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

- **MAN 4301** Human Resource Management (3).
- **MAN 4701** Business and Society (3).
- **MAN 4752** Competitive Dynamics (3).
- Plus four (4) electives from the following list of courses:
  - **MAN 4143** Contemporary Leadership Challenges (3).
  - **MAN 4401** Management of Labor and Industrial Relations (3)
  - **MAN 4441** Negotiation and Conflict Management (3).
  - **MAN 4605** Cross Cultural Management (3).
  - **MAN 4930r** Special Studies in Business (3).

**General Business Breadth Requirements**

All human resource management majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

- **MAN 4720** Strategic Management and Business Policy (3).
- Plus four (4) electives from the following list of courses:
  - **FIN 3244** Financial Markets, Institutions, and International Finance Systems (3).
  - **HFT 3240** Managing Service Organizations (3).
  - **ISM 3011** Introduction to Management Information Systems (3).
  - **MAN 3504** Services Operations Management (3).
  - **MAN 3600** Multinational Business Operations (3).
  - **MAR 3700** Professional Selling (3).
  - **QMB 3200** Quantitative Methods for Business Decisions (3).
  - **REE 3043** Real Estate (3).
  - **RMI 3011** Risk Management/Insurance (3).

**Major Area Requirements**

All human resource management majors must complete five (5) courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the human resource management major area requirements.

- **MAN 4301** Human Resource Management (3).
- **MAN 4320** Staffing (3).
- **MAN 4350** Training and Development (3).
- **MAN 4390** Current Issues in Human Resource Management (3).
- Plus one (1) elective from the following list of courses:
  - **MAN 4401** Management of Labor and Industrial Relations (3)
  - **MAN 4441** Negotiation and Conflict Management (3).
  - **MAN 4605** Cross Cultural Management (3).

**Definition of Prefixes**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course Area</th>
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<tbody>
<tr>
<td>GEB</td>
<td>General Business</td>
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<tr>
<td>MAN</td>
<td>Management</td>
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</table>

**Undergraduate Courses**

- **MAN 1030.** Introduction to Careers in Business (3). (SU grade only.) This course is designed for freshmen and sophomore students who intend to major in business. Career options in various business disciplines are described. Appropriate personal characteristics and skills required for a successful business career are discussed.
- **MAN 2213.** Business Communications (3). Prerequisite: Must be upper division level business major. The course is designed to help business students develop the writing, verbal, and interpersonal skills that are necessary for a successful business career.
- **MAN 3205.** Concepts of Management (3). Prerequisites: MAC 1141; ACG 2021; ECO 2023; and a behavioral science course. Introduction to the nature and process of management, with emphasis upon management of physical and human resources. (Not required for management or human resource management majors.)
- **MAN 3240.** Organizational Behavior (3). Behavioral concepts, techniques, and applications for managing human resources in all types of organizations.
- **MAN 3340r.** Cooperative Education Work Experience (0). (SU grade only.)
- **MAN 4143.** Contemporary Leadership Challenges (3). Prerequisite: MAN 3240. Course provides broad exposure to the theories and practice of effective leadership and supervision in today’s business and explores contemporary leadership challenges from a practical point of view, with opportunities to develop and practice effective leadership skills.
- **MAN 4201.** Organizational Analysis and Change (3). Prerequisite: MAN 3240. Analysis of concepts and processes for affecting change in organizations.
- **MAN 4301.** Human Resource Management (3). Prerequisite: MAN 3240. Survey of the human resource management function in organizations. Topics include: selection, recruiting, training, compensation, and performance appraisal.
- **MAN 4320.** Staffing (3). Prerequisites: MAN 3240, 4301. The study of the design and operation of systems for employee recruitment and selection, including current practice and problems.
- **MAN 4330.** Compensation (3). Prerequisites: MAN 3240, 4301. The study of the methods and implications of making wage and salary decisions for recruiting and retaining employees.
- **MAN 4350.** Training and Development (3). Prerequisites: MAN 3240, 4301. The study of the various forms of training and development and their implementation both on and off the job.
- **MAN 4401.** Management of Labor and Industrial Relations (3). Corequisite: MAN 3240. A managerial perspective of labor and manpower concepts and issues in industrial and postindustrial society and work organizations.
- **MAN 4441.** Negotiation and Conflict Management (3). Prerequisite: MAN 3240. A focus on negotiation and conflict management in business and other organizational settings. The emphasis is on gaining an understanding of the negotiation process and strategies and developing effective negotiation and conflict management skills.
- **MAN 4605.** Cross-Cultural Management (3). Prerequisite: MAN 3240. Course studies the unique issues of managing in non-native culture. Discusses management situations where members of more than one cultural group are included, along with strategies for maximum effectiveness in such situations.
- **MAN 4631.** International Strategic Management (3). Prerequisites: MAC 3600. Course focuses on the international dimensions of strategic management, including economies and political issues affecting global competition. Special emphasis is given to the multinational enterprise and strategic options available for effective worldwide competitive advantage.
- **MAN 4680r.** Explorations in International Management (3). Prerequisites: ECO 2013, 2023; MAN 3600. Course focuses on the international dimensions of strategic management, including economies and political issues affecting global competition. Special emphasis is given to the multinational enterprise and strategic options available for effective worldwide competitive advantage.
- **MAN 4720.** Competitive Dynamics (3). Prerequisite: MAN 4720. Course applies the tools and concepts introduced in other business and management courses in a hands-on business simulation of competitive dynamics with an eye toward contemporary, emerging competitive issues confronting business senior executives and owners.
- **MAN 4905r.** Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.
- **MAN 4930r.** Special Studies in Business (1–3). Prerequisite: Consent of the instructor. May be repeated to a maximum of nine (9) semester hours as topics vary.
- **MAN 4941.** Field Study in Management (1–3). (SU grade only.) Prerequisite: Consent of instructor. Provides student with on-the-job experience in major area.
- **MAN 4970r.** Honors Thesis (1–6). Prerequisite: Admission to the honors program. May be repeated to a maximum of nine (9) semester hours. Six (6) semester hours of thesis are required to complete honors in the major.

**Graduate Courses**

- **MAN 5204.** Organization Theory (3).  
- **MAN 5245.** Organizational Behavior (3).  
- **MAN 5285.** Organizational Change and Development (3).  
- **MAN 5305.** Personnel/Human Resource Management (3).  
- **MAN 5721.** Strategy and Business Policy (3).
MAN 5905r. Directed Individual Study (1–3). (S/U grade only.)
MAN 5907r. Special Studies in Management (1–3).
MAN 5911r. Supervised Research (1–3). (S/U grade only.)
MAN 5935r. Special Topics in Management (1–3).
MAN 5940r. Supervised Teaching (1–3). (S/U grade only.)
MAN 6235r. Doctoral Seminar in Organizational Theory (1–3).
MAN 6275r. Organization Behavior I: Literature (1–3).
MAN 6795r. Doctoral Seminar in Strategic Management: Selected Topics (3).
MAN 6811r. Supervised Research (1–3). (S/U grade only.)

Department of MANAGEMENT INFORMATION SYSTEMS

COLLEGE OF BUSINESS
Chair: David B. Paradice; Professors: George, Paradice; Assistant Professors: Bush, Carter, Chudoba, Galligher, Wasko; Associates in Management Information Systems: Fisher, Payne, Wells; Thomas L. Williams Jr. Eminent Scholar: George

The management information systems department is the youngest department in the College of Business. It was formed to increase the emphasis on technological education in the business curriculum and to consolidate the teaching of management information systems into one unit. The purpose of the curriculum is to provide the student with a broad understanding of the role and use of managerial technology in the various functional areas of modern organizations. The overall intent is to prepare the student for entry-level positions in medium- and large-size organizations leading to high-level technical or managerial careers in both the public and private sectors.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. ACG X021, or ACG X001 and ACG X011;
2. ACG X071;
3. CGS X100*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or QMB X100.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a Major in Management Information Systems

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for management information systems majors; 3) the general business core requirements for management information systems majors; 4) the general business breadth requirements for management information systems majors; and 5) the major area requirements for management information systems majors.

Note: To be eligible to pursue a management information systems major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All management information systems majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.
in modern business organizations is stressed and the information infrastructure of typical business firms is studied.

**ISM 3011. Introduction to Management Information Systems (3).** Prerequisite: CGS 2100. Introduction to management information systems concepts, with emphasis on describing information requirements, managing information resources, and applying information processing technology to business and management.

**MAN 3520. Total Quality Management (3).** Prerequisites: QMB 3200. Strategy and techniques at total quality management systems. Includes design and implementation of TQM in public and private organizations.

**QMB 3200. Quantitative Methods for Business Decisions (3).** Prerequisites: CGS 2100; MAC 2233/STA 2023. An examination of classical and modern decision-making techniques based on probabilistic concepts. Emphasizes applications to all areas of business.

**CGS 4404. Advanced Application Development (3).** Prerequisites: CGS 3403; ISM 4113. This course presents advanced application development methodology, technology and tools. Students work on teams in the applied study of complex systems development problems and cases.

**ISM 4113. Management Information Systems Analysis and Design (3).** Prerequisite: ISM 3003. In-depth treatment of the theory and practice of management information systems including information requirements analysis, design methodology, and system implementation considerations. For MIS majors only.

**ISM 4117. Decision Support and Expert Systems Management (3).** Prerequisite: ISM 4212. The design, development, implementation, and management of decision support and expert systems; includes concepts of data management, modeling decision support systems, and decision making. For MIS majors only.

**ISM 4212. Information for Operating Control and Data Management (3).** Prerequisite: ISM 4113. Covers the theory, techniques, and applications of information management and control including organizations as information-processing systems and executive support systems. For MIS majors only.

**ISM 4220. Information and Communications Systems Management (3).** Prerequisite: ISM 4113. An introduction to the design, operation, and management of telecommunication systems including electronic data interchange, office support, transborder information flow, and management support for networking. For MIS majors only.

**ISM 4300. Technology Management (3).** Prerequisites: ISM 4212, 4220. The strategy and theory of the creation, development, introduction, management, and marketing of new technologies and services. Management of the appropriate technological environment of an organization is emphasized. Concepts and approaches to E-commerce and E-business.

**ISM 4905r. Directed Individual Study (1–3).** May be repeated to twelve (12) semester hours.

**ISM 4903r. Special Topics in Management Information Systems (1–3).** This course provides an opportunity to study current issues in management information systems and topics not covered in other courses. May be repeated to a maximum of nine (9) semester hours as content varies. Prerequisites will vary depending on the topic of the course; refer to department for details.

**Department of MARKETING**

**COLLEGE OF BUSINESS**

**Chair:** Dennis Cradit; **Professors:** Brusco, Cradit, Cronin, Downs, Flynn, Giunipero, Goldsmith, Hofacker, Showalter; **Associate Professors:** Brady, Hartline, Knight; **Assistant Professors:** Darke, Kim, Lee; **Associate in Marketing:** Brennan; **Assistant in Marketing:** Larsen, Pallentino; **Richard M. Baker Professor of Marketing:** Goldsmith; **Carl DeSantis Professor of Business Administration:** Cronin; **Charles A. Bruning Professor of Business Administration:** Cradit

The marketing curriculum is designed to prepare students for successful careers in the many phases of marketing in both the public and private sectors. Courses are oriented toward: 1) problem solving and management decision making; 2) providing basic knowledge of the tools, types of organization, and institutions utilized in performing the various marketing functions; and 3) developing the ability to plan and implement marketing policy, strategy, and procedures.

The total curriculum is designed to impart knowledge and competence in marketing that will enable graduates to progress well in the early stages of their careers; develop the ability to analyze, plan, organize, coordinate, motivate, and control; think creatively; communicate effectively; and gain broad perspectives essential to the attainment of ownership or top management responsibilities.

**State of Florida Common Course Prerequisites**

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

**Graduate Courses**

**ISM 5006. Communication and Decision Processes (3).**

**ISM 5021. Information and Technology Management (3).**

**ISM 5046. Social and Organizational Issues in MIS (3).**

**ISM 5123. Information Systems Analysis and Design (3).**

**ISM 5206. Database Development and Management (3).**

**ISM 5226. Network Development and Management (3).**

**ISM 5315. Project Management (3).**

**ISM 5475. Client/Server Applications (3).**

**ISM 5906r. Directed Individual Study (1–3). (S/U grade only.)**

**ISM 5907r. Information and Systems Management: Special Studies in Management (1–3).**

**ISM 5935r. Special Topics in Information and Management Sciences (1–3).**

**ISM 6109. Doctoral Seminar in General Systems Theory (3).**

**ISM 6395. Doctoral Seminar in Management Information Systems (3).**

**ISM 6405. Doctoral Seminar in Decision Processes and Structures (3).**

**ISM 6885. Seminar on Applied MIS Research (3).**

**ISM 6917r. Supervised Research (1–3) (S/U grade only).**

**ISM 6979. Doctoral Seminar in Research Methods and the Philosophy of Science (3).**

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the *Graduate Bulletin*.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021, or ACG X001 and ACG X011;  
2. ACG X071;  
3. CGS X100*;  
4. ECO X013;  
5. ECO X023;  
6. MAC X233 or MAC X230;  
7. STA X023 or QMB X100.

**Note:** Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Requirements for a Major in Marketing**

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this *General Bulletin*; 2) the State of Florida common prerequisites for marketing majors; 3) the general business core requirements for marketing majors; 4) the general business breadth requirements for marketing majors; and 5) the major area requirements for marketing majors.

**Note:** To be eligible to pursue a marketing major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this *General Bulletin*.

**General Business Core Requirements**

All marketing majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

**BUL 3310** The Legal Environment of Business (3).  
**FIN 3403** Financial Management of the Firm (3).  
**GEB 3213** Business Communications (3).  
**MAN 3240** Organizational Behavior (3).  
**MAR 3023** Basic Marketing Concepts (3).
General Business Breadth Requirements
All marketing majors must complete five (5) courses as follows. Each course selected must be completed with a grade of "C-" or better. No course may be used to satisfy part of the general business breadth requirements and part of the major area requirements.

ISM 3011 Introduction to Management Information Systems (3).
MAN 3504 Services Operations Management (3).
QMB 3200 Quantitative Methods for Business Decisions (3).
Plus two (2) electives from the following list of courses:
HFT 3240 Managing Service Organizations (3).
MAN 3600 Multinational Business Operations (3).
MAN 4720 Strategic Management and Business Policy (3).
MAR 3700 Professional Selling (3).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Major Area Requirements
All marketing majors must complete seven (7) courses as listed below. A grade of "C-" or better must be earned in each course used to satisfy the marketing major area requirements. No course may be used to satisfy part of the major area requirements and part of the general business breadth requirements.

MAR 3503 Consumer Behavior (3).
MAR 4613 Marketing Research (3).
QMB 4700 Operations Research for Managerial Decisions (3).
Plus four (4) electives from the following list of courses (electives must be chosen to complete one of the three concentrations described below):
MAN 3600 Multinational Business Operations (3).
MAR 3231 Retailing Management (3).
MAR 3323 Promotional Management (3).
MAR 3461 Principles of Purchasing (3).
MAR 3700 Professional Selling (3).
MAR 3711 Sports, Recreation, and Entertainment Marketing (3).
MAR 4156 Multinational Marketing (3).
MAR 4203 Logistics and Supply Chain Management (3).
MAR 4403 Sales Management (3).
MAR 4453 Industrial Marketing (3).
MAR 4462 Seminar in Purchasing/Materials Management (3).
MAR 4614 Advanced Marketing Research (3).
MAR 4831 Price and Product Management (3).
MAR 4840 Services Marketing (3).
MAR 4860 Customer Relationship Management (3).
MAR 4880 Electronic Marketing (3).
MAR 4939r Marketing Seminar (3).

Students must select their marketing electives to complete one of the following:

Service Operations. Take MAR 4614 plus any three (3) other marketing electives from the list above.

Supply Chain Management. Take MAR 4461, and MAR 4203 plus any two (2) other marketing electives from the list above.

Sales and Customer Relationship Management. Take MAR 4403 and MAR 4860 plus any two (2) other marketing electives from the list above.

Definition of Prefixes
GEB—General Business
MAN—Management
MAR—Marketing
QMB—Quantitative Methods in Business

Undergraduate Courses
MAN 3504. Services Operations Management (3). Prerequisites: CGS 2100; QMB 3200. Methodology and theory of the design and management of productive systems, especially in the services industry. Includes quantitative techniques and procedures for process analysis. MAR 3023. Basic Marketing Concepts (3). Prerequisites: ECO 2023, one behavioral science course. A required prerequisite for all marketing courses. Gives the student an understanding of the decision areas and the ability to utilize marketing concepts to make business decisions.

MAR 3231. Retailing Management (3). Prerequisite: MAR 3023. Intensive training in the rudiments of retail operations.
MAR 3233. Promotional Management (3). Prerequisite: MAR 3023. Focuses on issues related to management of promotional tools including advertising, personal selling, sales promotion, public relations, and publicity.
MAR 3461. Principles of Purchasing (3). Prerequisite: MAR 3023. Introduction to the concepts, principles, and techniques of purchasing physical resources for all types of organizations.
MAR 3503. Consumer Behavior (3). Prerequisite: MAR 3023. Acquaints the student with the fundamental theories from the behavioral sciences and applied to the consumer decision making process.
MAR 3700. Professional Selling (3). Prerequisite: MAR 3023. This course addresses the application of behavior and persuasive communication theories, and the techniques necessary to develop effective personal selling skills within organizations.
MAR 3711. Sports, Recreation and Entertainment Marketing (3). Prerequisite: MAR 3023. This course provides students a framework for understanding how marketing strategies and tactics can be successfully applied within sports, and within recreational and entertainment organizations.
MAR 4156. Multinational Marketing (3). Prerequisites: MAR 3023; MAN 3600. Introduces the student to marketing management decision making in international environments through the use of cases and/or business games.
MAR 4203. Logistics and Supply Chain Management (3). Prerequisites: MAR 3023; QMB 4700. This course introduces the student to the management of logistics activities involved in the flow of goods, information, and funds throughout the supply chain.
MAR 4232. Advanced Retailing Management (3). Prerequisite: MAR 4403. Formulation of comprehensive, integrated marketing strategies for retail firms in contemporary environments.
MAR 4403. Sales Management (3). Prerequisite: MAR 3231. Exposes the student to concepts, activities, and analysis pertaining to sales and the management of the sales force.
MAR 4453. Industrial Marketing (3). Prerequisite: MAR 3023. This course focuses on those marketing activities involved in the marketing of products and services to organizations that use products and services in the production of consumer or industrial goods and services.
MAR 4462. Seminar in Purchasing/Materials Management (3). Prerequisite: MAR 3461. Advanced concepts in purchasing and materials management. Emphasis is on recent research and current practices to achieve strategic sourcing objectives.
MAR 4613. Marketing Research (3). Prerequisites: MAR 3023; QMB 3200. Examines marketing research as an information-providing activity for the purpose of management decision making.
MAR 4614. Advanced Marketing Research (3). Prerequisite: MAR 4613. Provides experience in designing and conducting actual marketing research studies.
MAR 4831. Price and Product Management (3). Prerequisite: MAR 3023. Familiarizes students with the scope and complexity of the marketing executives product and pricing management problem.
MAR 4840. Services Marketing (3). Prerequisite: MAR 3023. Examination of marketing in the service industries with particular emphasis on the unique aspects of service marketing, the service marketing mix, and the implementation of service strategies.
MAR 4860. Customer Relationship Management (3). Prerequisite: MAR 3023. This course introduces students to the basic theories and terminology of customer relationship management. Special emphasis is placed on customer retention and technological tools for enhancing customer relationships.
MAR 4880. Electronic Marketing (3). Prerequisite: MAR 3023. This course examines internet communication, direct selling through electronic commerce, and internet-based promotional communications.

Graduate Courses
GEB 5125. Seminar in Small Business Analysis and Assistance (3).
GEB 5446. The Business Context (3).
GEB 6904r. Readings for Examination (1–12). (S/U grade only.)
MAN 5525. Quality Management (3).
MAN 5551. Operations Management (3).
MAN 5601. Multinational Business Operations (3).
MAN 6030. Doctoral Seminar in Productive Systems Management: Planning and Control (3).
MAR 5409. Business-to-Business Sales and Marketing (3).
MAR 5465. Purchasing and Supply Chain Management (3).
MAR 5505. Consumer Behavior (3).
MAR 5726. Electronic Business in Supply Chain Marketing (3).
MAR 5815. Marketing Management (3).
The Department of Mathematics offers programs of study leading to the bachelor of science (BS) and bachelor of arts (BA) degrees, the master of science (MS) and master of arts (MA) degrees, and the doctor of philosophy (PhD) degree. For details of the master’s and doctoral degrees, see the Graduate Bulletin. A combined degree program may be developed for a strong undergraduate, especially one entering with advanced credit. This allows a student to earn both a bachelor’s and a master’s degree in about five years. The Department of Mathematics can be regarded as the central component of a liberal education, or as preparation for professional study in another field or mathematics graduate study. Students can also look forward to employment in an industrial or financial firm, a governmental agency, or teaching in a secondary, college or university institution; the Actuarial Science program is professionally oriented toward the insurance and financial sectors.

The department offers opportunities for its majors to participate in learning activities outside the classroom. The Florida State University Mathematical Society provides a venue in which undergraduate students and faculty meet monthly to share interests and enjoy an accessible lecture by a faculty member or a distinguished visitor. The Florida State Student Actuarial Society benefits from a first-rate professional relationship with actuarial employers; actuaries from government, insurance, and consulting firms often visit the department to describe the field and interview students for summer internships and employment. The students share experiences about summer internships and prepare for actuarial examinations; well-placed graduates of the program help current students. The department fields a team for the William Lowell Putnam Examination, a nationwide competition among mathematics students conducted annually by the Mathematical Association of America. A fall seminar is held for students to become familiar with Putnam-style problems and to hone their skills at solving them. Each year the local chapter of the national mathematics honorary society Pi Mu Epsilon inducts students of high academic achievement from each of the three majors. All of these activities offer opportunities to socialize while learning.


departmental programs

There are four majors leading to the bachelor’s degree: applied and computational mathematics, pure mathematics, biomedical mathematics, and actuarial science; (please consult the “Programs in Actuarial Science” section of this Undergraduate Bulletin). In any of these majors, students who intend to pursue graduate work in higher mathematics are encouraged to include appropriate mathematics sequences. Under the direction of a faculty member, a student may pursue a flexible major program to fit particular interests or an individual research project under honors in the major.

combined BS/MS degrees

This program in mathematics is built on the department’s four major options at the graduate level: (pure) mathematics, applied and computational mathematics, biomedical mathematics, and financial mathematics. With the sharpened focus of university experience, a student from any of the department’s four undergraduate options might discover mathematical interests to pursue any one of the graduate options. This combined degree program allows the motivated and focused student to complete both bachelor’s and master’s degree in nine to eleven semesters. Up to twelve (12) semester hours of courses from a master’s option may be dual-eligible for credit toward the bachelor’s degree.

academic performance

A grade of “C−” or better is required in all courses to be counted toward these degrees. A student who has accumulated more than five grades below “C−” (including grades of U) in mathematics or computer science courses taken for college credit at The Florida State University or elsewhere, whether repeated or not, will not be permitted to continue as a major in the department.

state of Florida common course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years. The following lists the common course prerequisites or approved substitutions necessary for each degree program:
Mathematics

1. Three (3) semester hours of COP XXXX (computer language: Pascal, FORTRAN, C, C++, or C++);
2. MAC X311;
3. MAC X312;
4. MAC X313;
5. Successful completion of two laboratory-based science courses for respective science majors: BSC XXXX/XXXXL or CHM XXXX/XXXXL or PHY XXXX/XXXXL

Actuarial Science

1. Three (3) semester hours of COP XXXX (computer language: FORTRAN, C, C++, or Pascal)
2. MAC X311;
3. MAC X312;
4. MAC X313;
5. ECO X013;
6. ECO X023.

Students are encouraged to complete the courses ACG X021, MAP X302 and STA X122 in their first two years.
A grade of “C–” or better is required in all courses to be counted towards the degrees.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. The student should also obtain, from the departmental office and Web site, revisions to the degree guidelines since this printing.

The bachelor of arts (BA) degree in mathematics or actuarial science can be obtained by completion of the bachelor of science (BS) degree requirements plus additional courses required by the University as set forth in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Students should complete the State of Florida Common Course Prerequisites, including the physics or economics requirements, during the first two college years.
A student who expects to continue on to doctoral work in mathematics is encouraged to complete the foreign language requirement in French, German, or Russian.

Mathematics courses at the 4000-level applied toward any departmental major must be taken at The Florida State University unless specifically exempted by the chair on written request.

Honors in the Major

The Department of Mathematics offers honors in the major designed to introduce the student to the process of independent and original research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Second Majors

A student may complete a second major in another department. The flexible plan major is particularly appropriate for students in other majors who seek deeper mathematics study, or students in mathematics who have interdisciplinary interests. Students also may double major in actuarial science and any of the three mathematics majors (pure, applied/computational, or biomedical) by completing all of the prerequisite and degree requirements for each selected program.

Requirements for a Minor in Mathematics

A minor in mathematics consists of twelve (12) semester hours in courses with prefixes MAA, MAC, MAD, MAP, MAS, MAT, MGF, MTH, MTG, but not including any of the courses numbered 1XXX, or MAC 2233. A grade of “C–” or better must be earned in each course counted toward the minor.

Baccalaureate Degree in Mathematics

Courses required for each of the degree options in mathematics are MAP 2302 and MAS 3105. The student must exhibit proficiency in a scientific computer programming language, and must also satisfy the university’s computer skills competency requirement. Students will normally complete CGS 3406 to satisfy both those requirements, although the former may be shown by courses in C, C++, FORTRAN, Java, or another approved higher-level language. Successful completion of MAD 3703 will also suffice. STA 4321 is required for students entering Fall 2006 and later. Those who have entered prior to Fall 2006 may take STA 4442. Representative requirements for the three mathematics major options follow. Students should refer to the departmental Web site (http://www.math.fsu.edu) or the departmental office (208 LOV) for the most current information.

Major in Mathematics. In addition to the State of Florida Common Course Prerequisites and the courses above, the student will complete PHY 2048C or some other approved calculus-based natural or social science course and will complete the courses MAS 4302; MAA 4224 or 4226; and four of the following, of which at least two must be at the 4000 level: MAA 4227, 4402; MAD 2104, 3105, 3703, 4704; MAP 4103, 4153, 4180, 4202, 4216, 4331, 4341, 4342; MAS 4106, 4203, 4303; MAT 4935; MGF 3301; MTH 4302; MTG 4302. At least one of the sequences following, or an approved substitution, must be included: MAA 4226-4227, MAS 4402 and MTG 4302, MAD 3703-4704, MAP 4341-4342 or MAS 4302-4303 must be completed. Additional computer languages are recommended.

A student intending to do graduate work in pure mathematics should take MAA 4226-4227 and MAS 4302-4303 as well as MAA 4402 and MTG 4302.

Major in Applied Mathematics. In addition to the State of Florida Common Course Prerequisites and the courses above, the student will complete PHY 2048C (PHY 2049C is highly recommended) and the courses MAD 3703; MAP 4103 and 4341; and three of the following: MAA 4224 or 4226, 4227, 4402; MAD 4704; MAP 4153, 4180, 4202, 4216, 4342; MAS 4106; MAT 4934.

Major in Biomedical Mathematics. This new major can lead to employment in the area of biological applications, to medical school, or to graduate school in mathematical biology or the sciences. In addition to the State of Florida Common Course Prerequisites, the student will complete collateral science courses including BSC 2010, BSC 2010L, BSC 2111, CHM 1045C, CHM 1045L, PHY 2048C or PHY 2049C, and at least one upper-division course on a list of such courses, typically PCB 3063. No additional minor is required. A computer laboratory on applications of calculus to biology and a 4000-level course in biological modeling are required, along with upper-division mathematics courses from a list of approved courses. Students should consult the departmental office or the Web site for exact requirements.

Baccalaureate Degree in Actuarial Science

In addition to the State of Florida Common Course Prerequisites, there are interdisciplinary degree requirements. Representative requirements include: MAP 4170, 4175; CGS 4306 or equivalent; and three (3) repetitions of actuarial tutorial MAT 4930r. (Four [4] repetitions are required for students entering Fall 2006 and later). STA 4321 is required for students entering Fall 2006 and later. Those who have entered previously may take STA 4442.

The student must also take the following courses in business and economics: ACG 2021; ECO 2013, and ECO 2023 or 4101; FIN 3403 and 4504; RMI 3001. These courses satisfy the requirements for a minor in business and no additional minor is required.

Note: For the most recent information concerning course requirements for this program, please refer to http://www.math.fsu.edu.

Additional requirements include a total of six (6) courses from three course groups. Students must complete:
1. Two (2) courses chosen from MAP 2302, MAF 431r [Actuarial Models and Credibility], and MAS 3105;
2. At least one (1) course chosen from STA 4224, 4226, 4227, MAD 3703, MAP 4341, MAS 4106, STA 4203, 4322, 4853; and
3. At least one (1) of the following courses: ECO 4101, ECO 4401, ECO 4421, FIN 4514, RMI 4115, RMI 4135, RMI 4224, RMI 4292.

Minor or Second Major

Information concerning acceptable minors and second majors for students majoring in a department program is available from the departmental office. The required computer science, physics, and statistics courses are collateral and may be counted toward a minor in the appropriate department.
Prerequisite Courses

Before taking any mathematics course, the student must complete with a grade of “C–” or better each course prerequisite to that course. Moreover, a student who earns a “C–” or better in a course with one or more stated or implied prerequisites may not subsequently earn credit in the prerequisite course(s). For example, a student who has earned a “C–” or better in MAC 2312 may not subsequently enroll in MAC 1105, 1114, 1140, or 2311.

Credit Note 1. In exception to the preceding paragraph, a transfer student may take MAC 1105 for credit even though the student has a “C–” or better in a transfer course that has been equated to a course for which MAC 1105 is prerequisite, provided the student has taken the AMP (Advanced Mathematics Placement) test and has not yet satisfied the Area I liberal studies requirement in mathematics.

Credit Note 2. In cases in which a student has earned a “D+”, “D”, or “D–” in a course and subsequently takes a similar course at the same level, the hours toward graduation for the first course will be disallowed as soon as the student passes the second course. These cases are: MAC 2233 after MAC 2311; MAC 2311 after MAC 2233.

Credit Note 3. Credit cannot be obtained for both MAD 2104 and MGF 3301.

Definition of Prefixes

MAA — Mathematics: Analysis
MAC — Mathematics: Calculus and Precalculus
MAD — Mathematics: Discrete
MAE — Mathematics Education
MAP — Mathematics: Applied
MAS — Mathematics: Algebraic Structures
MAT — Mathematics
MGF — Mathematics: General and Finite
MIF — Mathematics: History and Foundations
MTG — Mathematics: Topology and Geometry
OCP — Physical Oceanography

Undergraduate Courses

Note: For descriptions of interdisciplinary science courses see the “College of Arts and Sciences” chapter of this General Bulletin.

MAC 1105. College Algebra (3).
Prerequisite: MAT 1033 with a grade of “C–” or better, or a suitable placement score. Recommended background: two years of high school algebra. On basis of test scores the student may be required to take a community college course before MAC 1105. Required topics: basic operations, equations and inequalities; functions and functional notation; graphs; inverse functions; linear, quadratic, rational function; absolute value; radicals; exponential and logarithmic functions; system of equations and inequalities; applications.

MAC 1114. Calculus with Analytic Geometry I (5).
Prerequisite: MAC 1105. Trigonometric functions, inverse trigonometric functions and their graphs; identities and conditional equations; solution of triangles; trigonometric form of complex numbers; DeMoivre’s theorem and nth roots; introduction to plane vectors.

MAC 1140. Precalculus Algebra (3).
Prerequisite: MAC 1105 or appropriate score on a mathematics placement examination. May be taken concurrently with MAC 1114. Credit must be reduced to two (2) hours for students having a grade of “C–” or better in MAC 1141. (See Credit Note 2 above.) Functions and graphs, with emphasis on higher degree polynomial, rational, exponential, and logarithmic functions; systems of equations; solution of linear systems, matrix methods, determinants; sequences and series, induction, and the binomial theorem. Applications, approximation, and methods of proof.

MAC 1147. Precalculus Algebra/Trigonometry (5).
Prerequisite: MAC 1105 or appropriate score on a mathematics placement examination. Credit must be reduced to four (4) hours for students who took MAC 1141 and received a grade of “C–” or better. This is a one-semester course encompassing the topics of MAC 1140 (Precalculus Algebra) and MAC 1141 (Analytic Trigonometry). Set the topics for MAC 1104 and MAC 1114.

MGF 1106. Mathematics for Liberal Arts (3).
Prerequisite: MAT 1033 with a grade of “C–” or better, or a suitable placement score. Recommended background: two years of high school algebra. Course is not intended for students whose programs require precalculus or calculus courses. Set theory; symbolic logic; counting principles; permutations and combinations; probability; statistics; geometry; applications and history of mathematics.

MGF 1107. Topics in Practical Finite Mathematics (3).
Prerequisite: MAT 1033 with a grade of “C–” or better, or a suitable placement score. Recommended background: two years of high school algebra. Topics will include financial mathematics; linear and exponential growth; subsets of the real numbers; comparisons, contrasts with an emphasis on applications, approximation and solving environmental problems. The H.T. Odum energy diagrams for energy flows provide visual models that are translated into flow equations, which can then be solved by ordinary differential equations.

MAC 2233. Calculus for Business (3).
Prerequisite: Appropriate score on a mathematics placement examination or MAC 1105 or 1140 (or former course MAC 1141). Not open to students who have credit in MAC 2311 with a grade of “C–” or better. (See Credit Note 2 above.) Limits, continuity, first and higher derivatives, and the differential, with applications to graphing, rates of change, and optimization methods; techniques of integration and applications; introduction to theory of functions of several variables and their graphical representations, definitions of the integral; differential equations; implicit differentiation; applications of the derivative; antiderivatives; fundamental theorem of calculus. This course must be taken for reduced credit by students with prior credit for some of the content.

MAC 2311. Calculus with Analytic Geometry I (4).
Prerequisites: MAC 1147, or MAC 1140 and 1114; or appropriate score on a mathematics placement examination. Polynomial, trigonometric, exponential and logarithmic functions; first and second derivatives and their interpretations; definition and interpretation of the integral; differential equations; implicit differentiation; applications of the derivative; antiderivatives; fundamental theorem of calculus. This course must be taken for reduced credit by students with prior credit for some of the content.

MAC 2312. Calculus with Analytic Geometry II (4).
Prerequisite: MAC 2311 or MAP 2483; or appropriate score on a mathematics placement examination. Techniques of integration; applications of integration; series and Taylor series; differential equations. This course must be taken for reduced credit by students with prior credit for some of the content.

MAC 2313. Calculus with Analytic Geometry III (5).
Prerequisite: MAC 2312. Functions of several variables and their graphical representations; vectors; partial derivatives and gradients; optimization; multiple integration; polar, spherical, and cylindrical coordinate systems; vector fields, line integrations; theorems of Green, Stokes’ and Gauss’. This course must be taken for reduced credit by students with prior credit for some of the content.

MAC 2314. Calculus with Analytic Geometry IV (4).
Prerequisites: MAC 2313 or MAP 3493; or appropriate score on a mathematics placement examination. Techniques of integration; applications of integration; series and Taylor series; differential equations. This course must be taken for reduced credit by students with prior credit for some of the content.

MAC 2315. Calculus with Analytic Geometry V (4).
Prerequisites: MAC 2314 or MAP 3493; or appropriate score on a mathematics placement examination. Techniques of integration; applications of integration; series and Taylor series; differential equations. This course must be taken for reduced credit by students with prior credit for some of the content.

MAP 2302. Ordinary Differential Equations (3).
Prerequisite: MAC 2312. Not open to students having credit in MAP 3304. Differential equations of the first order, linear equations of the second, systems of first order equations, power series solutions, Laplace transforms, numerical methods.

MAP 2304. Biocalculus (4).
Prerequisites: MAC 1114, 1140. Functions as biological models; properties of the real number system; applications to population growth, kinetics, and the differential calculus. Trigonometric and exponential functions; definite and indefinite integrals; derivatives and partial derivatives; the chain rule and other rules for differentiation; fundamental theorem of calculus; continuous probability distributions; means and variances; biological applications.

MAP 3305. Discrete Mathematics II (3).
Prerequisite: MAC 2104. Techniques of definition and logical argument as applied in several areas of discrete mathematics; counting techniques, permutations, combinations; recurrence relations, graph and network algorithms.

MAP 3401. Introductory Numerical Analysis (3).
Prerequisite: MAP 2312; competence in a programming language suitable for numeric computations. Polynomial interpolation, data fitting, solutions to nonlinear equations, numerical integration, and differentiation. Not open to mathematics majors.

MAP 3703. Numerical Analysis I (3).
Prerequisites: MAC 2312; MAS 3305; competence in a programming language suitable for numeric computations, such as C, C++, FORTRAN, JAVA, or PASCAL. Root finding, interpolation and polynomial approximation, numerical differentiation and integration, direct and iterative methods for systems of linear equations. MAP 3305. Engineering Mathematics I (3).
Prerequisite: MAC 2313, or MAC 2312 with a grade of “B–” or better. Not open to students having credit in MAP 2302. Ordinary differential equations, Laplace transform. Linear algebra: determinants, matrices, eigenvalues and eigenvectors. Systems of first-order differential equations.

MAP 3306. Engineering Mathematics II (3).
Prerequisites: MAC 2313; MAP 2302 or 3305. Not open to students having credit in MAP 4341. Fourier series and Fourier transforms, introduction to partial differential equations.

MAS 3301. Introduction to Modern Algebra (3).
Prerequisites: MAC 2312; MAS 3305. Groups, permutations and symmetries, rings, integral domains, properties of the integers, congruence. Finite and rational numbers. Mathematics majors must take MAS 4302 instead.

MTG 3711. Introduction to Symbolic Computation (3).
Prerequisite: MAC 2312. Generalities of programs for symbolic computation; programming mathematics; elementary computer algebra: manipulating polynomials, Groebner bases; elementary computer analysis; integration techniques.

MAT 3903r. Special Topics in Mathematics (1–3).
May be repeated to a maximum of twelve (12) semester hours.

MGI 3301. Introduction to Advanced Mathematics (3).
Prerequisite: MAC 2312. Credit is not also allowed for MAD 2104. An introduction to the methods of mathematics through such a variety of classical and modern topics as set theory, algebra, real number topology and graph theory. Axioms and proofs will be emphasized throughout.

MAA 4402. Complex Variables (3).
Prerequisites: MAC 2313; MAS 3305; familiarity with calculus of functions of a complex variable. Topics include the completeness of the real numbers, sequences and series, limits and continuity, derivatives, integrals, the Fundamental Theorem of Calculus, and sequences and series of functions.

MAA 4226. Advanced Calculus I (3).
Prerequisites: MAC 2313; MAS 3305. Functions, limits, continuity, uniform continuity, differentiation, integration, convergence, uniform convergence. For strong students with adviser approval only.

MAD 4002. Complex Variables (3).
Prerequisite: MAC 3314. Analytic functions, Cauchy-Riemann conditions, complex integration, Cauchy’s theorem and integral formula, power series, analytic continuation, Riemann surfaces, residues and applications; conformal mapping.

MAT 4704. Numerical Analysis II (3).
Prerequisites: MAC 3703; MAP 2302. Approximation theory, numerical solution of nonlinear systems, boundary value problems and initial value problems for ordinary differential equations.

Principles and operations related to finite and infinite sets. Operations on these sets are studied. Concepts rather than rote manipulations are emphasized. Not open to students majoring in mathematics.

MAE 4815. Elements of Algebra (3).
The algebra of sets and the algebra of real numbers are studied. Concepts rather than rote manipulations are emphasized. Not open to students majoring in mathematics.
MAE 4816. Elements of Geometry (3). A variety of traditional and innovative geometric topics are explored via a hands on approach. Topics include congruence, similarity, Pythagorean triples, and areas of curvilinear figures. Not open to students majoring in mathematics.

MAE 4874. Fundamental Principles of Algebra (2). Prerequisite: A 2000 level course in mathematics or two years experience in teaching secondary school mathematics. Not open to students majoring in mathematics. MAP 4103. Mathematical Modeling (3). (S/U grade only.) Prerequisites: MAP 2302; MAS 3105; PHY 2048C. Application of mathematics to real life situations; construction of mathematical models, use of elementary and advanced mathematical methods, and case studies.

MAP 4155. Vector Calculus with Introduction to Tensors (3). Prerequisite: MAC 2313. Vector calculus: gradient, divergence, curl; differential operators in orthogonal curvilinear coordinates. Line, surface, and volume integrals; Stokes' and Green's theorems. Subscript notation, Cartesian tensors; applications.


MAP 4175. Actuarial Models (4). Prerequisites: MAC 2313; MAP 4170; STA 4321. Single- and multiple-life survival probabilities; mortality laws, table construction, and contingent payments and annuities; premium principles and reserves for continuous, discrete and semi-continuous insurance products; multiple decrement theory (competing risks) and application.


MAP 4202. Optimization (3). Prerequisites: MAC 2313; MAD 3703; MAS 3105. Linear programming, unconstrained optimization, searching strategies, equality and inequality constrained problems.

MAP 4216. Calculus of Variations (3). Prerequisites: MAP 2302; MAA 4226. Fundamental problems, weak and strong extrema, necessary and sufficient conditions, Hamilton-Jacobi theory, dynamic programming, control theory and Pontryagin maximum principle.


MAP 4342. Elementary Partial Differential Equations II (3). Prerequisite: MAP 4341. Solution of first-order quasi-linear partial differential equations, classification and reduction to normal form of linear second-order equations, Green’s function, infinite domain problems, the wave equation, radiation condition, spherical harmonics.


MAS 4203. Theory of Numbers (3). Prerequisite: MAS 3301 or 4302; or consent of the instructor. The Euclidean algorithm, congruencies, quadratic residues, the law of quadratic reciprocity, and an elementary discussion of arithmetic functions and distribution of primes.

MAS 4302, 4303. Introduction to Abstract Algebra I, II (3, 3). Prerequisite: MAS 3105 (Recommended: MGF 3301.) Groups, permutation groups, subgroups, group homomorphisms, structure of groups, rings, ideals, ring homomorphisms, rings of quotients, polynomials, factorization, fields, field extensions.

MAT 4906r. Directed Individual Study (1–4). May be repeated to a maximum of twelve (12) semester hours.

MAT 4930r. Special Topics in Mathematics (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

MAT 4931r. Special Topics in Mathematics (1–3). May be repeated to a maximum of six (6) semester hours when subject matter changes.

MAT 4934r. Honors Work (3). May be repeated to a maximum of nine (9) semester hours.

MAT 4945r. Undergraduate Professional Internship (1–3). (S/U grade only.) Prerequisite: Permission of instructor. Supervised internships individually assigned to accommodate the student’s professional development in an area of application (e.g., actuarial science; industrial applications). May be repeated to a maximum of three (3) semester hours.

MHF 4302. Mathematical Logic I (3). Prerequisite: MAS 3301 or consent of instructor. Propositional and predicate logic, models. Godel's completeness theorem and related theorems.

MTG 4212. College Geometry (3). Prerequisites: MAC 3212; MAS 3105. Fundamental topics in geometry from an advanced viewpoint, primarily designed for teachers and prospective teachers of mathematics.


MTG 4303. Elementary Topology II (3). Prerequisite: MTG 4302. Function spaces, Hilbert space, quotient spaces, continua, paracompactness and metrizability, nets and filters, the fundamental group.

Graduate Courses

MAA 5305, 5307. Advanced Calculus I, II (3, 3).

MAA 5406, 5407. Theory of Functions of a Complex Variable I, II (3, 3).

MAA 5816, 5817. Measure and Integration I, II (3, 3).

MAA 5721. Computer Analysis (3).

MAA 5932. Topics in Analysis (1–3).

MAD 5305. Graph Theory (3).

MAD 5403. Foundations of Computational Mathematics I (3).

MAD 5404. Foundations of Computational Mathematics II (3).

MAD 5420. Numerical Optimization (3).


MAD 5932r. Topics in Computational Mathematics (1–3).

MAP 5107. Mathematical Modeling (3).

MAP 5165. Methods of Applied Mathematics I (3).

MAP 5177. Actuarial Models (3).

MAP 5207. Optimization (3).

MAP 5217. Calculus of Variations (3).

MAP 5345. Elementary Partial Differential Equations I (3).

MAP 5346. Elementary Partial Differential Equations II (3).

MAP 5395. Finite Element Methods (3).

MAP 5423. Complex Variables, Asymptotic Expansions, and Integral Transforms (3).

MAP 5431. Introduction to Fluid Dynamics (3).

MAP 5441. Perturbation Theory (3).

MAP 5485. Introduction to Mathematical Biophysics (3).

MAP 5486. Computational Methods in Biology (3).

MAP 5513. Wave Propagation Theory (3).

MAP 5601. Introduction to Financial Mathematics (3).

MAP 5611. Introduction to Computational Finance (3).

MAP 5932r. Topics in Applied Mathematics (1–3).

MAS 5307, 5308. Groups, Rings, and Vector Spaces I, II (3, 3).

MAS 5311, 5312. Abstract Algebra I, II (3, 3).

MAS 5311r, 5332r. Algebraic Structures I, II (3, 3).

MAS 5731. Computer Algebra (3).

MAS 5932r. Topics in Algebra (1–3).

MAT 5907r. Directed Individual Study (1–4). (S/U grade only.)

MAT 5911r. Supervised Research (1–5). (S/U grade only.)

MAT 5920r. Colloquium (0). (S/U grade only.)

MAT 5921r. Graduate Mathematics Colloquium (1). (S/U grade only.)

MAT 5923r. Selected Advanced Topics. (1–3).

MAT 5932r. Special Topics in Mathematics (1–3). (S/U grade only.)

MAT 5939r. Seminar (1–3).

MAT 5941r. Internship in College Teaching (1–3). (S/U grade only.)

MAT 5945r. Graduate Professional Internship (1–3). (S/U grade only.)

MAT 5946r. Supervised Teaching (1–5). (S/U grade only.)

MAT 5971. Thesis (3–6). (S/U grade only.)

MHF 5206. Foundations of Mathematics (3).

MHF 5306. Mathematical Logic I (3).

MHF 5307. Mathematical Logic II (3).

MTG 5326, 5327. Topology, I, II (3, 3).

MTG 5346, 5347. Algebraic Topology I, II (3, 3).

MTG 5376r. Topological Structures I (3).

MTG 5395r. Topics in Geometry (1–3).

MCP 5253. Fluid Dynamics: Geophysical Applications (3).

MAD 6416r. Advanced Topics in Analysis (3).

MAD 6939r. Advanced Seminar in Analysis (1). (S/U grade only.)

MAD 6408r. Advanced Topics in Numerical Analysis (3).

MAD 6939r. Advanced Seminar in Applied Mathematics (3).

MAP 6434r. Advanced Topics in Hydrodynamics (3).

MAP 6437r. Advanced Topics in Applied Mathematics (3).

MAP 6621. Financial Engineering I (3).

MAP 6939r. Advanced Seminar in Applied Mathematics (1). (S/U grade only.)

MAS 6396, 6397r. Advanced Topics in Algebra I, II (3, 3).

MAS 6939r. Advanced Seminar in Algebra (1). (S/U grade only.)

MAD 6908r. Directed Individual Study (1–4). (S/U grade only.)

MAT 6933r. Selected Advanced Topics (1–3).

MAT 6939r. Advanced Graduate Seminar (1). (S/U grade only.)

MAT 6980r. Dissertation (1–12). (S/U grade only.)

MTG 6396r. Advanced Topics in Topology (3).

MTG 6939r. Advanced Seminar in Topology (1). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MATHEMATICS EDUCATION:
see Middle and Secondary Education
Department of MECHANICAL ENGINEERING

FAMU—FSU COLLEGE OF ENGINEERING

Chair: Chiang Shih; Associate Chair: Cesar Luongo; Professors: Chandra, Chen, Collins, Gielisse, Krothapalli, Lourencco, Schwartz, Shih, Van Dommelen, Van Sciver; Associate Professors: Alvi, El-Azab, Hollis, Hrudia, Kalu, Luongo; Assistant Professors: Cartes, Moore, Ordonez, Wu; Affiliated Faculty: Garimestani, Haik, Han, Hussaini, Tam; Adjunct Faculty: Bickley, Boosehagh, Buzyna, Moore, Seely, Vaghari

The bachelor of science (BS) program in the Department of Mechanical Engineering is designed to provide a background for a wide variety of careers. The discipline of mechanical engineering is very broad, but generally emphasizes an appropriate mix of thermal science, mechanics and materials, and design. Graduates typically enter various energy, aerospace, or product manufacturing industries, or into government laboratories.

The undergraduate program is designed to impart a broad knowledge in basic and engineering sciences and to provide a solid understanding of contemporary engineering practices. The program also seeks to provide students with a foundation in communications skills, principles of economics, and other fundamentals upon which they will draw in their professional careers. Special emphasis is placed on communications skills by requiring extensive written laboratory reports and design project presentations. Computer literacy is bolstered by a variety of course assignments throughout the program and especially in the design courses, wherein students are exposed to a number of design software programs widely used in the engineering industry.

Beyond the basic core curriculum, the Mechanical Engineering courses are grouped into five major areas streams: Thermal and Fluid Systems, Mechanical Systems, Mechanics and Materials, Dynamic Systems, and Engineering Design. The courses in each of these areas give students a foundation in the relevant engineering sciences with a strong orientation in design and extensive laboratory experience. The design curriculum culminates with a one-year (two-semester) capstone design course in which the students design and implement a full system or product, usually under industrial sponsorship.

Several undergraduate teaching laboratories provide extensive experimental apparatus for laboratory courses. The Fluid Mechanics laboratory, Heat Transfer laboratory, Solid Mechanics laboratory, Dynamic Systems laboratory, and Controls and Robotics laboratory are all well equipped with the latest tools and equipment for experimentation, data acquisition, processing and analysis. The College of Engineering provides several computer labs running a variety of standard design and analysis software packages, including Algor FEA modules, PTC’s Pro/Engineer and Pro/Mechnica, MSC Software’s ADAMS and Mathworks MATLAB.

Program Educational Objectives

Consistent with the missions of The Florida State University, Florida A&M University and the College of Engineering, and in accordance with the Accreditation Board for Engineering and Technology (ABET) criteria, the department has developed the following program educational objectives. We expect our graduates in the first five years upon graduation from our program to:

1. Excel in industrial, research, or graduate work in mechanical engineering or allied fields;
2. Design and analyze devices and products that meet the needs of society, based on sound scientific knowledge and engineering practices;
3. Be an engineering professional by engaging in professional activities and continuous self-development;

Program Outcomes

In fulfilling the undergraduate educational objectives, the desired outcomes are that our graduates demonstrate the following:

- An ability to apply knowledge of mathematics, calculus based science and engineering to mechanical engineering problems;
- An ability to design and conduct experiments, as well as to analyze and interpret data;
- An ability to design thermal and mechanical systems, components, or processes to meet desired needs;
- An ability to function on multi-disciplinary teams;
- An ability to identify, formulate, and solve engineering problems;
- An understanding of professional and ethical responsibility;
- An ability to communicate effectively with written, oral, and visual means;
- The broad education necessary to understand the impact of engineering solutions in a global and societal context, and a knowledge of contemporary issues;
- A recognition of the need for, and an ability to engage in life-long learning;
- An ability to use modern engineering techniques, skills, and computing tools necessary for engineering practice; and,
- Familiarity with statistics and linear algebra.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101;
2. ENC X102;
3. MAC X311*;
4. MAC X312*;
5. MAC X313*;
6. MAP X302;
7. CHM X045/X045L*;
8. PHY X048/X048L;
9. PHY X049/X049L;
10. Six (6) Semester hours in the humanities;
11. Six (6) semester hours in social science;
12. Three (3) additional semester hours in humanities or social science.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Core Program

A candidate for the bachelor of science (BS) degree in mechanical engineering is required to successfully complete the following engineering core courses (in addition to the mechanical engineering curriculum) listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1045</td>
<td>General Chemistry I (3)</td>
</tr>
<tr>
<td>CHM 1045L</td>
<td>General Chemistry I Laboratory (1)</td>
</tr>
<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering (3)</td>
</tr>
<tr>
<td>EEL 3003L</td>
<td>Introduction to Electrical Engineering Laboratory (1)</td>
</tr>
<tr>
<td>EGN 1004L</td>
<td>First Year Engineering Laboratory (1)</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytical Geometry I (4)</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytical Geometry II (4)</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>Calculus with Analytical Geometry III (5)</td>
</tr>
<tr>
<td>MAP 3305</td>
<td>Engineering Mathematics I (3)</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>General Physics A (5)</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics B (5)</td>
</tr>
</tbody>
</table>

Students must earn a minimum grade in the “C” range in each of the college core courses, as well as the required and technical elective courses below. Students must meet the minimum overall grade point average (GPA) under the general requirements of the University. Students also must meet the prerequisite requirements specified by the College of Engineering. Please refer to the “College of Engineering” chapter in this General Bulletin for the specific college level requirements.

Students are urged to obtain the most current information on the mechanical engineering requirements from their advisers or from the student affairs coordinator.
Mechanical Engineering Curriculum

Key features of the curriculum in mechanical engineering include the integration of relevant topical material, integration of engineering design with engineering science, the introduction to engineering design at an early stage in the curriculum, and the use of cooperative learning methodologies.

The curriculum is in keeping with current trends in engineering education, industry expectations and needs, and ABET 2000 accreditation guidelines.

The following core courses comprise the mechanical engineering curriculum:

EML 3002C Mechanical Engineering Tools (4)
EML 3004C Introduction to Mechanical Engineering (4)
EML 3011C Mechanics and Materials I (4)
EML 3012C Mechanics and Materials II (3)
EML 3013C Dynamic Systems I (4)
EML 3014C Dynamic Systems II (4)
EML 3015C Thermal-Fluids I (4)
EML 3016C Thermal-Fluids II (4)
EML 3017C Mechanical Systems I (4)
EML 3018C Mechanical Systems II (4)
EML 3234 Materials Science and Engineering (3)
EML 4304L Materials Lab (3)
EML 4550 Design Methods (3)
EML 4551C Senior Design Project I (3)
EML 4552C Senior Design Project II (3)
XXX XXX Math Option (3)
XXX 4XXX Technical Electives (12)
XXX XXX Senior Seminar (0)

Technical Electives are generally intended to develop depth in an area of interest and must form a coherent area of concentration. A minimum of three (3) technical electives (nine [9] semester hours) must be in the Department of Mechanical Engineering.

The Math Option is intended to provide additional math expertise oriented toward various areas of engineering. Students must choose from the following list of approved classes: MAD 3401, MAD 3703, MAP 3306, MAP 4341, MAS 3105, and STA 4930.

EML 3004C includes a math/physics test based on the material covered in Calculus I, Calculus II, and Physics I. Students may take this test at any time before or during their enrollment in EML 3004C.

Honors in the Major

The Department of Mechanical Engineering offers a program in honors in mechanical engineering to encourage talented juniors and seniors to undertake independent and original research as a part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Five-Year Combined BS–MS Program

The department offers a five-year combined undergraduate-graduate program leading to the bachelor of science and master of science degrees. The objective of this program is to produce, in five years of full-time study, an engineer who is fully qualified to enter into professional practice in industry. Students begin taking core graduate courses in their fourth year. Successful completion of the fourth year of the five-year curriculum will give the student enough credit and breadth of subject matter to satisfy university requirements for the BS degree, should individual circumstances arise that preclude a student from taking the fifth year. This program also includes a summer internship in industry between the fourth and fifth years.

Admission to the dual degree program is open to juniors who have attained a GPA of 3.2 in the mechanical engineering curriculum and whose applications are reviewed by a faculty committee. Applicants are normally invited in the spring, during the second semester of the students’ junior year, for fall entry. Details on the curriculum may be obtained from the mechanical engineering department office.

Definition of Prefixes

EAS — Aerospace Engineering
EGM — Engineering Science
EGN — Engineering: General
EMA — Materials Engineering
EML — Engineering: Mechanical

Undergraduate Courses

EAS 3010. Fundamentals of Flight (3). Prerequisites: PHY 2049, MAC 2313. The course is intended to provide a clear introductory understanding of the science and engineering of heavier-than-air flight vehicles. Production of lift and drag, important effects of viscosity and compressibility, airplane design characteristics, and rocket propulsion.

EAS 4011. Principles of Aerodynamics (3). Prerequisite: EML 3016C. Atmospheric flight is one of the most visible of human phenomena. Students examine the factors that make flight possible and the nature of flight in various environments.

EGM 3512. Engineering Mechanics (4). Prerequisites: MAC 2312; PHY 2048. Corequisite: MAC 2313. Topics in this course include statics and dynamics of particles and rigid bodies using vector analysis, free body diagrams, equilibrium of particles and rigid bodies, particle and solid rigid body motion, work, energy, and impulse and momentum methods.

EGM 3520. Mechanics of Materials (3). Prerequisite: EGN 3311. Concept of stress and strain, Hookes laws, tension, bending, combined loading, Mohrs circle, deflections, design of pressure vessels, shafts, beams, columns, energy methods.

EGM 3545. Mechanical Systems I (3). Prerequisites: MAP 3305, CGS 3408; or their equivalents. Number representation, linear equations, interpolation, integration, ordinary differential equations, nonlinear equations, optimization, and least squares. Students solve numerical problems using library subroutines, of which a brief analysis is presented.

EMA 4225. Mechanical Metallurgy (3). Prerequisite: EML 3012C. Tensile instability, crystallography, theory of dislocations, plasticity, hardening mechanisms, creep and fracture, electron microscopy, composite materials.

EMA 4501. Optical and Electron Microscopy (3). Prerequisite: EML 3012C or permission of instructor. Fundamentals and techniques of optical and electron microscopy as applied to the determination of physical, chemical, and structural properties of materials and behavior in practice.

EML 3002C. Mechanical Engineering Tools (4). Prerequisites: MAC 2311; PHY 2048C. Course covers communication and data handling, computer aided design, basic thermofluids, introductory programming concepts, machine shop practice.

EML 3004C. Introduction to Mechanical Engineering (4). Prerequisites: MAC 2312; PHY 2048C. Course covers the engineering profession, drafting, measurements, ethics, statistics, introduction of chemistry, calculus and physics to engineering problems, and an overview of the engineering design process.

EML 3005. Introduction to Design (3). Prerequisite: Junior standing in mechanical engineering. The design process; systems engineering in design, requirements analysis; design concepts, evaluation, implementation; quality techniques; ergonomics; materials selection in design, ethics in the engineering workplace; technical communications; design applications in individual and team projects.

EML 3001C. Mechanics and Materials I (4). Prerequisites: CHM 1045, 1045L, EML 3002C, 3004C; MAC 2313; PHY 2048C. This course is the first part of a two-part sequence integrating concepts of mechanics and principles of materials. It will provide the student with a broad based introduction to, and understanding of, the application of materials in structural design, the processing of mechanical components and the manufacture of high technology products.

EML 3012C. Mechanics and Materials II (3). Prerequisites: EML 3011C; PHY 2049C. Corequisite: EML 3234. This course is the second part of a two-part sequence, integrating new and traditional principles of materials science. Emphasis is on measurement techniques and experimental methods in solid mechanics and materials science. Topics covered include tensile, impact, torsion, fatigue and combined loading; beams in bending; structures of steel and reinforcing; analysis of welded structures; plastic deformation and fracture; complex stress states; bending of plates and integration of relevant topical material, integration of engineering design and manufacturing of heavier-than-air flight vehicles. Production of lift and drag, important effects of viscosity and compressibility, airplane design characteristics, and rocket propulsion.

EAS 3010. Fundamentals of Flight (3). Prerequisites: PHY 2049, MAC 2313. The course is intended to provide a clear introductory understanding of the science and engineering of heavier-than-air flight vehicles. Production of lift and drag, important effects of viscosity and compressibility, airplane design characteristics, and rocket propulsion.
design; bearings and lubrication; fasteners and connectors; joints; clutches, brakes, couplings and flywheels; flexible elements; shafts; computer simulations and models of components and systems; involving dissection of existing machines and design and manufacture of new mechanical systems.

EML 3050. Analytical Tools in Mechanical Engineering (3). Prerequisites: EML 3002C; 3004C; MAP 3305. Corequisites: EML 3011C, 3013C. This course explores mathematical and numerical tools relevant to practical applications in mechanical engineering, as well as modeling of real physical systems using mathematical formulation. Subjects include Fourier Series and Integrals; Fourier Transform and energy spectrum; solution of partial differential equations; optimization; separation of variables; finite difference of methods, and finite element methods; and numerical interpolation and integration.


EML 3101. Applied Thermodynamics (3). Prerequisite: EML 3100. Availability and irreversibility of gas and gas-vapor mixtures; chemical reactions; combustion; chemical equilibrium in ideal-gas relations, thermodynamic aspects of fluid flow, gas-power and vapor power cycles, refrigeration.


EML 3220. Introduction to Mechanical Vibrations (3). Prerequisites: EML 3013C; MAP 3306; CGS 3408. Study of vibrations caused by oscillatory motions of bodies and the forces associated with them.

EML 3234. Materials Science and Engineering (3). Prerequisite: CHM 1045. Includes concepts of materials science and their relevance to engineering design. Recent advances in engineering materials science.

EML 3262C. Introduction to Mechanical Systems (3). Prerequisite: EML 3013C; Corequisite: EML 3005. Introduction to the fundamentals of mechanism design: design methodology; analysis of the kinematics, kinetics and statics of mechanisms, cams, and gears; and computer-aided mechanism design (including solid modeling).

EML 3302L. Methods in Solid Mechanics (2). Prerequisites: EML 3003; EML 3003L; EML 3011C; PHY 2049C. Required corequisite: EML 3012C. Measurement techniques in solids; performance characteristic of measuring devices; tensile, impact, torsion testing combined loading metallography; vibration analysis; and reinforcement of the concepts of material science and mechanics of materials; also provides the opportunity to write good technical reports.

EML 3370L. Fluid Mechanics (3). Prerequisites: EML 3013C; MAP 3305. Application of laws of states, buoyancy, stability, energy, and momentum to the behavior of ideal and real fluids. Flow in pipes and ducts. Dimensional analysis, similarity, and scale models.

EML 3394. Cooperative Work Experience (0). (S/U grade only.)

EML 4161. Cryogenics (3). Prerequisites: EML 3012C; 3016C. Fundamental aspects of cryogenic system engineering; properties of materials and fluids at low temperatures; cryogenic heat transfer and fluid dynamics; low temperature refrigeration and system engineering.

EML 4304L. Thermal-Fluids Laboratory (3). Prerequisites: EML 3015C, 3012C. Corequisite: EML 3016C. Engineering laboratory measurements in fluid and thermal applications, including basic concepts for design of experiments, measurement devices, and their performance characteristics; measurement of fluid and thermal properties, pressure, velocity, and temperature; calibration procedures; experiments in fluid flow and heat transfer; design of engineering experimental systems; laboratory work, report writing.

EML 4312L. Design Analysis in Mechanical and Materials Engineering (3). Prerequisite: EML 3014C. Mathematical modeling of continuous physical systems. Frequency and time domain analysis and design of control systems. State variable representations of physical systems.

EML 4316. Advanced Design and Control of Control Systems (3). Prerequisite EML 4312. Design of control systems for complex and frequency domain systems will be emphasized. Implementation of control systems using continuous (operational amplifier) or digital (microprocessor) techniques will be addressed and practiced.

EML 4421. Fundamentals of Propulsion Systems (3). Prerequisite: EML 3016C. Analysis of the performance of propulsion systems using fundamental principles of thermodynamics, heat transfer, and fluid mechanics. Systems studied include turbojet, turbofan, ramjet engines, as well as piston type internal combustion (IC) engines.

EML 4450. Energy Conversion Systems (3). Prerequisite: EML 3016C. Investigation of such energy conversion systems as the internal combustion engine, compressors and turbines, gas turbines, nuclear power plants, garbage burning power plants, solar, wind, geothermal and electrical systems.

EML 4500. Design of Machine Elements (3). Prerequisites: EGM 4545; EML 3005, 3234. The analysis and design of mechanical components: gears, shafts, linkages, and other integral parts of machines. Analytical techniques and design methods.

EML 4501. Machine Design (3). Prerequisite: EML 3018C. Preparation and presentation of complete designs for various devices, machines, and engineering systems.

EML 4512. Thermal and Fluid Design (3). Prerequisite: EML 3016C. This course is intended to develop the students understanding and understanding of the relationship between fluid mechanics, thermodynamics, and heat transfer in consideration of design. Emphasis is placed upon energy systems components such as heat-exchangers, piping networks, and pumps. Involves a student project.

EML 4535C. Computer Aided Design (CAD) (3). Prerequisite: EML 3018C. Introduction to the theory and practice of computer-aided design: computer graphics, homogeneous transformations and computer-aided modeling and analysis.

EML 4536. Design Using FEM (3). Prerequisite: EML 3018C. The Finite Method - what it is, elementary FEM theory, structures and elements, trusses, beams, and frames, two-dimensional solids, three-dimensional solids, axisymmetric solids, thin-walled structures, static and dynamic problems, available hardware and software tools in FEM analysis, pre/post-processing, interpretation of results, advanced modeling techniques, optimization, advanced materials using FEM.

EML 4542. Materials Selection in Design (3). Prerequisite: EML 3012C; senior standing in mechanical engineering. The selection and application of materials predicated on material science and engineering case studies covering most engineering applications.

EML 4800. Introduction to Robotics (3). Prerequisite: EML 3014C. Corequisite: EML 4535C. Basic elements of a robot, robot actuators, and servo control; sensors, senses, and signal conditioning; and voice/microprocessor system design and computers; kinematic equations; motion trajectories.

EML 4905. Directed Individual Study (1–3). Prerequisite: Junior standing, a "B" average in mechanical engineering courses. May be repeated to a maximum of twelve (12) semester hours.

EML 4921. Engineering Communications (3). Prerequisite: Approval of instructor. Mechanics of effective engineering communications; composition and style of various types of written, graphical, and oral presentations of technical information; critical analysis of specifications related to the design, testing, and performance of components and systems related to engineering practice. EML 4930r. Special Topics in Mechanical Engineering (1–4). Prerequisite: Approval of instructor. Topics in mechanical engineering with emphasis on recent developments. Content and credit will vary. Consult the instructor. May be repeated to a maximum of twelve (12) semester hours.

EML 4945r. Practical Work in Mechanical Engineering (1–3). Prerequisite: Senior standing, a "B" average in mechanical engineering courses. May be repeated to a maximum of six (6) required semester hours.

Graduate Courses

EGM 5351. Advanced Dynamics Systems (3).

EGM 5444. Advanced Control Systems (3). Prerequisite: EML 3012C; senior standing in mechanical engineering. The selection and application of materials predicated on material science and engineering case studies covering most engineering applications.

EML 5702. Advanced Control Systems (3). Prerequisite: EML 3012C; senior standing in mechanical engineering. The selection and application of materials predicated on material science and engineering case studies covering most engineering applications.

EML 5451C. Advanced Design and Analysis of Control Systems (3).

EML 5518. Advanced Thermodynamics (3).

EML 5671. Theoretical Mechanics (3).

EML 5810. Viscous Fluid Flows (3).

EML 6290. Advanced Mechanical Vibrations (3).

EML 6470. Control Systems Design (3).

EML 6605. Computational Materials Science (3).

EML 6842. Advanced Heat Transfer (3).


EML 6925C. Advanced Mechanical Design (3).

EML 6945. Advanced Computational Materials Science (3).

EML 6955. Advanced Materials Science and Engineering (3).

EML 6982. Advanced Heat Transfer (3).

EML 6990. Computational Fluid Dynamics (3).

EML 7015. Advanced Control Theory (3).

EML 7040. Advanced Control Systems (3).

EML 7045. Advanced Thermodynamics (3).
EML 5725. Introduction to Computational Fluid Dynamics (3).
EML 5802. Introduction to Robotics (3).
EML 5835. Advanced Robotics and Mechatronics (3).
EML 5905r. Directed Individual Study (1–6). (S/U grade only.) Prerequisite: Consent of instructor. Study on a selected topic as designated by student or directing professor. May be repeated to a maximum of nine (9) semester hours.
EML 5910r. Supervised Research (1–5). (S/U grade only.)
EML 5930r. Special Topics in Mechanical Engineering (1–6).
EML 5955r. Mechanical Engineering Seminars (0). (S/U grade only.)
EML 5966. Professional Internship Experience in Mechanical Engineering (4).
EML 5971r. Thesis (3–6). (S/U grade only.)
EML 6157. Radiative Heat Transfer (3).
EML 6365. Robust Control (3).

Doctor of Medicine (MD) Courses

First Year Courses

BMS 6015. Doctoring 101 (3).
BMS 6016. Doctoring 102 (6).
BMS 6017. Doctoring 103 (6).
BMS 6110C. Clinical Microscopic Anatomy and Laboratory (4).
BMS 6115C. Clinical Anatomy, Embryology and Imaging (10).
BMS 6204r. Medical Biochemistry and Genetics (5).
BMS 6706C. Clinical Neuroscience (6).
BMS 6840. Internship/Practicum/Clinical Practice (1). (S/U grade only.)

Second Year Courses

BMS 6301. General Medical Microbiology and Infectious Disease (3).
BMS 6302. Systemic Medical Microbiology and Infectious Disease (2).
BMS 6401. General Medical Pharmacology (3).
BMS 6402. Systemic Medical Pharmacology (3).
BMS 6520. Systemic Physiology (2).
BMS 6601. General Pathology and Immunology (4).
BMS 6602. Systemic Pathology and Laboratory Medicine (6).
BMS 6821. Medicine and Behavior I (2).
BMS 6822. Medicine and Behavior II (2).
BMS 6823. Health Issues in Medicine (2).
BMS 6831. Doctoring 201 (6).
BMS 6832. Doctoring 202 (8).
BMS 6900. Directed Individual Study in Biomedical and Clinical (2-9). (S/U grade only.)

Third Year Courses

BCC 7112. Internal Medicine (8).
BCC 7130. Obstetrics/Gynecology Clerkship (6).
BCC 7140. Pediatrics Clerkship (6).
BCC 7150. Psychiatry Clerkship (6).
BCC 7160. Surgery Clerkship (8).
BCC 7170. Community Medicine (3).
BCC 7175. Clerkship in Family Medicine (6).
BCC 7182. Doctoring 3 (6).

Fourth Year Required Clerkships

BCC 7113. Advanced Internal Medicine Clerkship (4).
BCC 7174. Primary Care Geriatrics (4).

Fourth Year Elective Courses

Note: All courses listed below require successful completion of Third Year coursework prior to enrollment.

Emergency Medicine

MEL 7373r. Pre-Hospital Care Research (4).
MEL 7580r. Pediatric Emergency Medicine (4).
MEL 7752r. Emergency Medical Services Systems and Pre-Hospital Care (4).

Family Medicine

MEL 7249r. Family Medicine with Special Emphasis on Sports Medicine (4).
MEL 7254r. Family Medicine in Underserved Populations (4).
MEL 7258r. Rural Family Medicine (4).
MEL 7259r. Family Medicine in a Setting of Medical Urgent Care (4).
MEL 7323r. Health Plan and Medical Management (4).
MEL 7381r. Family Medicine Research/Scholarly Activity (2–4).
Geriatrics
MEL 7128r. Geriatrics, Physical Medicine, and Rehabilitation (2–4).
MEL 7209r. Hospice Care (2–4).
MEL 7245r. Special Topics in Geriatrics (2–4).
MEL 7246r. The Role of a Geriatrician (2–4).
MEL 7247r. Hospital-Based Care of the Older Adult (2–4).
MEL 7248r. Subacute Skilled Nursing Facility Care (2–4).
MEL 7257r. Community-Based Care of the Older Adult (2–4).
MEL 7333r. Geriatric Retirement Center Care (4).
MEL 7346r. Clinical Geriatrics (4).
MEL 7618r. Dementia: Evaluation and Management (2–4).

Internal Medicine
BMS 7181r. Clinical Neurosciences (4).
MEL 7105r. Advanced Ambulatory Care (4).
MEL 7125r. Inpatient (Hospitalist) Medicine (4).
MEL 7127r. Occupational Medicine (4).
MEL 7129r. Palliative Care (4).
MEL 7200r. General Internal Medicine (4).
MEL 7301r. Advanced Internal Medicine (4).
MEL 7302r. Cardiology (4).
MEL 7305r. Endocrinology (2–4).
MEL 7306r. Gastroenterology (4).
MEL 7309r. Hematology Oncology (4).
MEL 7313r. Nephrology (2–4).
MEL 7317r. Adult and Pediatric Allergy (2–4).
MEL 7321r. Dermatology (2–4).
MEL 7322r. Medical Intensive Care Unit (4).
MEL 7324r. Critical Care Elective (4).
MEL 7325r. Adult Outpatient Medicine (4).
MEL 7327r. Dermatology and Moh’s Surgery (2–4).
MEL 7338r. Sleep Medicine (2).
MEL 7339r. Rheumatology (4).
MEL 7340r. Pulmonary Medicine/Critical Care (4).
MEL 7353r. Infectious Disease (4).
MEL 7354r. Pulmonology (4).
MEL 7671r. Neurology (2–4).

OB/GYN
MEL 7269r. Women’s Health Issues in At-Risk and Underserved Populations (4).
MEL 7270r. Psychosocial Issues in Women’s Health (4).
MEL 7401r. Special Topics in Obstetrics and Gynecology (2–4).
MEL 7403r. Advanced Gynecology and Gynecological Surgery (4).
MEL 7404r. Gynecological Oncology (4).
MEL 7409r. Maternal/Fetal Medicine (4).
MEL 7410r. Reproductive Endocrinology/Infertility (4).
MEL 7418r. Advanced Obstetrics (4).
MEL 7419r. Advanced Obstetrics and Gynecology (4).

Other
BMS 7189r. Special Topics in Clinical Anatomy (4).
BMS 7662r. Pathology and Basic Laboratory Medicine (4).
BMS 7663r. Anatomic Pathology (2–4).
BMS 7669r. Pathology Practice in the Community Setting (4).
MEL 6017. Medical Spanish I (2).
MEL 6119. Medical Spanish II (2).
MEL 7101r. Special Topics in Clinical Sciences (2–4).
MEL 7110r. Bioethics on Film (2).
MEL 7111r. Clinical Ethics in Practice (2).
MEL 7118r. Special Topics in Medical Humanities and Social Sciences (4).
MEL 7119r. Research Ethics (2).
MEL 7120r. Psychosocial Issues in Underserved Populations (4).
MEL 7121r. Patient Safety in the Physician’s Practice (4).
MEL 7123r. International Medicine Elective (2–4).
MEL 7124r. Implications of Health Policy to the Healthcare System (2).
MEL 7359r. Physical Medicine and Rehabilitation (2–12).
MEL 7363r. Clinical Infectious Diseases, Hyperbaric Medicine and Wound Care (4).
MEL 7374r. Clinical Research (4).
MEL 7375r. Special Topics in Health Research (4).
MEL 7555r. General Inpatient Pediatrics (4).

Academic Programs
MEL 7582r. Pediatric Infectious Diseases (4).
MEL 7704r. Diagnostic Radiology (2–4).
MEL 7706r. Interventional Radiology (4).
MEL 7709r. Special Topics in Radiology (4).
MEL 7740r. Radiation Oncology (4).
MEL 7751r. Emergency Medical Service Care and Administration (4).

Pediatrics
MEL 7552r. Pediatric Inpatient Subinternship (4).
MEL 7554r. Ambulatory Pediatrics (4).
MEL 7561r. Special Topics in Pediatrics (2–4).
MEL 7562r. Children’s Abuse and Neglect (4).
MEL 7563r. Pediatric Nephrology (4).
MEL 7564r. Pediatric Neurology (4).
MEL 7566r. Pediatric Endocrinology (4).
MEL 7568r. Pediatric Hematology/Oncology (4).
MEL 7569r. Neonatal Intensive Care (4).
MEL 7570r. Pediatric Genetics and Metabolism (4).
MEL 7571r. Developmental/Behavioral Pediatric Medicine (4).
MEL 7574r. Pediatric Pulmonary Medicine (4).
MEL 7575r. Pediatric Critical Care (4).
MEL 7578r. Pediatric Cardiology (4).
MEL 7579r. Pediatric Gastroenterology (4).
MEL 7583r. Adolescent Medicine (4).
MEL 7590r. Research Topics in Neonatology (4).

Psychiatry
MEL 7122r. Medical/Psychiatric Elective (2–4).
MEL 7126r. Psychiatry Consult Liaison Elective (4).
MEL 7601r. Outpatient Psychiatry (2–4).
MEL 7603r. Child and Adolescent Psychiatry (2–4).
MEL 7604r. Outpatient Care of the Chronically Mentally Ill (2–4).
MEL 7605r. Inpatient Psychiatry (2–4).
MEL 7609r. Special Topics in Psychiatry (2–4).
MEL 7612r. Geriatric Psychiatry (2–4).
MEL 7613r. Adolescent Psychiatry (2–4).
MEL 7616r. Addiction Medicine (4).

Surgery
MEL 7129r. Podiatry (4).
MEL 7244r. Sports Medicine - Orthopedic and Primary Care Perspectives (4).
MEL 7501r. General Ophthalmology (2–4).
MEL 7503r. Pediatric Ophthalmology (2).
MEL 7760r. Anesthesiology (2–4).
MEL 7805r. Plastic Surgery (4).
MEL 7807r. Cardiovascular-Thoracic Surgery (4).
MEL 7809r. Trauma Surgery (4).
MEL 7812r. Neurosurgery (4).
MEL 7814r. Advanced General Surgery (4).
MEL 7817r. Orthopedic Surgery (4).
MEL 7818r. Pediatric Surgery (4).
MEL 7820r. Colon and Rectal Surgery (4).
MEL 7822r. Urology (4).
MEL 7826r. Pediatric Orthopedic Surgery (2).
MEL 7827r. Intensive Care Units in the Hospital (4).
MEL 7837r. Pediatric Ear, Nose and Throat and Head and Neck Surgery (2–4).
MEL 7838r. Ear, Nose and Throat and Head and Neck Surgery in Adults and Children (2–4).
MEL 7839r. Burn Care (4).
MEL 7884r. Vascular Surgery (4).

Externships
BMS 7680r. Medical Externship in Pathology - Anatomic and Clinical (2–9).
MEL 7290r. Medical Externship in Family Medicine (2–9).
MEL 7291r. Medical Externship in Geriatrics (2–9).
MEL 7309r. Medical Externship in Clinical Research (2–9).
MEL 7309r. Medical Externship in Internal Medicine (2–9).
MEL 7391r. Medical Externship in Dermatology (2–9).
MEL 7392r. Medical Externship in Infectious Disease Medicine (2–9).
MEL 7393r. Medical Externship in Physical Medicine and Rehabilitation (2–9).
MEL 7401r. Medical Externship in Obstetrics and Gynecology (2–9).
MEL 7402r. Medical Externship in Oncology (2–9).
MEL 7540r. Medical Externship in Pediatrics (2–9).
Department of METEOROLOGY

COLLEGE OF ARTS AND SCIENCES
+ Joint appointment with the Department of Oceanography
# Also Faculty Associate, School of Computational Science (SCS)

The Department of Meteorology was founded in 1949 and throughout its history has been one of the leading meteorology programs in the country. It is the flagship meteorology department in the southeastern United States, offering degrees from the bachelor of science (BS) through the doctor of philosophy (PhD). The program at The Florida State University is considered to be one of the top five comprehensive meteorology programs in the nation.

Members of the Department of Meteorology enjoy the benefits of advanced scientific equipment and a cooperative research environment with the departments of Mathematics and Oceanography, the Geophysical Fluid Dynamics Institute (GFDI), and the School of Computational Science (SCS). Scientific computations are handled on equipment ranging from PCs and Macintosh computers to networks of scientific workstations and a departmental supercomputer. A high-speed network connects the department to campus and other supercomputer centers and research laboratories via a very fast campus backbone and excellent Internet connectivity to the outside world.

The department maintains a full suite of weather applications software (including those supported by the Unidata program) and receives real-time National Weather Service data feeds. We also manage our own weather satellite receiving stations for instructional and research use. A public area for current weather discussions and classes includes combinations of weather maps and computer displays. Two departmental computing laboratories are well-populated with networked Sun and Linux workstations. The Florida Climate Center and Office of the State Climatologist are housed in the department and are equipped with archives of Florida weather and climate records, including computerized CD-ROM databases. An instrumentation facility is also housed in the department, including data loggers and a variety of modern and historical instruments, and a rooftop meteorological tower for real-time local observations.

The department has a complete television studio equipped with state-of-the-art broadcasting technology, where students prepare weathercasts for class (MET 3940) and for regular broadcasts on The Florida State University’s cable Channel 4. Students often use this experience to develop internships with television stations or networks. Other internship opportunities through private companies, or state, local, or Federal agencies also are possible. In particular, partnerships and internships with the headquarters of state government agencies located in Tallahassee continue to offer new opportunities for our students.

The EXPLORES! educational outreach program, the NOAA Cooperative Institute in Tropical Meteorology, and the Center for Ocean-Atmosphere Prediction Studies (COAPS) formed within the department in the 1990s. These programs focus on faculty interactions with science teachers, operational meteorologists, and other researchers in exciting new fields of research. A new building that houses the National Weather Service in Tallahassee was completed in 2002 as an addition to the Meteorology/Mathematics building, which has further strengthened the department’s ties to the weather forecast community.

National and international honors have been bestowed upon departmental faculty members. Six members of the meteorology faculty are Fellows of the American Meteorological Society (AMS). Dr. O’Brien has received the AMS Sverdrup Gold Medal, and Dr. T. Krishnamurti has received the AMS Second Half Century Award and the Rossby Research Medal, as well as the World Meteorological Organization’s IMO Prize.

For additional information, see the department’s Web site at http://www.met.fsu.edu/.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. MAC X311;
2. MAC X312;
3. PHY X048/X048L or PHY X048;
4. PHY X049/X049L or PHY X049.

Requirements for a Major in Meteorology

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. A detailed handout for meteorology majors entitled Undergraduate Program in Meteorology is available in the departmental office.

Meteorology is a quantitative science requiring extensive preparation in mathematics and physics. Freshmen entering the program are urged to take the College-Level Examination Program (CLEP) or other exemption examinations in order to realize maximum flexibility.

The Department of Meteorology offers a degree program that prepares students for a diverse number of careers, as well as graduate school. It is highly recommended that students meet regularly with their assigned academic adviser to tailor electives towards the students’ goals.

Meteorology majors are advised to complete a graduation check with the academic coordinator at least one semester prior to graduation. Graduating students also must complete a written exit survey in their final semester, and if possible, an exit interview with the departmental representative. This interview will discuss information provided from the
written exit survey. The College of Arts and Sciences will not approve graduation without receiving the written exit survey.

Coursework and Requirements

Required meteorology coursework. MET 2101, 2502C, 2700, 3220C, 3300, 4301, 4302, 4420, 4500C, and 4501C.

Required courses in mathematics begin with MAC 2311, which may not be taken without its prerequisite courses, MAC 1114 and MAC 1140 or 1147. The following courses, required of all meteorology majors, constitute a minor in mathematics: MAC 2311, 2312, 2313; MAP 2302 or 3305. MAP 3306 or 4341 is strongly recommended for those students wishing to attend graduate school, as is MET 4450.

All students also must complete CHM 1045C, PHY 2048C, and PHY 2049C. Students who wish to take MET 4450 should also take PHY 3101; this provides such students with a second minor in physics. Computer science also has arranged for a special minor for meteorology majors (see department for details). Students wishing to pursue a career in operational meteorology must take either MET 4400C or 4450.

The bachelor of arts (BA) degree may be obtained by completing the bachelor of science (BS) degree requirements plus additional courses required by the University.

Academic Performance

All 2000- and 3000-level meteorology courses must be completed with a grade of "C" (2.0) or better to continue to the 4000-level courses. A student who has received more than five unsatisfactory grades (U, D, F, D-, D+) in courses required for a major in meteorology (chemistry, mathematics, meteorology, or physics) at The Florida State University or elsewhere, whether repeated or not, will not be permitted to graduate with a degree in meteorology. A grade point average of at least 2.00 is required for all meteorology courses numbered 2000 or higher. No more than a total of three (3) S/U grade only MET prefix courses may be used for the total semester hour requirement for a degree in meteorology.

Honors in the Major

The Department of Meteorology offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Meteorology

Requirements for a minor in meteorology must be discussed on an individual basis with a meteorology faculty adviser or academic coordinator. Options are available and must be matched to a student’s academic background, and generally require meteorology and mathematics coursework. Additional information is available from the academic coordinator in the Department of Meteorology. In no case may more than three (3) semester hours in S/U courses apply towards a minor in meteorology.

Class Attendance

A first-day attendance policy will be enforced. Anyone not attending class the first day will be dropped by the department.

Definition of Prefixes

ESC—Earth Science
ISC—Interdisciplinary Sciences
MAP—Mathematics Applied
MET—Meteorology
OCP—Physical Oceanography
SCE—Science Education

Undergraduate Courses

ESC 2000C. Earth Science for EC/EE Teachers (4).

AND

SCE 4093r. Seminar in Contemporary Science, Mathematics, and Science Education (1).

Note: For descriptions of the courses listed above, see interdisciplinary science courses listed in the “College of Arts and Sciences” chapter of this General Bulletin.

MET 1010. Introduction to the Atmosphere (3). Structure of the atmosphere; weather processes and weather systems, including climatic processes. Credit may not be received in this course if student has already received credit in 2000-level or higher MET courses.

MET 1911. Introductory Meteorology Laboratory (1). Prerequisites: MAC 1105 or equivalent; college-level algebra. Corequisite: MET 1010. Two (2) hours per week. Data analysis, instruments, and weather system models.

SCE 4365C. Teaching Earth and Space Science (3). This course examines the pedagogical content knowledge needed to teach earth and space science.

Introductory Courses for Majors


MET 2502C. Weather Analysis and Forecasting (2). Prerequisite: MET 2700. This course is an introduction to meteorological observations, data, codes, and scalar analysis practices. Weather applications software systems and computing environments for meteorological observations, data, and scalar analysis practices are examined.

MET 2700. General Meteorology (3). Prerequisites: CHM 1045C, MAC 2311. Corequisite: PHY 2048C. Atmospheric structure and composition; weather and circulation systems; physics of atmospheric processes, including thermodynamics of dry and moist air.

MET 3940r. Cooperative Education Work Experience (0). (S/U grade only.)

Required Courses for Majors

MET 2220C. Meteorological Computations (3). Prerequisites: MAP 2302; MET 2101, 2700. Solution of meteorological problems using computer and statistical programs; distributions of random variables; meteorological programming.

MET 3300. Introduction to Atmospheric Dynamics (3). Prerequisites: MAC 2312 ("C-" or better); MET 2700 ("C" or better). This course will examine a variety of topics, including equations of motion, mass conservation, thermodynamics, vorticity, and geostrophic and geopotential winds.

MET 4301. Atmospheric Dynamics I (4). Prerequisites: MET 3300 ("C" or better); MAP 2302 or 3305. Corequisite: MET 4420. Acceleration in rotating curvilinear coordinates; momentum, continuity, and energy equations; geostrophic, gradient, and thermal winds; potential temperature and potential coordinates; circulation and vorticity theorems; scale analysis; Reynolds stresses; Brunt and Ekman layers; developing baroclinic systems.

MET 4302. Atmospheric Dynamics II (4). Prerequisite: MET 4301. Linear perturbation theory; sound, gravity, and Rossby waves; numerical weather prediction; baroclinic and barotropic instability; energetics. An introduction to theory of partial differential equations applied to meteorological problems also is presented.

MET 4420. Atmospheric Physics I (3). Prerequisites: PHY 2048C, 2049C; MET 2700 ("C-" or better); MAC 2313. Classical equilibrium thermodynamics; first and second law; entropy, phase changes, potentials. Physics of moist air; physics of aerosols; condensation of water vapor on aerosols.

MET 4500C. Synoptic Lecture-Laboratory I: Basic Analysis Techniques (3). Prerequisites: MET 2400C, 2500C; MAC 2313; 2312; 3300; consent of instructor. Corequisites: MET 4301 or 5311; MET 4420; CGS 3460 or other programming language. Analysis of scalar and vector fields, introduction to the three-dimensional structure of atmospheric systems, and thermodynamic diagrams.

MET 4501C. Synoptic Lecture-Laboratory II: Four-Dimensional Structure (4). Prerequisites: MET 4301 or 5311; MET 4420, 4500C; STA 2122 or equivalent. Synoptic calculation and four-dimensional analysis of weather systems.

Elective Courses for Majors

MET 3520r. Current Weather Discussion (1). (S/U grade only.) Prerequisite: MET 2700. Discussion of facsimile analysis and prediction materials. Three meetings per week. May be repeated to a maximum of four (4) semester hours.

MET 3940r. Weathercasting (1). (S/U grade only.) Prerequisite: MET 1010 or Corequisite: MET 2101. Practice in preparing and presenting weathercasts for radio and television. May be repeated to a maximum of four (4) semester hours.

MET 4130. Advanced Physical Climatology (2). Prerequisites: MET 2101 ("C" or better); MAC 2312. Treatment of causes of climate in terms of physical, dynamical, and geographical factors. Corequisites: MET 2101, 3306; or consent of instructor. Selected topics in meteorology and climatology not covered in other courses. May be repeated for different material to a maximum of twelve (12) semester hours.

MET 4159r. Selected Topics in Meteorology (1–3). Prerequisite: MET 2700 ("C" or better). Corequisites: MET 2101, 3306; or consent of instructor. Selected topics in meteorology and climatology not covered in other courses. May be repeated for different material to a maximum of twelve (12) semester hours.

MET 4400C. Meteorological Instrumentation and Observations (3). Prerequisites: PHY 2048C and MET 2700, both with a grade of "C" or better. Two (2) hours lecture, three (3) hours laboratory. Theory and practice of calibration and operation of basic sensors. Measurement of temperature, heat flow, fluid flow, pressure, and moisture.


MET 4705. Operational Meteorology (2). Prerequisite: MET 4500C. This course introduces observational analysis products used in operational weather forecast offices. Topics include applications of radar and satellite data, the various applications of numerical weather prediction, and types of weather forecasts.

MET 4900r. Honors Work (1–5). May be repeated to a maximum of nine (9) semester hours. May be repeated to a maximum of nine (9) semester hours. Supervised internship individually assigned to accommodate students background and objectives. Credit proportional to scope and significance of work.
Graduate Courses

Dynamical Meteorology

MAP 5431. Introduction to Fluid Dynamics (3).
MAP 6434r. Advanced Topics in Hydrodynamics (3).
MET 5311. Advanced Dynamic Meteorology I (3).
MET 5312. Advanced Dynamic Meteorology II (3).
MET 5340r. Large-Scale Atmospheric Circulations (3).
MET 5406. Satellite Observations and Their Applications in Numerical Weather Prediction (3).
MET 5541r. Dynamical Weather Prediction (3).
MET 6308r. Advanced Topics in Dynamical Meteorology (3).
OCP 6253. Fluid Dynamics: Geophysical Applications (3).

Physical Meteorology

MET 5403C. Meteorological Instruments and Observations (3).
MET 5407. Fundamentals of Atmospheric Data Assimilation (3).
MET 5411. Radar Meteorology (3).
MET 5421. Radiative Transfer (3).
MET 5425. Advanced Atmospheric Physics I (3).
MET 5451. Advanced Physical Meteorology II (3).
MET 5455. Cloud Physics (3).
MET 5471. Planetary Atmospheres (3).
MET 6480r. Advanced Topics in Physical Meteorology (3).

Synoptic Meteorology

MET 5505C. Advanced Synoptic Lecture Laboratory I (3).
MET 5506C. Advanced Synoptic Lecture Laboratory II (4).
MET 5510C. Midlatitude Synoptic Scale Systems (4).
MET 5511C. Meso-Meteorology Lecture Laboratory (4).
MET 5533. Tropical Meteorology I (3).
MET 5534. Tropical Meteorology II (3).
MET 5550. Statistical Weather Prediction (3).
MET 6561r. Advanced Topics in Synoptic Meteorology (3).

Climatology

MET 5105. Global Climate System (3).
MET 5135. Dynamic Climatology (3).
MET 6155r. Advanced Topics in Climatology (1–3).

Other Courses

MET 5900r. Applied Time Series Analysis (3).
MET 5905r. Directed Individual Study (1–3). (S/U grade only.)
MET 5906r. Directed Individual Study (1–3).
MET 5910r. Supervised Research (1–5). (S/U grade only.)
MET 5920r. Colloquium: Topics in Meteorology Research (1). (S/U grade only.)
MET 5930. Master’s Seminar (2).
MET 5971r. Thesis (1–6). (S/U grade only.)
MET 5976r. Supervised Teaching (1–5). (S/U grade only)
MET 6906r. Directed Individual Study (1–3). (S/U grade only)
MET 6930r. Doctoral Seminar (1).
MET 6980r. Dissertation (1–12). (S/U grade only)
MET 8964r. Preliminary Doctoral Examination (0).
MET 8965r. Master’s Comprehensive Examination (0).
MET 8976r. Master’s Thesis Defense (0).
MET 8990r. Dissertation Defense (0).
OCP 5271. Turbulence (3).
OCP 5551. Physics of the Air-Sea Boundary Layer (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MICROBIOLOGY: see Biological Science
Program in
MIDDLE EASTERN STUDIES

COLLEGE OF ARTS AND SCIENCES

Director: Peter Garretson (History)
Co-Director: Zeina Schlenoff (Modern Languages and Linguistics)
Advisers: Garretson (History), Schlenoff (Modern Languages and Linguistics)

The Departments of Anthropology, Classics, Economics, English, History, Modern Languages, Music, Religion and Urban and Regional Planning offer an interdisciplinary major and minor in Middle Eastern Studies at the undergraduate level. The program is designed for: (1) general liberal arts students who wish to learn more about the Middle East; (2) students who wish to pursue graduate work in this field; and (3) students who seek employment in or relating to the Middle East. The Middle East Center administers the major. A Bachelor of Arts (BA) degree in Middle Eastern Studies responds directly to a national and regional demand for resources and information to educate students, professionals, and the surrounding community about this important region of the world. An increasing number of jobs are available nationally and throughout the world for those with expertise in the Middle East and its languages.

For more information, please refer to http://www.fsu.edu/~mec.

Admission

Students must complete fifty-two (52) semester hours with an adjusted GPA of 2.0 on all University coursework and have completed at least half the required Liberal Studies hours or an A.A. degree.

Requirements for a Major in Middle Eastern Studies

Students majoring in Middle Eastern Studies are to construct their study program, in consultation with an adviser, around three components in addition to the University requirement for Liberal Studies and Electives. A total of fifty-four (54) semester hours beyond the Liberal Studies requirement is required. A list of approved courses is available with the program advisers.

The three major components for a BA degree in Middle Eastern Studies are:

1. Major requirement. Students are to take a minimum of thirty-six (36) semester hours from among those area-specific upper level courses listed for their major track. The hours should be distributed among at least 3 departments participating in the program.

2. Middle East Survey requirement. Students are required to take Middle East Survey, a three (3) semester hour course.

3. Language requirement. Fifteen (15) semester hours of coursework is required in a relevant area language (Arabic, Hebrew, or any other Middle Eastern language that might be offered on campus in the future). The hours must be focused upon one specific language.

Students are encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional coursework on the FSU campus or by participating in a semester or summer abroad program in their relevant cultural area as such programs are available. To encourage the achievement of language proficiency, language coursework hours taken beyond the fourth semester of foreign language requirement may be counted towards the required thirty-six (36) hours for the major. A separate minor is not currently required for the Middle Eastern Studies major, as a secondary area of major coursework constitutes a collateral minor.

Minor in Middle Eastern Studies

Coordinating Committee: Peter Garretson (History; Committee Chair), Zeina Schlenoff (Modern Languages), David Levenson (Religion), John Kelsaw (Religion), Daniel Pullen (Classics)

The Middle Eastern Studies minor is concerned with the cultures of the Middle East from ancient times to the present. Utilizing the resources of a number of departments and programs, it allows the student to study the region from an interdisciplinary perspective. The minor can provide a Middle East focus for work in another discipline, can build a foundation necessary for advanced degrees in Middle Eastern Studies, and can enable those planning to work in the region to gain a fuller understanding of its cultures.

Requirements for a Minor in Middle Eastern Studies

The minor will consist of fifteen (15) semester hours and must include intermediate-level (2200 level) competence in Hebrew (Biblical or Modern), Arabic or another Middle Eastern language approved by the committee. No more than eight (8) semester hours of language courses may be counted towards the minor. No course taken for the minor may be used to fulfill any University Language requirement. The remaining required hours must come either from the courses listed below or be approved by the coordinating committee.

Core Courses

Note: Course descriptions can be found in the chapter corresponding to the department in which each course is taught.

Art History

ARH 4118 Archaeology of Ancient Egypt (3)

Economics

ECS 4504 Economics of the Middle East (3)

Geography

GEO 4930 Special Topics in Geography [Middle East] (3)

History

AFH 4302 Northern African History: A Survey (3)
ASH 1044 Middle Eastern History and Civilization (3)
ASH 3200 History of the Ancient Near East (3)
ASH 3230 Middle East Survey (3).
ASH 4223 Modern Middle East (3)
ASH 4261 Central Asia Since the Mongols (3)
EUSH 3420 Rise and Fall of Classical Civilization (3)

Note: ASH 3230 is a required course for all students majoring in Middle Eastern Studies.

Modern Languages

ARA 1120 Elementary Arabic I (4)
ARA 1121 Elementary Arabic II (4)
ARA 2200 Intermediate Arabic (4)
ARA 2240 Conversational Arabic (3)
FOL 3930 Experiments in Modern Language [Topics in Arabic] (3)
FRE 4930 Special Topics [Postcolonialism and Francophone Literatures] (3)
HBR 1102 Beginning Hebrew I (4)
HBR 1103 Beginning Hebrew II (4)
HBR 1120 Elementary Modern Hebrew I (4)
HBR 1121 Elementary Modern Hebrew II (4)
HBR 2200 Intermediate Modern Hebrew (4)
HBR 2202 Intermediate Hebrew (4)

Political Science

CPO 3403 Comparative Government and Politics: The Middle East (3)
IR 4274 Studies in International Politics: The Middle East (3)

Religion

REL 2210 Introduction to the Old Testament (3)
REL 3363 The Islamic Tradition (3)
REL 3600 The Jewish Tradition (3)
REL 4203r Readings in Classical Hebrew Texts (1–3)
REL 4323 Religions of the Ancient Near East (3)
REL 4613 Modern Judaism (3)
REL 4617 Judaism in the Graeco-Roman World (3)

Urban and Regional Planning

URP 4936 Special Topics in Urban and Regional Planning [Gender and Development] (3)

Related Courses

Note: The following courses require an adviser’s approval.
Anthropology
ANT 4175 Archaeology of the Islamic World (3).
ANT 4930 Special Topics in Anthropology (3)

Art History
ARH 3800r Methods of Art Criticism (3)
ARH 4151 Art and Archaeology of the Early Roman Empire (3)
ARH 4210 Early Christian and Byzantine Art (3)

English
ENG 4905 Directed Individual Study [Critical Theory of Globalization] (1-3)
LIT 4233 Anglophone Postcolonial Literature (3)

History
HIS 4930r Special Topics in History (3)

Department of MIDDLE AND SECONDARY EDUCATION

COLLEGE OF EDUCATION

Chair: Pamela S. Carroll
The Department of Middle and Secondary Education consists of six program areas: English education, health education, mathematics education, multilingual/multicultural education, science education, and social science education. Each of these program areas offers undergraduate degrees to prepare middle and high school teachers in specific disciplines. Successful completion of a degree qualifies candidates for certification to teach in high schools in Florida and for national certification. Please refer to the ‘Teacher Preparation General Education Requirements’ section of the “College of Education” chapter in this General Bulletin for additional details.

The following majors and certificates are offered by the Department of Middle and Secondary Education:

- Community health education
- English education (middle and secondary English)
- Health education (school health and community health)
- Mathematics education (middle and secondary mathematics)
- Middle grade mathematics education
- Multilingual/multicultural education (French, German, Latin, and Spanish)
- Science education (biology, chemistry, earth-space science, middle grades science, and physics)
- Secondary mathematics education
- Social science education
- Certificate in teaching English to speakers of other languages, undergraduate/graduate

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for the following University degree programs. Specific prerequisites are required for admission into the upper-division programs and must be completed by the student at either a community college or a state university prior to being admitted to these programs. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into these upper-division degree programs:

English Teacher Education
1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics; natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry.
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

5. Plus the following general program prerequisites:
   a. SPC X600;
   b. One three (3) semester hour literature course;
   c. Three (3) semester hours of electives in English.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Note: Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

Foreign Languages Teacher Education
1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry.
MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;

c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;

d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;

e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

5. **Plus** the following general program prerequisites:

   At least twelve (12) semester hours must come from the following areas: courses in elementary and intermediate grammar, composition and advanced conversation; and culture and civilization in the target language.

   Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

   In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

   Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

### Health Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical science, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

5. **Plus** the following general program prerequisites:
   a. Personal health: three (3) semester hours;
   b. Three (3) semester hours of anatomy and physiology plus lab;
   c. Introduction to nutrition: three (3) semester hours;
   d. Six (6) semester hours of electives in health, natural and social sciences.

   Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

   In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

   Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

### Biology Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

5. **Plus** the following general program prerequisites:
   a. Eight (8) semester hours of biology with lab;
   b. Eight (8) semester hours of chemistry with lab or physics with lab;
   c. Six (6) semester hours of electives in science.

   Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

   In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

   Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

### Chemistry Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.
5. **Plus** the following general program prerequisites:
   a. Eight (8) semester hours of chemistry with lab;
   b. Eight (8) semester hours of biology with lab or physics with lab;
   c. Six (6) semester hours of electives in science.

   Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

   In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

   Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

   **Note:** Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Earth/Space Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences.
5. **Plus** the following general program prerequisites:
   a. Eight (8) semester hours of biology with lab or chemistry with lab or physics with lab;
   b. Four (4) semester hours of geology with lab;
   c. Three (3) semester hours of oceanography.

   Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

   In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

   Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

   **Note:** Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Middle Grades Science Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.
5. **Plus** the following general program prerequisites:
   a. Eight (8) semester hours of physics with lab;
   b. Eight (8) semester hours of biology with lab or chemistry with lab;
   c. Six (6) semester hours of electives in science.

   Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

   In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

   Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

   **Note:** Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Physics Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.
5. **Plus** the following general program prerequisites:
   a. Eight (8) semester hours of biology with lab or chemistry with lab or physics with lab;
   b. Four (4) semester hours of geology with lab;
   c. Three (3) semester hours of oceanography.

   Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.
In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Note: Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Secondary Mathematics Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

5. Plus the following general program prerequisites:
   a. Four (4) semester hours of calculus and analytic geometry I;
   b. Four (4) semester hours of calculus and analytic geometry II;
   c. Four (4) semester hours of electives in mathematics;
   d. Three (3) semester hours of computer programming language (applicable to microcomputer).

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Note: Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Social Sciences Teacher Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

5. Plus the following general program prerequisites:
   a. Three (3) semester hours of American Government;
   b. One course each from four of the following six areas for a total of twelve (12) semester hours: anthropology, cultural geography, economics, history, psychology, and sociology.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG 2701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

### Junior High/Middle School Mathematics Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry.
Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

### Programs

Students should note that the following courses are applicable to each of the major programs in middle and secondary education, listed below.

#### Definition of Prefixes

**EDG** — Education: General  
**EDM** — Education: Middle School

#### Undergraduate Courses

**EDG 2701. Teaching Diverse Populations** (3). Students will acquire an understanding of the complexity and diversity in the American and Florida populations in general and the school and community populations in particular. Students will participate in a field-based experience.

**EDM 3001. Introduction to Middle School** (3). This course is designed to give the student an introduction to the modern middle school. It will include the philosophy and practice of the ideal middle school. The development of the middle school will be studied.

### ENGLISH EDUCATION

**Professor:** Carroll; **Associate Professor:** Wood; **Assistant Professor:** Steadman; **Professor Emeritus:** Simmons

#### Secondary English Education Undergraduate Program

The program in English education requires course work in English, English education, teaching English as a second language, and professional education. After meeting State of Florida Common Course prerequisites, students in English education must complete a minimum of twenty-one (21) semester hours of English course work. Courses must include those that focus specifically on these areas: minority American literature, American literature, multicultural literature, Shakespeare, British literature, linguistics, and advanced composition. Students should see an adviser in English Education for specific courses satisfying these requirements.

In English education, candidates must complete LAE 3331, 3333, 4232, 4530, 4860, 4941, 4942 (student teaching) and an approved reading course. Additional English education course work may be taken as independent study (LAE 4905e) or in special topics in teaching English (LAE 4930).

All candidates also are required to take TSL 3130 and 4240. When taken in conjunction with the courses listed above, students become eligible for the state ESOL endorsement in teaching English as a second language. They also must pass the subject area and professional knowledge portions of the Florida Teacher Certification Examination prior to graduation, and must pass the General Knowledge portion prior to admission to the program.

Six (6) semester hours of upper division professional education courses are required (as explained in the College of Education section of this General Bulletin). Students must complete all required course work before being admitted to student teaching. Students are encouraged to student teach in the local area (Area I) or in the other areas supported by the College of Education.

In addition to meeting the College of Education criteria for admission to teacher education, students must meet the following standards in order to student teach: 1) a minimum 2.75 grade point average (GPA) in English courses, including TSL courses; 2) a minimum 3.0 GPA in English education courses; 3) a minimum 2.75 GPA in professional education courses; 4) completion of all required English education courses with no lower than a "C+"; and 5) approval by the English education faculty.

Students who fail to meet any one of these criteria will not be allowed to student teach.

Students who meet certification requirements in English may seek to obtain certification in speech. Consult the College of Communication for current speech certification requirements. For more information, please visit www.fsu.edu/~mse/Programs/English/index.html.

### Definition of Prefixes

**LAE** — Language Arts and English Education  
**RED** — Reading Education  
**TSL** — Teaching English as a Second Language

#### Undergraduate Courses

Note: English Education majors also must complete coursework offered through the Department of English, the Educational Foundations Program, the Educational Psychology Program, and the Multilingual/Multicultural Education Program. Please see the department for details.

**LAE 3331. Teaching Literature and Drama in High Schools** (3). Prerequisite: a minimum of six (6) semester hours of literature at the 2000, 3000, and/or 4000 level. Recent adolescent literature, resources and methods for teaching literature in high schools, uses of creative dramatics in teaching literature and language skills.

**LAE 3333. Teaching Writing and Language in High Schools** (3). Prerequisite: a minimum of six (6) semester hours in composition. Attitudes, materials, and procedures for teaching written composition, language, and grammar; planning instruction and evaluating student achievement.

**LAE 4323. Teaching English in the Middle School** (3). Prerequisite: a minimum of six (6) semester hours of literature and six (6) semester hours of composition. Review of contemporary approaches to instruction in young adult literature, language, and language development; oral and written composition, corrective and developmental reading, and study skills. All English components will be considered in the light of early adolescent learning characteristics.

**LAE 4332. Applied English Linguistics for Teachers** (3). Prerequisite: a minimum of six (6) semester hours in composition and six (6) semester hours in literature. A course for prospective middle and high school teachers in contemporary approaches to English linguistics taught in Florida public secondary schools: grammar, usage, dialectology, diction (vocabulary development), semantics, and lexicography. Linguistic content will be related to contemporary theories of learning.

**LAE 4360. Classroom Management and Planning Instruction in Middle/High School English** (3). Prerequisites: LAE 3331 and 3333. To be taken during the final semester of course work, with LAE 4941. A careful consideration of the role of the secondary schoolteacher of English with special attention to effective classroom management and planning for instruction and evaluation of student progress.

**LAE 4530. Reading Instruction for Teachers of Secondary English Language Arts** (3). Prerequisites: Two from among LAE 3331, 3333, TSL 3130. In this course, participants gain experience and expertise in learning to assess, diagnose, and address the kinds of reading problems that young adolescents bring into their English language arts classes. Students learn how to interpret and draw upon theory, research, and best practices in order to find strategies and approaches that will improve adolescents' critical reading skills and their attitudes toward reading.

**LAE 4600. Using Technology in Teaching Language Arts** (3). Prerequisite: EME 2040 or equivalent. Survey of the uses of technology to improve the achievement of students in English at the secondary level. Course includes: video, film, video camcorders, computers, computer software evaluation, media literacy, the Internet, homepages, CD-ROM, and Hypertext.

**LAE 4905r. Directed Individual Study** (1–3). May be repeated to a maximum of twelve (12) semester hours.

**LAE 4930. Special Topics in Teaching English** (1–3). Intensive investigations of problems and issues affecting secondary English instruction prior to and during teaching internship.

**LAE 4937r. Honors Work** (3). May be repeated to a maximum of six (6) semester hours.

**LAE 4941. Methods and Observation/Participation in Middle/Secondary English (2).** (S/U grade only.) Prerequisites: LAE 3331 and 3333. To be taken during the final semester of course work, with LAE 4360. A series of observation and participation activities designed to provide the English education undergraduate with preservice teaching classroom experiences.

**LAE 4942. Student Teaching in Secondary School English** (12). (S/U grade only.) Prerequisites: All English, LAE, TSL, and EDF requirements. Internship in secondary English.

**RED 4335. Content Area Reading for Secondary School Teachers** (3). This course introduces pre-service teachers to the role of literacy in the content areas. Students develop the knowledge, skills, and attitudes needed to meet the literacy needs of students. This course is required for all Teacher Education majors, with the exception of English Education majors.

#### Graduate Courses (Core Courses)

**LAE 5064. Reader Response to Literature: Research and Practice** (3).  
**LAE 5637r. Problems and Trends in Secondary English Curriculum** (3-6).  
**LAE 5736. Written Composition in the Secondary School: Theory and Research** (3).  
**LAE 5908r. Directed Individual Study** (1-3). (S/U grade only.)  
**LAE 5915r. Supervised Research** (1-4). (S/U grade only.)  
**LAE 9932r. Special Topics in English Education** (1-3).  
**LAE 9940r. Field Laboratory Internship** (1-8). (S/U grade only.)  
**LAE 9945r. Supervised Teaching** (1-4). (S/U grade only.)  
**RED 5337. Supervision and Instruction in Secondary School Reading** (3). For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

In addition to the traditional program, there are now five new tracks within the English education graduate program. They focus on the following areas: (1) English and Teacher Certification; (2) English and English...
as a Second Language; (3) English and Reading; (4) Teaching English at the Community College; and (5) National Board Certification and English. All tracks include the core course requirements. Students should meet with their faculty adviser to determine the most appropriate track.

HEALTH EDUCATION

Professors: Foulk, Sutherland

The health education program includes teacher certification or community health education and leads to either a bachelor of science (BS) or a master of science (MS) degree. This program is designed to prepare health educators to assist individuals in achieving an optimal level of health, to prevent disease and debilitating conditions from occurring, and to minimize the impact of such diseases and conditions upon individuals who have been affected. With a degree in health education, an individual may choose from such practice settings as the school system, business and industry, community agencies, and governmental and tax-supported agencies, as well as the medical care system.

Admission to the undergraduate program (both school and community health) requires a minimum composite score of 20 on the Enhanced ACT or a combined score of 960 on the SAT I, and a passing score on each section of the CLAST (exemptions not accepted). If the student desires teacher certification, additional admission requirements are explained in the “College of Education” chapter of this General Bulletin. For further details, see the program adviser or visit www.fsu.edu/~mse/Programs/Health/index.html.

Degree/Certification

The bachelor of science (BS) and master of science (MS) degrees are available. The BS degree requires sixty (60) semester hours of upper-division course work, including either student teaching or a community health field experience.

Students entering the master’s degree program without an undergraduate degree in health education or an appropriate area of allied health may be required to take additional courses. Master’s degree candidates desiring teacher certification as an area of specialization must meet additional requirements.

For further details, refer to the Graduate Bulletin.

Notes: Students are not guaranteed a student teaching experience or community health field experience in the greater Tallahassee area. See the requirements for clinical education placements described in the “College of Education” chapter of this General Bulletin.

Definition of Prefix

HSC —Health Sciences

Undergraduate Courses

HSC 2100. Health Implications of our Changing Culture (3). Contemporary health problems arising from changing living patterns, morals, values, and environment.

HSC 3002. Introduction to Health Promotion (3). A survey course of the theory and practice of health education. At the completion of this course students will be able to apply one of a number of health education theories to a community or school setting and outline the steps needed to develop, implement, and evaluate a program specific to those identified needs. Types of theories include underlying theories of health education, theories of individual behavior, and theories of integrative models of behavior change. Finally students will be able to discuss the relationship between historical foundations in health education and the evolving health reform in our nation.

HSC 3120. Consumer Health (3). Demonstrate appropriate decision-making skills and other life skills as applied to the purchasing of health goods and services.

HSC 3312. Problems in Health Education (3). Prerequisite: HSC 4200. Analyzes and applies the appropriate individual and group health educators/health promotion teaching/learning interventions.

HSC 3313. Strategies for Effective Health Education Program Development (3). Prerequisite: HSC 4200. Corequisites: HSC 4211, 4212. Participate in a variety of techniques useful in educational settings; to analyze, plan, implement, and evaluate health education methodologies and strategies for a school setting.

HSC 3494r. Cooperative Education Work Experience (0). (S/U grade only.)


HSC 4201. Introduction to Community Health (3). Philosophy and practice of public and community health including economic, sociological, and legal justifications.

HSC 4300. School Health Methods/Strategies (4). Prerequisites: HSC 3312, 3313. Health instruction, services, and environment are presented and problems/issues of practicing health educators, K–12, are discussed.

HSC 4816r. Community Health Education Field Experience (5–15). (S/U grade only.) Application of theoretical knowledge and strategies to the development of health education skills in a community health setting. May be repeated to a maximum of fifteen (15) semester hours.

Graduate Courses

HSC 4870r. Student Teaching in Health Education (1–15). (S/U grade only.) Prerequisite: HSC 4300. Application of school health education theory to the practice under the direct supervision of a school health educator. May be repeated to a maximum of fifteen (15) semester hours.

HSC 4906r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

HSC 4935r. Selected Special Topics in Health Education (3). An analysis of selected topics related to health education. May be repeated to a maximum of six (6) semester hours when topics vary in content and area.

MATHMATICS EDUCATION

Associate Professors: Aspinwall, Jakubowski, Presmeg, Shaw;
Assistant Professor: Fernandez; Professors Emeriti: Denmark, Kalin, Nichols, Wheatley; Distinguished Professor Emeritus: Nichols

The secondary mathematics and middle grades mathematics teacher certification programs are fully approved by the Florida Department of Education and are accredited by the National Council for Accreditation of Teacher Education. All students are advised to see a program faculty member each semester as requirements are subject to revision based on changes in State Board of Education rules. For more information, please visit www.fsu.edu/~mse/Programs/math/index.html.

Curriculum for Teachers of Secondary School Mathematics Leading to a Baccalaureate Degree and Florida Teacher Certification

A student preparing to teach secondary school mathematics must take at least twenty-one (21) semester hours of mathematics, statistics, and/or computers beyond the common degree prerequisites. Specific course requirements are provided by the department.

Each student preparing to teach secondary school mathematics must take EDF 4210 and 4430; MAE 4320, 4330, 4335, 4657, 4815, 4816, 4862, 4878, 4940, 4945; RED 4335; and TSL 4324. A student must earn at least an A in the required courses.

Curriculum for Teachers of Middle Grades Mathematics Leading to a Baccalaureate Degree and Florida Teacher Certification

A student preparing to teach middle grades mathematics must take at least sixteen (16) semester hours of mathematics, statistics, and/or computers beyond the common degree prerequisites. Specific course requirements are provided by the department.

Each student preparing to teach middle grades mathematics must take EDF 4210 and 4430; EDM 3001; MAE 4320, 4330, 4335, 4657, 4815, 4816, 4862, 4878, 4940, 4945; RED 4335; and TSL 4324. A student must earn at least an A in the required courses.

In order to satisfy state requirements in both programs, students take courses in assessment, reading in the content area, and human development and learning. Specific courses meeting these requirements are provided by the department.

In either program a student may not earn more than one “D” in a mathematics or statistics course. Should that occur, the student may retake the course. For details, refer to the forgiveness policy in the “Academic Regulations and Procedures” chapter of this General Bulletin. Some departments have specific policies with respect to grades. Please refer to these sections in this General Bulletin.

In addition to the College of Education criteria for admission to teacher education, the following criteria must be met: 1) pass all parts of the CLAST (exceptions to the University policy are not acceptable) or pass the General Knowledge subject test of the Florida Teacher Certification Exam (FTCE); 2) complete Calculus with Analytic Geometry I with a “C–” or better, 3) an overall 2.5 GPA; and 4) approval by the department. Admission to one of the programs is required prior to taking courses in the major.

Students must meet the following requirements in order to graduate from either program: 1) pass all parts of the FTCE (General Knowledge,
Prerequisites: TSL 3130; admittance (S/U grade only.) Typically emphasizes

Graduate Courses

MAE 4945. Student Teaching in Mathematics (12). Prerequisite: MAE 4940. Supervised semester-long classroom teaching experience in a Florida public school.

Undergraduate Courses

MAE 4940. Classroom Management and Planning Instruction in Middle/High School Mathematics (4). Prerequisites: EDF 4430; MAC 2311; MAE 4330, 4816; or permission of instructor. Introduces students to the nature of the student learning and mathematics curricula in grades five through nine (5–9). Appropriate pedagogical strategies for the mathematical content of the middle grades are considered.

MAE 4941r. Directed Individual Study (1-3). May be repeated to a maximum of twelve (12) semester hours.

MAE 4942r. Field Experiences in Teaching Mathematics (1-3). (S/U grade only.) May be repeated to a maximum of six (6) semester hours.

MAE 4943. Teaching High School Mathematics (3). Prerequisites: MAC 2311, 2312. This course provides a foundation in the pedagogy of mathematics, focusing on the use of problem solving, cooperative learning, and appropriate tools for teaching algebra, geometry, trigonometry, calculus, statistics and probability, measurement, and number concepts and operations.


MAE 4951. Helping Students Read Mathematics (2). This course satisfies the state certification requirement for reading in the content area for mathematics education majors. It addresses the teaching of reading in the content of arithmetic, algebra, and geometry.

MAE 4657. Using Technology in the Teaching of Mathematics (3). Prerequisite: EME 2040. This course explores the uses of various technologies in mathematics classes, demonstrated through hands-on activities and experiences.

MAE 4692. Using History in the Teaching of Mathematics (3). The course examines the historical origins and evolution of key mathematics concepts. Selected topics are chosen from number systems, numeration, computation, number theory, algebra, geometry, analytic geometry, and calculus.

MULTILINGUAL/MULTICULTURAL EDUCATION

Professor: Jenks; Assistant Professor: Hasson; Courtesy Professors: Kennell, Lupo-Anderson; Professor Emeritus: Leamon, Platt

MULTILINGUAL/MULTICULTURAL EDUCATION provides instruction to individuals who are seeking teacher certification in foreign languages (undergraduate) and teaching English as a second language (graduate) and who are pursuing graduate degrees specializing in foreign language education, teaching English as a second language, or multicultural education. Students entering the multilingual/multicultural teacher education program are required to have a 2.5 GPA on a 4.0 scale and have a passing score on each section of the CLAST.

Curriculum for Teachers of Foreign Language Leading to a Baccalaureate Degree and Florida Teacher Certification

Note: The undergraduate program in Foreign Language Education is temporarily closed as of Fall, 2005.

The bachelor of arts (BA) or bachelor of science (BS) degrees may be earned, including certification (National Council for Accreditation of Teacher Education [NCATE] approved with reciprocal agreements in more than 40 states). Course work leading to the teaching certificate requires a minimum of thirty (30) upper division semester hours in each certified language and may involve more course work than minimum degree requirements. A study abroad experience is strongly advised. Professional requirements include FLE 3033 (offered in fall semester) and FLE 4941 and 4945 (student teaching, offered in spring semester). Prior to student teaching, students must take and pass: 1) the ACTFL Oral Proficiency Interview in their major foreign language with a rating in the "advanced range"; and 2) the Florida Teacher Certification Exam (FTCE). Students must take TSL 4324, ESOL Instruction in Content Areas, as well as complete requirements for assessment, human development and learning, and reading. Moreover, students must demonstrate at a satisfactory level all of the Florida Education Accomplished Practices at the preprofessional level during student teaching (FLE 4945).

Definition of Prefixes

EAP—English as a Second Language for Academic Purposes
FLE—Foreign Language Education
LIN—Linguistics
TSL—Teaching English as a Second Language
taken by all English education majors and satisfies the requirements for ESOL endorsement in the State of Florida.

TSL 4251. Applied Linguistics for Second Language Learning (3). Course is designed for preservice teachers in the elementary, early childhood, and English education programs who will teach limited English proficient and other linguistic minority students pre-K-12.

TSL 4324. ESOL Instruction in the Content Area (3). Prerequisite: Senior standing. Theory and application of second language learning and teaching strategies for limited English-proficient students in subject matter classes. Satisfies META requirements for all teachers of LEP students except primary language arts instructors. Appropriate for renewal of all certification coverage.

TSL 4441. Second Language Testing and Evaluation (3). Prerequisites: EDF 1005; EDG 2701; EME 2040; admission into teacher education program. This course is designed to acquaint students with principles of second language assessment and standardized testing, to inform them of general principles of second language test construction and administration, including traditional and nontraditional assessments, and to provide practical experiences in preparing valid items and analyzing tests.

TSL 4941. Practicum in Multilingual/Multicultural Education (4). Prerequisites: FLE 3033; acceptable oral proficiency interview score. Practical techniques for classroom instruction of basic foreign language skills; teaching intermediate and advanced levels; use and construction of foreign language tests; techniques of planning, classroom management, ethics and school law.

TSL 4942. Associate Teaching in a Foreign Language (10). (S/U grade only.) Prerequisites: FLE 3033, 4941, passing on FTCE.

TSL 4945. Associate Teaching in English as a Second Language (2-10). (S/U grade only.) May be repeated to a maximum of ten (10) semester hours.

Graduate Courses

EAP 5860. Advanced English Practice for International Educators (3). (S/U grade only.)

FLE 5905r. Directed Individual Study (1-3). (S/U grade only.)

FLE 5915r. Supervised Research (1-4). (S/U grade only.)

FLE 5945r. Supervised Teaching (1-4). (S/U grade only.)

LIN 5706. Psycholinguistic Perspectives on Language Acquisition and Development (3).

TSL 5005. Teaching of English as a Second/Foreign Language (4).

TSL 5142. Development of Curriculum and Materials in Foreign Languages (3).

TSL 5250. Applied Linguistics in Foreign Language Teaching (3).

TSL 5325. ESOL (English to Speakers of Other Languages) Instruction in the Content Areas (3).

TSL 5377. Reading in Foreign Language Instruction (3).

TSL 5471. Testing and Evaluation in Foreign Languages (3).

TSL 5527. Teaching of Culture: Multicultural/Multilingual Perspectives (3)

TSL 5640. Seminar: Research in Second Language Learning and Teaching (3).

TSL 5905r. Directed Individualized Study (1-3). (S/U grade only.)

TSL 5915r. Supervised Research (1-4). (S/U grade only.)

TSL 5930r. Seminar: Current Issues in TSL (1-3).

TSL 5931. Seminar: Special Topics in Applied Linguistics (2-3).

TSL 5940r. Field Laboratory Internship (1-8). (S/U grade only.)


For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

SCIENCE EDUCATION

Associate Professors: Davis, Gallard, Southerland; Professor Emeritus: Dawson; Associate in Research: Gadee

Curriculum for Teachers of Science Leading to a Baccalaureate Degree and Florida Teacher Certification

The program in science education requires course work in the sciences, science education, and professional education. Forty-nine to fifty-three (49–53) semester hours in course work required by the science education faculty must be taken by all students seeking the baccalaureate degree and teaching certification.

All students seeking certification must be admitted to teacher education and meet all of the requirements for pursuing a state-approved program as explained in the “College of Education” chapter of this General Bulletin. All students must complete requirements for admission to the upper division major in one of the areas of specialization. Areas of specialization are biology, chemistry, earth/space science, middle school science, and physics. In addition to the College of Education criteria for admission to teacher education, the following criteria must be met: 1) 2.5 GPA for science and mathematics courses; 2) 2.5 GPA overall; and 3) approval by the department and program. All students must pass the Florida Teacher Certification Exam (FTCE) prior to graduation. For more information, please visit www.fsu.edu/~mse/Programs/Science/index.html.

Required Core Courses

Professional Education Core

EDF 1005. Introduction to Education (3)
EDF 4210. Educational Psychology: Developing Learners (3)
EDF 4430. Classroom Assessment (3)
EDG 2701. Teaching Diverse Populations (3)
EME 2040. Introduction to Educational Technology (3)
RED 4335. Content Area Reading for Secondary School Teachers (3)
SCE 4361. Introduction to Middle School Science Teaching (3)
SCE 4362. Teaching and Learning Science (3)
SCE 4363. Advanced Topics in High School Science Teaching and Learning (3)
SCE 4494. Student Teaching in Science (10)
SCE 4948. Classroom Management and Planning in Science Education (3)
TSL 4324. ESOL Instruction in the Content Areas (3)

Student teaching involves a 15-week field experience during which students teach classes in their areas of specialization. Opportunities are provided to learn about schools and the manner in which science curricula are administered within schools. The practicum is a course that is conducted in conjunction with student teaching. Students meet to discuss their school-based experiences and to integrate theory and practice.

Specialty Areas (select one)

The student will work with a faculty adviser to design a program to ensure certification and competency in one of the following areas: biological science, chemistry, physics, middle school science, and earth/space science. Students must complete forty-nine to fifty-three (49–53) semester hours of science for majors in a specialty area. Twenty-two (22) of these semester hours may be satisfied when completing prerequisite and liberal studies requirements for admission to the upper division major. The student will work with a faculty adviser to design a program to ensure certification and competency in one of the following areas: biological science, chemistry, physics, middle school science, and earth/space science.

Definition of Prefix

SCE—Science Education

Undergraduate Courses

SCE 4361. Introduction to Middle School Science Teaching (3). The focus of this course is on the roles and responsibilities of science teachers. There is a 30-hour field component to this course.
SCE 4362. Teaching and Learning Science (3). The focus of this course is planning, instruction, learning, and classroom environment. There is extensive fieldwork (30 hours) and students will work with a teacher in an area high school.
SCE 4363. Advanced Topics in High School Science Teaching and Learning (3). Prerequisite or corequisite: SCE 4361 and 4362. This course assumes previous field experiences and focuses on issues in curriculum, assessment, and the use of technology in science instruction. This course is offered at the school site, is project-based, and there is an extensive fieldwork component.
SCE 4365C. Teaching Earth and Space Science (3). This course examines the pedagogical content knowledge needed to teach earth/space science.
SCE 4905r. Directed Individual Study (1-3). May be repeated to a maximum of twelve (12) semester hours.
SCE 4902r. Science Education Colloquium (0). (S/U grade only.) Colloquium provides opportunities for sharing and to learn about current science education research. May be repeated to a maximum of eight (8) times.
SCE 4939r. Seminar in Contemporary Science and Science Education (1). May be repeated to a maximum of four (4) semester hours. Two (2) hours must be taken prior to or concurrent with SCE 4330r. Required for arts and sciences majors.
SCE 4944. Student Teaching in Science (10). (S/U grade only.) Corequisite: SCE 4948r.
SCE 4949r. Classroom Management and Planning in Science Education (3). Prerequisites: EDF 1005; EDF 2701; EME 2040; SCE 4361, 4362, 4363; TSL 4324. Corequisite: SCE 4944. This course provides support and guidance to science education students participating in student teaching. The course focus is on classroom management and planning, professional ethics and school law.

Graduate Courses

SCE 5140. Curriculum in Science Education (3).
SCE 5340. Teaching and Learning Science (3).
SCE 5366C. Teaching Earth and Space Science (3).
SCE 5625. Conceptual Learning in Middle School Science (3).
SCE 5635R. Special Problems in the Teaching of Secondary School Science (1-3).
SCE 5715. Conceptual Learning in Elementary School Science (3).
SCE 5740. Research Methods in Science Education (3).
SCE 5895. Nature of Science and Science Technology (3).
Admission Requirements

Students accepted into the social science teacher education program must have completed 1) the Liberal Studies requirements summarized in the "Undergraduate Degree Requirements" chapter of this General Bulletin; 2) the State of Florida common course prerequisites for social sciences described earlier in this section; and 3) the requirements for admission into a teacher education program described in the "College of Education" chapter of this General Bulletin, which includes the following minimum standards: 2.5 GPA; passing the General Knowledge test. This test is required for certification, and is part of the Florida Teacher Certification Examination.

Curriculum for Teachers of Middle and Secondary Social Science

Leading to a Baccalaureate Degree and Florida Teacher Certification

Students preparing to teach middle and secondary school social science must complete forty-eight (48) semester hours as follows: six (6) semester hours of economics, six (6) semester hours of geography, three (3) semester hours of psychology or sociology, six (6) semester hours of American government, six (6) semester hours of American history, six (6) semester hours of world history, three (3) semester hours of public speaking at the 2000-level, one (1) semester hour 4000/4000 course (must be a non-American, non-European history or social science course), and nine (9) semester hours in a field of concentration focused on a topic/theme related to social science instruction (e.g., American culture, area studies, world affairs, ethnic studies). The forty-eight (48) semester hours may include courses in history and social science taken for liberal studies and those taken to meet the State of Florida common course prerequisites for admission to the upper division major.

Professional education requirements and prerequisites for student teaching are: EDF 4430 (classroom assessment); EDF 4210 (Educational Psychology for Development Learners); TSL 4324 (ESDL Strategies in the Content Areas); SSE 4362, 4364, 4664, and 4940. Students may not use for their field of concentration any course in which they receive a grade below "C". Prior to admission to student teaching, students must achieve an overall GPA of 2.5 or higher and earn a grade of "C" or better in each social science methods course.

Note: additional courses mandated by the Florida Department of Education concerning assessment and human development and learning will be required. Consult your academic adviser for details.

Students who have completed a bachelor’s degree in an appropriate field may also seek certification only in conjunction with course work applied toward a graduate degree. In meeting requirements for certification, these students should enroll in graduate-level professional courses.

Note: additional courses mandated by the Florida Department of Education concerning assessment and human development and learning will be required. Consult your academic adviser for details.

Attention is called to the following information: 1) only degree-seeking students will be admitted to the social science certification program which is an integral part of the degree requirements; 2) successful completion of the program requires that students pass the Content (Social Studies 6–12), Professional, and General Knowledge sections of the Florida Teacher Certification Examination; and 3) in the interest of effective supervision, student teachers will, of necessity, be placed in clusters within designated school systems in Florida. There can be no assurance given that students will be placed in counties based on personal preference or convenience. A signed student teaching location preference form is required.

Definition of Prefixes

EDF — Education: Foundations and Policy Studies
EDG — Education: General
SSE — Social Studies Education

Graduate Courses

EDF 5885. Education in the Arab World (3).
EDF 5892r. The Design of National Curricula in Developing Countries (3).
EDF 5920r. Colloquium: Bilingual/Bicultural Education (1).
EDF 5921r. Special Language and Culture Colloquium (2).
EDG 2225. Curricular Theory (3).
SSE 5144. Models of Teaching Social Studies (3).
SSE 5347r. Seminar: Contemporary Public Affairs and Trends for Teachers (3).
SSE 5365r. Problems of Teaching Social Studies in Secondary School and Junior College (1–3).
SSE 5366. Skill Development in Social Studies (3).
SSE 5367. Fundamentals in Teaching Social Studies (3).
SSE 5386. Goals and Methods for the Teaching of History (3).
SSE 5615. Problems in Teaching Elementary School Social Studies (3).
SSE 5665. Inquiry in Teaching Social Studies (3).
SSE 5900r. Directed Individual Study (1–3). (S/U grade only.)
SSE 5915r. Supervised Research (1–4). (S/U grade only.)
SSE 5937r. Special Topics in Social Science Education (3).
SSE 5943. Field Laboratory Internship (1–8). (S/U grade only.)
SSE 5946r. Supervised Teaching (1–4). (S/U grade only.)
SSE 5947r. The Design of National Curricula in Developing Countries (3).
SSE 5948r. Field Lab Internship (1–8). (S/U grade only.)
SSE 5949r. Field Lab Internship (1–8). (S/U grade only.)
SSE 6931. Seminar: Contemporary Public Affairs and Trends for Teachers (3).
SSE 6933. Seminar: History of Social Studies/Social Science Education (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of MILITARY SCIENCE

COLLEGE OF ARTS AND SCIENCES

Professor: Lieutenant Colonel Ronald P. Elrod; Assistant Professors: Brown, Lovins; Instructors: Ortiz, Powell, Vogel

The military science department’s Reserve Officers Training Corps (ROTC) program of instruction qualifies the student for a commission in the United States Army, Army National Guard, or United States Army Reserve. The curriculum does not provide technical training in a job specialty nor does it emphasize vocational training; rather, it complements and provides a base for normal progression in the commissioned officers’ educational program.

Leadership and management objectives are included in academic periods of instruction. Practical leadership experience is gained in a field training environment by attendance at a 32-day summer camp, normally between the junior and senior years. Nursing students attend a nursing internship at Army hospitals following the normal summer camp. A leadership laboratory also provides experience in a range of leadership positions during the school year. The department offers both a four-year and a two-year program, each with its own special advantages. Students are invited to visit or write the Department of Military Science to obtain additional information.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Core Program

The program requires four years of military science courses which consist of a two-year basic course and a two-year advanced course. Students can begin the four-year program as a freshman or as a sophomore.

There is also a two-year ROTC program for those students with only two years of college remaining. The two-year course is designed for junior college and other non-ROTC college transfer students, but may be utilized by students who did not enroll in the basic course outlined below.

Graduate students may also qualify for enrollment in the two-year course. Additional information regarding eligibility requirements for the two-year program may be obtained by contacting the Department of Military Science.

Women are encouraged to enroll and will be commissioned as officers in the United States Army upon completion of the ROTC curriculum. Job opportunities for women officers in the Army are the same as those for men, excluding a few combat arms fields.

Basic Course

The basic course is normally taken as an elective subject by students in their freshman and sophomore years. The purpose of this instruction is to qualify students for entry into the advanced course by familiarizing them with the organization of the Army, military skills, and military tradition. Students do not incur any military obligation as a result of enrolling in the basic course. Enrolment in ROTC requires proof of a doctor’s physical screening. Participation in regularly scheduled physical training is required. In addition to classroom instruction, a one and a half hour leadership laboratory period is required each week.

Advanced Course

Instruction in the advanced course includes leadership and management, the exercise of command, military teaching methods, tactics, logistics, administration, history, and military justice. Leadership experience and command experience are provided by assigning advanced course students as cadet officers and noncommissioned officers. Participation in regularly scheduled physical training is a required part of the leadership training. Classroom instruction consists of two one and a quarter hour (75 minutes) periods and one and a half (90 minutes) hour leadership laboratory period each week. Only students who have demonstrated a definite potential for becoming competent officers will be selected for the advanced course.

Professional Military Education

In addition to basic and advanced ROTC courses, cadets must complete professional military education requirements consisting of one course in each of the following areas: written and oral communication skills, American military history, and computer literacy. Students should consult with the professor of military science to determine those University courses suitable for fulfilling these requirements.

Monetary Allowances

Cadets selected for admission into the advanced course qualify for a nontaxable monetary allowance of $450–$500 per month for up to 20 months. Cadets may also qualify for the simultaneous membership program with the United States Army Reserve or National Guard, which can provide over $16,000 during the last two years of school. Both the United States Army Reserve and the National Guard offer additional monetary incentives for cadets who join their organizations.

Army ROTC College Scholarship Program

Financial assistance is available in the form of two-, three-, or four-year ROTC academic scholarships for selected students. Under the Army ROTC Scholarship Program, the students/cadets receive full tuition. Additionally, Army scholarship recipients receive a flat-rate allowance of $900 per year for textbooks and other expenses and $300–$500 per month stipend for up to 10 months per year. During the 32-day advanced course summer training between the junior and senior years, Army ROTC also pays attending cadets $25.48 per day plus room and board. There are also numerous national and organizational scholarships that students may compete for as a member of Army ROTC.

Textbooks and Uniforms

All textbooks, uniforms, items of insignia, and equipment incident to membership in the Army ROTC Program are furnished by the Department of Military Science.

Minor in Military Science

A minor in military science is offered and may be selected by students with the approval of their major department and the Department of Military Science. Requirement for a minor is twelve (12) semester hours of upper division coursework.

Special Activities

Throughout cadets courses in ROTC, they will have the opportunity to join and participate in a number of military affiliated organizations and activities, both on a voluntary and a selective basis. The Pershing Rifles Society is a voluntary organization that functions as a military unit participating in military ceremonies and presenting the national colors at civic events. Cadets have the opportunity to qualify for and compete with cadets from other universities and colleges in a series of military events termed Ranger Challenge. Cadets may also join Scabbard and Blade, a military honors society comprising those cadets with qualifying grades that denote scholarship. Scabbard and Blade performs a number of community service projects each year.

Awards and Decorations

Awards and decorations made available by national organizations, The Florida State University, and local and national military organizations, are presented to both basic and advanced officer course cadets each year. These plaques, trophies, medals, and ribbons symbolize superior achievement in Army ROTC and other University academic courses, and in outstanding campus and cadet corps leadership.

Prerequisite for Admission to the Professional Officer Course

1. Be at least 17 years of age at time of acceptance.
2. Be able to complete the professional officer course and graduate from The Florida State University prior to reaching the age of thirty (30) at the time of commissioning.
3. Selection by the professor of military science and acceptance by the University.
4. Execute a written agreement with the government to complete the professional officer course and accept an Army ROTC commission.
5. Enlist in the Army Reserve Component-ROTC (terminated upon receiving an Army officer commission).

Those students enrolled in the four-year Army ROTC program must complete the basic course or its equivalent, or have acceptable prior military service. Veterans and students with previous ROTC training are
invited to write, visit, or call the Department of Military Science (850) 644-8806/1016 to discuss their eligibility status.

Students desiring entry into the two-year Army ROTC program should contact the Department of Military Science at the beginning of the Fall semester one academic year prior to the Fall semester in which they wish to enroll in the professional officer course. This lead time is required to complete the application and a physical examination prior to enrollment in the professional officer course.

**Leadership Laboratory**

Leadership laboratory is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of military science. Leadership laboratory is the formalized phase of leadership training conducted by the cadets. It is scheduled for one and one half (90 minutes) hours each week for both the basic and advanced officer courses (non-contracted and contracted). All uniforms and equipment required for cadet activities are furnished.

**Definition of Prefix**

**MSL**—Military Science and Leadership

**Undergraduate Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSL 1001</td>
<td>Foundations of Officership (1)</td>
<td>Corequisite: MSL 1001L. This course examines unique duties and responsibilities of officers, organization and role of the Army. Topics include fitness and communication, Army values and expected ethical behavior.</td>
</tr>
<tr>
<td>MSL 1002</td>
<td>Basic Leadership (1)</td>
<td>Corequisite: MSL 1002L. Topics presented include fundamental leadership concepts and doctrine, basic skills underlying effective problem solving, and the officer experience.</td>
</tr>
<tr>
<td>MSL 1002L</td>
<td>Basic Leadership Laboratory (0)</td>
<td></td>
</tr>
<tr>
<td>MSL 2101</td>
<td>Individual Leadership Studies (2)</td>
<td>Corequisite: MSL 2101L. This course develops knowledge of self, self-confidence, individual leadership skills, problem solving and critical thinking skills, as well as communication feedback and conflict resolution skills.</td>
</tr>
</tbody>
</table>

**Preprofessional Program in MINISTERIAL STUDIES**

**COLLEGE OF ARTS AND SCIENCES**

Adviser: John E. Kelsay, Department of Religion

The baccalaureate degree is required for admission to accredited theological schools. Students interested in a pretheological curriculum and information about theological seminaries should consult with Dr. John Kelsay at the Department of Religion, 206 Dodd.

**Department of MODERN LANGUAGES AND LINGUISTICS**

**COLLEGE OF ARTS AND SCIENCES**

Chair: William Cloonan; Professors: Cloonan, Darst, Fernandez, Fleming, Galeano, Hargreaves, Leparulo, Pietralunga, Sharpe, Walters; Associate Professors: Adolph, Arias, Boutin, Cappuccio, Efimov, Lian, Poey; Assistant Professors: Alvarez, Gomáriz, Gonzalez, Leeser, Leuschuis, Maier-Katkin, Reglero, Romanchuk, Sunderman, Wakamiya, Willstedt, Yasuhara, Zanin-Cordi; Associate in Modern Languages: Adolph; Assistant in Modern Languages: Cameron, Schlenoff

The Department of Modern Languages and Linguistics provides instruction in Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Korean, Portuguese, Russian and Spanish, with an emphasis on culture and literature as well as language. Several courses in linguistics are offered, in addition to courses in Brazilian, Chinese, French, German, Hispanic, Italian, Japanese and Russian film, and courses in French, German, Italian, Russian, and Latin American literature in English translation. The literature in translation courses count toward the literature requirement in the liberal studies humanities area and may, in some cases, be accepted for major or minor credit (see individual course descriptions).

All students who intend to continue study of a language at The Florida State University in which they have had previous experience (such as high school study or study abroad) must be placed into the appropriate course by the Department of Modern Languages. Students in French, German, and Spanish who continue with the same language must take the placement test before they enroll in a course in the department. Students in other languages must consult the department for the appropriate placement procedures before enrolling.

**Degrees Offered**

Bachelor of arts (BA) degrees and minors are offered in French, German, Italian, Slavic languages and literatures, and Spanish. All major programs will also require a minor degree. Undergraduate minors are offered in Arabic Studies, Chinese, French, German, Italian, Japanese, linguistics, medieval studies, Portuguese, Slavic languages and literatures, Spanish, world literature/world film. A minor in Middle Eastern Studies is offered jointly by the Departments of Modern Languages and Linguistics, Religion, History, and Classical Languages, Literature and Civilization.

Graduate programs leading to the master of arts (MA) degree are available in French, German, Italian studies, Slavic languages and literatures (emphasis on Russian), and Spanish. Programs leading to the doctor of philosophy (PhD) degree are offered with French or Spanish as the major field of concentration. Concentrations in linguistics, comparative and world literature, Italian, German, and Russian are available for the doctorate in humanities. For information on graduate programs, refer to the Graduate Bulletin.

**Foreign Language Learning Center**

The department’s language laboratories offer state-of-the-art electronic language learning systems. Students may practice at their convenience individually (unsupervised) or with their classes under a teacher’s supervision. The Foreign Language Learning Center possesses a collection
of video materials, and television news from around the world can be viewed daily on the set or on-line. Students have access to a state-of-the-art computer lab plus an audio lab.

Winthrop-King Institute for Contemporary French and Francophone Studies

The Winthrop-King Institute for Contemporary French and Francophone Studies was created as a result of a generous bequest from the late Mrs. Ada Belle Winthrop-King. It is a center for interdisciplinary scholarship focusing on developments in France and the wider French-speaking world dating approximately from the French Revolution to the present, with a particular emphasis on contemporary issues. The institute supports undergraduate and graduate courses dealing with various aspects of francophone culture, organizes lecture series by outstanding scholars from a variety of fields and hosts conferences on contemporary cultural and social issues. Through its courses, conferences and research, the institute seeks to address intellectual and social developments throughout the francophone world, whether in literature, philosophy, art history, popular culture, history, political science, etc. To this end, the institute encourages the participation of faculty and students from a variety of academic disciplines. All courses associated with the institute can be taken for credit toward their degree by French majors, minors and graduate students. Courses with French and francophone dimensions taught by colleagues outside of the French faculty are cross-listed to provide credit either in French or in the related field.

Scholarships Offered

Ada Belle Winthrop-King Scholarships are offered on a competitive basis each year for language majors and minors in Arabic, French, German, Italian, Portuguese, Russian and Spanish. Chinese and Japanese scholarships are offered on alternate years. For further information, please contact the department at (850) 644-3728.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for these degree programs:

French

Six to twelve (6–12) semester hours of coursework in the language.

German

Six to twelve (6–12) semester hours of coursework in the language.

Italian

Six to twelve (6–12) semester hours of coursework in the language.

Russian

Six to twelve (6–12) semester hours of coursework in the language.

Spanish

Six to twelve (6–12) semester hours of coursework in the language.

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Note: the department reserves the right to reassign or drop students who are enrolled in a course for which they have not taken the required prerequisites, or one that does not correspond to their linguistic abilities.

Honors in the Major

The Department of Modern Languages and Linguistics offers a program in honors in the major to encourage talented seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Major in a Language with Concentration in Business

A major in French, German, Italian, Spanish, or Russian with a concentration in business may be selected. The program consists of twenty-one (21) semester hours in the language beyond the language requirement plus fifteen (15) semester hours of core courses and twelve (12) semester hours in a specialized track of marketing, management, or finance in the College of Business. Students should consult with their language adviser for a list of appropriate courses. No minor is required. For a major in Spanish with a concentration in business, students should contact their adviser in the Spanish division.

Co-major in Modern Languages and Linguistics

The department offers an interdepartmental program in which students may select co-majors from the following divisions: French, German, Italian, Slavic languages, and Spanish. The co-major consists of twenty-one (21) semester hours numbered above 1999 in each of two divisions selected. One second-year course must be used to satisfy the Arts and Sciences language requirement. The student should consult with a divisional language adviser to select courses. No minor is required.

Double Major

Students pursuing more than one major must meet the program requirement of both majors, with the following exceptions: 1) a maximum of six (6) semester hours may overlap, that is they may be counted towards two separate majors; and 2) no minor is required.

Double Major in Modern Languages

A double major in two modern foreign languages may be approved. Please consult an adviser in each language for course advisement.

Requirements for a Major in Modern Languages and Linguistics

Note: A grade of “C–” or better must be earned in each course applied towards any major or minor degree earned in Modern Languages and Linguistics.

French Major

Thirty (30) semester hours numbered above 2999 are required, including FRW 3100, 3101; FRE 3420, 3421, 4422, 4780; and three additional 4000-level courses (nine [9] semester hours), at least two of which (six [6] semester hours) must be in French literature. One 3000–4000 level elective will complete the requirements. Students are also strongly advised to take the sequence FRW 3100–3101 concurrently with the grammar/composition sequence FRE 3420–3421. Native speakers should register for courses numbered 3000 and above. Majors and minors are eligible for the Ada Belle Winthrop-King summer scholarships to Paris. For more information about the French program, please visit the Web site: http://www.fsu.edu/~modlang/divisions/french.

French and Francophone Studies Major

Thirty-six (36) semester hours numbered above 2999 are required in this inter-departmental program with history and art. Twenty-one (21) semester hours of French and fifteen (15) semester hours in either one or two fields related to French and Francophone culture will be determined in consultation with the French adviser. The required French courses are FRE 3244, 3420, 4500, FRW 3100, and two additional 4000-level French courses. French and Francophone Studies majors are eligible for the Ada Belle Winthrop King Summer Scholarships to Paris. For more information about the French program please visit our Web site at http://www.fsu.edu/~modlang/divisions/french.
German Major

Thirty (30) semester hours numbered above 2999 are required. Students must have a minimum of six (6) semester hours of skills courses (e.g. GER 3310, 3400) and six (6) semester hours of literature, film and culture classes (e.g. GER 3500, GEW 3370). A minimum of six (6) semester hours must be taken at the 4000-level. Core required courses for the major are GER 3400 and GER 3500. Students should consult with an adviser to ensure that they have met the distribution requirements.

Italian Major

Thirty (30) semester hours numbered above 2230 are required, including ITA 2240, 3420, 3421, at least one 3000-level literature course in Italian (ITW 3100, ITW 3101), and a minimum of twelve semester hours at the 4000-level. A maximum of six (6) semester hours from among the following course work may count toward the thirty (30) semester hour requirement: ITT 3430, 3500, 3501, 3520, ITW 3391r also may be counted toward the major and minor in Italian.

Slavic (Russian) Major

Thirty (30) semester hours numbered above 2999 are required, including at least twelve (12) semester hours of RUS/ RUW course work at the 4000 level or above. Three (3) semester hours at the 4000 level must be in Russian literature. A maximum of six (6) semester hours from among the following course work may count toward the thirty (30) semester hour requirement: RUT 3110, 3500; LIN 3041, 4040; SLL 3500, 3510, 4500. FOL 3930r may also be counted toward the major and minor in Russian.

Spanish Major

Thirty-six (36) semester hours, distributed in the following manner, are required: SPN 2240 and eighteen (18) semester hours of 3000-level courses including SPN 3332, SPN 3333, SPW 3030, either SPN 3510 or SPN 3520, a departmental linguistics course (usually LIN 3041) and one 3000-level literature course. Heritage speakers must take SPN 3350 plus an additional 3000-4000 level Spanish course instead of the required SPN 3332-3333 sequence. Required at the 4000-level are fifteen (15) semester hours in SPN or SPW courses, including at least one senior seminar, such as SPN 4540, SPN 4930 or SPW 4930.

Minor for Modern Languages Majors

At least twelve (12) semester hours in an approved departmental field are required. If a second foreign language is selected as the minor, the twelve (12) semester hours must be earned in courses numbered above 1999. All courses must be taken for a letter grade, and a minimum grade of “C-” must be earned for all courses taken for the minor.

Requirements for a Minor in Linguistics

The undergraduate minor requires twelve (12) semester hours in Linguistics. See specific course requirements listed under “Interdepartmental Linguistics Minors.”

Note: Linguistics courses may NOT count toward a major in Spanish AND a minor in Linguistics.

The graduate minor requires fifteen (15) semester hours. See specific course requirements listed under “Interdepartmental Undergraduate and Graduate Minors”.

Requirements for a Minor in Modern Languages and Linguistics

Twelve (12) semester hours in linguistics or in any one of the following languages are required: Chinese, French, German, Italian, Japanese, Portuguese or Russian numbered above 1999. Spanish requires fifteen (15) semester hours numbered above 2220 including three (3) hours in Spanish literature. In addition, three (3) of the fifteen (15) hours of the Spanish minor must be in Spanish literature. Credit extended in meeting the foreign language requirement for graduation may not be used in satisfying the minor. A certificate may be issued by the department upon successful completion of the minor requirements.

Requirements for a Minor in Arabic Studies

The minor requires ten (10) semester hours of the language above the 1999 level. Two of the courses may be selected from Arabic language classes within the Department of Modern Languages and Linguistics, and a third from a list of approved interdepartmental courses related to the Middle East or North Africa. No course taken for the minor may be used for the language requirement. At least five (5) of the ten (10) semester hours must be earned at The Florida State University. A list of approved courses may be obtained from the departmental undergraduate office. 364 DIF. A minimum grade of “C-” must be earned for all courses taken for the minor. A certificate may be issued by the department upon successful completion of the minor requirements.

Requirements for a Minor in Medieval Studies

The undergraduate minor in Medieval Studies provides students focused, interdisciplinary training in the culture of the pre-modern era in the lands of Europe, both West and East, as well as the cultures of the Middle East. The minor will consist of fifteen (15) semester hours beyond the liberal studies and major requirements. The selection of a pair of courses in one of the following fields of concentration provides a focus for the minor: Medieval Art History (two ARH courses from an approved list); Medieval History (two EUH courses from an approved list); and Medieval Texts and Cultures (one ENL and one Modern Languages course from an approved list). An approved course list is available from the Department of Modern Languages and Linguistics Undergraduate Office, 364 DIF, or from the Director of the Department of Modern Languages and Linguistics Medieval Studies minor. Having established a concentration in one medieval field, the student then chooses three more courses from an approved list. These courses are to be distributed over two or three departments other than that of his/her concentration. All declared students in the minor receive a regular pre-registration mailing, listing all the eligible courses for the forthcoming semester. Additional courses are certified on a semester-by-semester basis. Faculty members may send the director a description of a special topics course appropriate for the minor, which will be included in the pre-registration mailing. Qualified students also may enroll in certified graduate-level courses for minor credit, with permission of the instructor; please contact the Department of Modern Languages and Linguistics undergraduate office or the director of the minor for details.

Requirements for a Minor in Middle Eastern Studies

A minor in Middle Eastern Studies is now being offered jointly by the Departments of Modern Languages and Linguistics, Religion, History, and Classical Languages, Literature and Civilization. Fifteen (15) semester hours in approved interdepartmental fields will be required, including intermediate-level competence in Hebrew (Biblical or Modern), Arabic, or another approved Middle Eastern language. No more than eight (8) semester hours of language courses may be counted toward the minor. No course taken for the minor may be used to fulfill any university language requirement. A list of approved courses may be obtained from the departmental undergraduate office, 364 DIF.

Requirements for a Minor in World Literature/World Film

The minor will consist of fifteen (15) semester hours. The student may select five courses from any of the following fifteen courses: CHT 3391, CHT 3930, FRT 3140, FRT 3561, FRW 3391r, GET 3130, GEW 3391r, ITT 3430, ITW 3391r, JPT 3391, PRT 3391, RUT 3391, RUW 3391r, SPT 3130, SPW 3391r. Courses taken for major credit in modern languages may not be counted toward this minor.

Definition of Prefixes

ARA—Arabic Language
CHI—Chinese
CHT—Chinese Literature in Translation
CZE—Czech Language
FOL—Foreign and Biblical Languages (i.e. Hebrew)
FOT—Foreign and Biblical Languages (in Translation)
FOW—Foreign and Biblical Languages, Comparative Literature (Writings)
FRE—French Language
FRT—French in Translation
FRW—French Literature (Writings)
GER—German
GET—German Literature in Translation
GEW—German Language (Writings)
Prerequisite: ARA 1120. Extended vocabulary and
Prerequisite: CHI 2220
Prerequisite: FRE 1120 or its equivalent. Further
Oral comprehension, speaking, reading, and writing
Prerequisite: CHI 2220 or equivalent.
Prerequisite: One literature course. This
Prerequisite: Instructors permission. A sketch
to bring to students’ awareness various cross-cultural differences.

Chinese

CHI 1120. Elementary Chinese I (4). An emphasis is placed upon speaking and listening, although an acquisition of reading and writing skills is also an integral part of the course. Some fundamental syntactic constructions introduced are: word order, nominal classifiers, verb classification, and formation of complex sentences. May not be taken by native speakers. May not be taken concurrently with CHI 1121, 2220 and/or 2300.

CHI 1121. Elementary Chinese II (4). Prerequisite: CHI 1120 or its equivalent. The skills introduced in CHI 1120 are further emphasized in this course, including speaking, listening, and reading. May not be taken by native speakers. May not be taken concurrently with CHI 1120, 1121 and/or 2300.

CHI 2220. Intermediate Chinese (4). Prerequisite: CHI 1121 or equivalent. May not be taken by native speakers. Emphasizes reading and writing and introduces more of the essential Chinese syntax. More time will be devoted to learning Chinese characters in both recognition by native speakers. Emphasizes reading, writing, listening and depending on student interest and faculty expertise. May not be taken concurrently with CHI 1120, 11220 or by native speakers.

CHI 2220. Intermediate Chinese (4). Prerequisite: CHI 1121 or equivalent. Introduction of selected materials in modern Chinese literature. The course objectives are to train students to be able to read some carefully chosen original works and to bring to students awareness various cross-cultural differences.

CHI 3501. Readings in Chinese Short Stories and Essays (3). Prerequisite: CHI 2220 or equivalent. Introduction of selected materials in modern Chinese literature. The course objectives are to train students to be able to read some carefully chosen original works and to bring to students awareness various cultural background for the materials selected.
FRE 3244. Intermediate French Conversation (3). Prerequisites: FRE 2220 and either 3420 or 3421. Through readings and films about contemporary issues facing French society—such as the evolving role of women, unemployment, immigration, economic change in the new rural or metropolitan areas—this course aims at developing oral communication skills in a broad cultural context.

FRE 3420. French Grammar and Composition (3). Prerequisite: FRE 2211 or its equivalent. An in-depth study of French grammar emphasizing some subtleties of written expression. This course prepares the student for courses such as FRE 3421 or its equivalent. Further study of the subtleties of written expression in the French language.

FRE 3440. Commercial French (3). Prerequisites: FRE 2211 and 3420. Develops language and correspondence skills appropriate to business transactions in such areas as sales, finance, travel, transportation, management, insurance, etc. Taught in French.

FRE 3530. Chanson (3). Prerequisite: One semester of college French or equivalent (see instructor). Does not count toward requirement for the French major but may count toward a minor in French. A survey of the popular French song from early 20th century to modern rock. In English.

FRE 4410.* Advanced Conversation (3). Prerequisites: FRE 3244 and 3421 or equivalent. Based on contemporary materials, this course is intended to develop near-native fluency.

FRE 4422. Advanced Grammar and Composition (3). Prerequisite: FRE 3421 or equivalent. This course, intended for students with a thorough grounding in French grammar, aims at developing writing ability through the reading of a variety of sophisticated French prose works and the composition of essays based on these model texts.

FRE 4500. French Culture and Civilization (3). Prerequisites: FRE 3244 and 3421 or permission of the instructor. This course spans the two world wars. It concentrates on the institutions of the Fifth Republic, the evolution of ideas since May 1968, the development of sciences and technology, and the artistic movements since the end of World War II. It also emphasizes the role of France in the European community today.

FRE 4780.* Phonetics: Theoretical and Applied (3). Prerequisites: FRE 3244 and 3421 or equivalent. Study of the International Phonetic Alphabet and its application to French with practice in reproducing accurately French sounds and intonation patterns.

FRW 3005. Study Abroad. Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

FRW 4930.* Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics depending on current interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours.

FRW 4935r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, three (3) hours of which may be applied to the requirements for the major with permission of the coordinator. Theses are expected to be of significant length and depth. A minimum of three (3) semester hours is required. May be repeated to a maximum of six (6) semester hours.

French Literature in Translation
Note: FRW courses do not count toward the major unless the student reads the works in French, writes all assignments in French, and can provide a letter from the instructor granting him/her permission to take the course for major credit.

FRT 3100. Masterworks of French Literature in Translation (3). A survey of selected masterpieces of French literature, ranging from the Middle Ages to the present. The readings and instruction are in English. Can be used for minor credit in French with permission of the coordinator.

FRT 3561. French Women Writers (3). Prerequisite: ENC 1101, 1121, or equivalent. Course addresses issues of race, gender and class in a selection of works written by prominent French/Frenchophone writers. Taught in English. Can be used for minor credit with permission of the coordinator.

French and Francophone Literatures, Cultures, and Civilizations
FRW 3100. Survey of French Literature: Origins Through 18th Century (3). Prerequisite: FRE 2220. FRE 3242 or 3241 is also recommended. An introduction to the study of early-modern French literature by reading and discussing works representative of the various schools and movements. (Fall semester only.)

FRW 3101. Survey of French Literature: 19th Century through the Present (3). Prerequisite: FRE 2220. FRE 3420 or 3421, FRW 3100 or permission of instructor. An introduction to the study of modern French literature by reading and discussing works representative of the various schools and movements. (Spring semester only.)

FRW 3391r. French Cinema (3). Study of the movements and directors of French Cinema with emphasis on the New Wave. May be repeated to a maximum of six (6) semester hours. Three hours may be used for major or minor credit with permission of the teacher.

FRW 4420.* Medieval and Renaissance Literature (3). Prerequisite: FRW 3100. An introduction to the fiction and prose of the early-modern period. Emphasis is on the themes of love and friendship.

FRW 4433. 17th- and 18th-Century Literature (3). Prerequisites: FRW 3100 or 3101. This course surveys major works in the areas of theatre, philosophy, and prose fiction. Special attention is given to the possible meanings of central concepts such as Classicism and Enlightenment.

FRW 4460.* 19th-Century Literature (3). Prerequisites: FRW 3100 or 3101. The study of major themes and issues in 19th-century literature and culture.

FRW 4480. 20th-Century Literature (3). Prerequisites: FRW 3100 or 3101. A survey of the major works (novels, theater, poetry) of the literature of 20th-century French literature.

FRW 4740.* French Literature of Quebec (3). Prerequisites: FRW 3100 or 3101. A survey of the major works (novels, theatre, poetry) of the literature of 20th-century Quebec.

FRW 4770.* Black Literature of French Expression (3). Prerequisites: FRW 3100 or 3101. An examination of the literature of Africa and the Caribbean written in French with an emphasis on Negritude, réalisme merveilleux and other literary movements.

German Language

GER 1110. Elementary Conversational German (4). (Conversational method.) Introduction to German with emphasis on speaking. Additional hours arranged for conversational practice. Students with more than two years of high school German or the equivalent should consult the department for placement. May not be taken concurrently with GER 1111, 1120, and/or 2220.

GER 1111. Elementary Conversational German (4). Prerequisites: GER 1120, 1110, or equivalent. (Conversational method.) Students with three or four years of high school German or the equivalent should consult the department for placement. Introduction to German with emphasis on speaking. Additional hours arranged for conversational practice. May not be taken by native speakers. May not be taken concurrently with GER 1120, 1111, 1121, and/or 2220.

GER 1120. Elementary German I (4). Introduction to German. May not be taken by native speakers. May not be taken concurrently with GER 1110, 1111, 1121, and/or 2220.

GER 1121. Elementary German II (4). Prerequisites: GER 1110, 1120 or the equivalent. May not be taken by native speakers. Students with three or four years of high school German or the equivalent should consult the department for placement. May not be taken concurrently with GER 1110, 1111, 1120, and/or 2220.

GER 2220. Reading and Conversation (4). Prerequisites: GER 1121, 1111, or equivalent. Serves as final semester of the language requirement and as the transition to upper-level study. Contemporary reading material, including films, slides, and recordings, serves as the basis for discussion. May be repeated to a maximum of nine (9) semester hours with permission of the instructor.

GER 3310. Intermediate German Grammar (3). Prerequisite: GER 2220 or equivalent, or permission of instructor. Open to native speakers. This course focuses on the rules of German grammar, syntax, and vocabulary. Taught in German.

GER 3400. Composition and Conversation (3). Prerequisite: GER 2220 or consent of the instructor. The objective is the ability to write and converse on general cultural topics at a level which demonstrates mastery of German grammar and the beginning of a personal style in the language. The course is conducted in German.

GER 3440. German Business Language and Practice (3). Prerequisite: GER 2220 or permission of instructor. An introduction to business languages and practices in German-speaking countries.

GER 3500. German Studies (3). Prerequisite: GER 2220 or permission of instructor. This course, intended for students with a thorough grounding in German grammar, aims at further study of the subtleties of written expression in the German language. May be repeated to a maximum of six (6) semester hours with permission of instructor.

GER 3780. Phonetics (3). Prerequisite: GER 2220. The objectives are the acquisition of correct German sound formation by comparison with English phonetics and the improvement of the students’ pronunciation skills.

GER 3930r. Special Topics (3). Prerequisite: GER 3310 or GER 3400, or permission of the instructor. Allows students to study non-literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours when content changes.

GER 3941r. Directed Individual Tutorial Practice (3). Prerequisite: Consent of instructor. Students review grammar and improve their speaking skills by leading groups of students in the GER 1110/1111 classes. May be repeated to a maximum of nine (9) semester hours.

GER 4420.* Advanced Composition (3). Two 3000 level courses with the GER prefix. Course objective: ability to write with a developed personal style in German on intellectually demanding topics, including commentary on literature. May be repeated to a maximum of six (6) semester hours with permission of the department.

GER 4480.* Modern German of the News Media (3). Prerequisite: GER 3310 or GER 3400, or permission of the instructor. Allows students to study non-literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours when content changes.

GER 4942r. Internship in Applied German (1–6). May be repeated to a maximum of six (6) semester hours with permission of the instructor.

GER 4950r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

German Literature in Translation

GET 3130. Masterpieces of German Literature in Translation: 19th and 20th Centuries (3). This course is designed to introduce students to the development of German literature in translation. The focus is on major literary texts and movements of the 19th and 20th centuries. May be counted for major or minor credit. Taught in German.

GET 4800.* Translation German-English/English-German (3). Prerequisite: GER 3400 or consent of instructor. An advanced-level skills course. Translating a variety of texts that illustrate important distinctions between German and English grammar, syntax, vocabulary, etc.
German Literature (Writings)

GEW 3320. Drama (3). Prerequisites: GER 3500 or permission of instructor. Focuses on contemporary German drama in a sociohistorical context. Addresses the difficulties authors confront when dramatizing current social trends, as well as the problems of interpreting and staging a play.

GEW 3370. German Short Fiction (3). Prerequisites: GER 3500 or permission of instructor. Through reading and discussion of short pieces of fiction, primarily from the twentieth century, students are introduced to the principles of literary study.

GEW 3391r. German Cinema (3). Study of the contextual and stylistic features of German cinema from the 1920s period in the 1920s to the New German Cinema of the 1970s and 1980s. Focus is on methods of film analysis and on film criticism. May be repeated to a maximum of six (6) semester hours.

GEW 4591r. Studies in an Author or Theme (3). Prerequisites: Two 3000-level courses or permission of instructor. Offers the opportunity to study either a single author in-depth or to follow a specific theme which may extend over a brief period or over centuries. Course material is often supplemented by recordings and cinematic representations. May be repeated to a maximum of six (6) semester hours.

ITW 3100. Survey of Italian Literature: Origins through 18th-Century (3). This course surveys Italian culture and civilization and provides a historical perspective to aspects of Italian society.

ITW 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake special study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

Italian Literature and Culture in Translation

ITT 3430. Masterpieces of Italian Literature in Translation (3). After a brief overview of history of Italian literature, this course offers discussion and analysis of English translations of novels, short stories, and plays by such figures as Boccaccio, Machiavelli, Goldoni, Alfieri, Pirandello, De Sica, etc. May be counted as credit.

ITT 3500. Italian Culture and Civilization: From Origins to the Age of Romanticism (3). This course is an introduction to artistic, intellectual, social, and political trends in Italy from pre-Roman times to the Age of Romanticism with specific reference to Medieval and Renaissance Italy as a center of culture in Europe. Offered in English.

ITT 3501. Modern Italian Culture: From the Unification to the Present (3). This course is an introduction to the cultural developments and sociopolitical changes in modern Italy. Topics include the Risorgimento to the formation of the nation; Fascism’s influence on the national culture; the Italian miracle of the postwar period; the North/South Question; the “Made in Italy” label in design; and the social phenomenon of immigration into Italy. Offered in English.

Italian Language

ITA 1110. Elementary Conversational Italian I (4). An introductory course emphasizing learning Italian through speaking and understanding skills at the elementary level. May not be taken by native speakers. May not be taken concurrently with ITA 1111, 1120, 1121, and/or 2300.

ITA 1111. Elementary Conversational Italian II (4). Prerequisite: ITA 1110 or its equivalent. This course builds upon the skills learned at the elementary level. May not be taken by native speakers. May not be taken concurrently with ITA 1110, 1120, 1121, and/or 2300.

ITA 1120. Elementary Italian I (4). This introductory course gives the student basic grammatical structures to enable speaking, understanding, reading, and writing at the elementary level. May not be taken by native speakers. May not be taken concurrently with ITA 1111, 1120, 2220, and/or 2300.

ITA 1121. Elementary Italian II (4). Prerequisite: ITA 1120 or its equivalent. This course introduces students to the alphabet, basic vocabulary, grammar, and syntax of modern Italian. Oral comprehension, speaking and writing are emphasized in communicative practice. Students are also introduced to modern Italian life. May not be taken concurrently with ITA 1120 and/or 2220.

ITA 2220. Reading and Conversation (4). Prerequisite: ITA 1111 or 1121. Stresses skills in reading and conversational Italian at the second-year level. Readings are supported by discussions of the materials. This course completes the baccalaureate degree requirement. May not be taken concurrently with ITA 1111, 1120, 1121, and/or 2300. May not be taken by native speakers.

ITA 2240. Conversation (3). Prerequisite: ITA 2220. May not be taken by native speakers. This course stresses development of conversational skills at the third-year level.

ITA 3420. Grammar and Composition (3). Prerequisite: ITA 2220 or 2300. This course presents a review of the grammatical and idiomatic constructions. Composition practice augments the skills developed.

ITA 4410. Advanced Italian Conversation (3). Prerequisite: ITA 3420, 3421, or their equivalents. The course is designed to develop fluency in conversation skills at the fourth-year level by means of extensive vocabulary building and practice.

ITA 4450r. Advanced Italian Composition and Style (3). Prerequisite: ITA 3421 or equivalent. This course stresses the morphological and syntactical order of Italian by means of extensive drill in controlled and free composition.

Japanese Language

JPN 1120. Elementary Japanese I (4). This course stresses speaking and listening, although the acquisition of reading and writing skills is also an integral part of the course. This course covers fundamental vocabulary, grammar, and basic reading skills. The course is intended for students who have no previous exposure to Japanese. May not be taken by native speakers. May not be taken concurrently with JPN 1121, 2220, and/or 2300.

JPN 1121. Elementary Japanese II (4). Prerequisite: JPN 1120 or its equivalent. This course continues to stress speaking, reading, listening and writing skills using the syntactic and morphological points introduced in JPN 1120. Further study will be made of the Japanese language.
syllabaries and kanji. May not be taken by native speakers. May not be taken concurrently with JPN 1120, 2220 and/or 2300.

JPN 2220. Intermediate Japanese I and Conversation (4). Prerequisite: JPN 1121 or equivalent. May not be taken by native speakers. This course continues to emphasize speaking and listening and introduces more of the essentials of Japanese syntax. In this course more time is devoted to reading and writing. About 400 kanji are introduced. May not be taken concurrently with JPN 1120 and/or 2220.

JPN 2300. Review Grammar and Syntax (4). Prerequisite: JPN 2220. May not be taken by native speakers. This course is designed to give students an opportunity not only to strengthen their knowledge of basic Japanese, but to gain better insight into the structure of modern Japanese. Through graded exercises students are taught to write sophisticated Japanese. May not be taken concurrently with JPN 1120, 2220 and/or 2220.

JPN 3202. Readings in Short Stories and Essays (3). Prerequisite: JPN 2300. Selected materials in modern Japanese literature, humanities, and social sciences are introduced. The objective is to train students to read and write in Japanese, to learn some carefully chosen original works and to bring students awareness of various cross-cultural differences. May not be taken by native speakers.

JPN 4905cr. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

JPN 4930cr. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours.

JPN 4942cr. Internship in Applied Japanese (1–6). (S/U grade only.) Prerequisite: Advanced standing in Japanese. Provides academic credit for students working in governmental agencies or private business where students employ the foreign language. Departmental permission required. May be repeated to a maximum of six (6) semester hours.

JPT 3391r. Japanese Film and Culture (3). This course is for students interested in Japanese film and culture in translation. Students learn the skills of analyzing films and come to understand the organization of Japanese film and culture. May be repeated to a maximum of six (6) semester hours.

JPT 4020r. Japanese Calligraphy (1). Prerequisite: JPN 1120 or its equivalent. This course is designed to teach beginning students how to write the Japanese kana syllabaries and kanji properly according to the stroke order. The art of sumi writing is also introduced. May be repeated to a maximum of two (2) semester hours.

Korean

Korean Language

KOR 1120. Elementary Korean I (4). This course places emphasis upon speaking and listening, although the learning of reading and writing skills is an integral part of the course. The writing system hanguel is introduced at the outset. May not be taken by native speakers. May not be taken concurrently with KOR 1121 and/or 2220.

KOR 1121. Elementary Korean II (4). Prerequisite: KOR 1120 or its equivalent. This course continues to emphasize speaking and listening, as well as reading and writing skills. The writing system hanguel is studied in further detail. May not be taken by native speakers. May not be taken concurrently with KOR 1120 and/or 2220.

KOR 2220. Reading and Conversation (4). Prerequisite: KOR 1121 or equivalent. May not be taken by native speakers. This course continues to emphasize speaking and listening skills and introduces more of the essentials of Korean grammar, but more time is devoted to reading and writing. This course is based on the hanguel system and is completed as the baccalaureate degree requirement. May not be taken concurrently with KOR 1120 and/or 2220.

LING 3041. Introductory Linguistics for Foreign Language Majors (3). The purposes of this course are to develop an understanding of the nature of language, to dispel a number of myths and misconceptions about language, and to provide tools and techniques for describing linguistic data. May count toward the major in Slavic (Russian) and Spanish.

LING 4030. Introduction to Historical Linguistics (3). This course is designed to familiarize students with the world language families, notion of relatedness, sound correspondence, comparative method, internal reconstruction, and the reconstruction of the ProtoIndo-European languages. Several theories of sound change are also discussed.

LING 4040. Introduction to Descriptive Linguistics (3). This course attempts to develop an understanding of the organization of language, to provide tools and techniques for describing language data, and to examine various models of linguistic description. May count toward the major in Slavic (Russian) and Spanish.

LING 4512. Introduction to Transformational Grammar (3). The purpose of this course is to expose students to the underlying principles of syntax. Students are taught the mechanics of syntactic theories dating from the late 1960s to the present.

LING 4905cr. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

LING 4930cr. Topics in Linguistics (3). Students arrange with individual faculty members to undertake study in areas outside the regular curriculum.

Portuguese (Brazilian)

Portuguese Language

POR 1201. Elementary Portuguese I (4). A first semester course in Portuguese for beginning students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context. Basic grammar skills are also introduced.

POR 1220. Intermediate Portuguese II (4). Prerequisite: POR 1120. A second semester course in Portuguese for beginning level students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context. Basic grammar skills are also introduced.

POR 2220. Intermediate Portuguese IV (4). Prerequisite: POR 2220. A second semester course in Portuguese for intermediate level students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context. Basic grammar skills are also introduced.

 POR 3141. Portuguese for Advanced Students of Spanish II (3). Prerequisite: A 3000 level course in Spanish (completed or concurrent enrollment) or permission of instructor. An intensive course in Brazilian Portuguese for advanced students of Spanish. This course is based on positive transfer of applicable linguistic structures of Spanish, avoidance of negative transfer, and concentration on structures unique to Portuguese. Understanding, speaking, reading, and writing skills are practiced.

POR 3141r. Portuguese for Advanced Students of Spanish III (3). Prerequisite: POR 3140. This course is based on positive transfer of applicable linguistic structures of Spanish avoidance of negative transfer, and concentration on structures unique to Portuguese. Understanding, speaking, reading, and writing skills are practiced.

POR 405cr. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

POR 4930cr. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours.

PRT 3391r. Brazilian Literature and Film in Translation (3). An overview of the works of prominent Brazilian writers from Machado de Assis to the present and films from Brazil. Counts toward the major or minor in Latin American and Caribbean Studies, as well as minors in Portuguese, and world literature/world film. May be repeated to a maximum of six (6) semester hours.

Russian

Russian Language

RUS 1120. Elementary Russian I (4). Introduction to basic Russian. Students with high school language experience or equivalent should consult the department for placement. May not be taken by native speakers. May not be taken concurrently with RUS 1120 and/or 2220.

RUS 1121. Elementary Russian II (4). Prerequisite: RUS 1120 or its equivalent. Continuation of RUS 1120. May not be taken by native speakers. May not be taken concurrently with RUS 1120 and/or 2220.

RUS 2220. Intermediate Russian (4). Prerequisite: RUS 1121 or equivalent. Grammar, reading, and conversation. May not be taken by native speakers. May not be taken concurrently with RUS 1120 and/or 2220.

RUS 2230. Russian Grammar and Popular Culture (3). Prerequisite: RUS 2220. This multimedia course offers a thorough overview of grammar and basic cultural literacy. Language structures are studied through popular fiction and film genres. Students produce a short film in Russian.

RUS 3240. Reading and Composition (3). Prerequisite: RUS 2220 or equivalent. Oral expression is emphasized.

RUS 3400. Conversation and Composition (3). Prerequisite: RUS 2220 or equivalent. Oral expression, writing practice, and review of grammar.

RUS 3420. Russian Grammar and Composition (3). Prerequisite: RUS 2220 or equivalent. Development of writing and grammar skills.

RUS 4410cr. Advanced Russian Conversation (3). Prerequisite: RUS 3400. Styles and levels of oral expression on a wide range of topics.

RUS 4421cr. Advanced Russian Grammar (3). Prerequisite: RUS 3420. Practical application of advanced language skills.

RUS 4780. Phonetician (3). Prerequisite: RUS 2220 or consent of instructor. An understanding of the phonetic and phonemic structure of Russian with extensive oral practice.

RUS 4840cr. History of the Russian Literary Language (3). Prerequisite: RUS 3420 or equivalent. The development of the phonological and grammatical systems from the earliest records to the present.

RUS 4905cr. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of twelve (12) semester hours.

RUS 4930cr. Special Topics (3). May be repeated to a maximum of nine (9) semester hours.

Russian Courses in Translation

RUT 3110. Russian Literature in English Translation (3). Readings and discussion of major Russian literary works.

RUT 3500. Modern Russian Life (3). An overview of current social and cultural issues in Russian, including the legacy of the Soviet period, the relationship between literature and daily life, women's issues, ecology, mass media, and the efforts of the country to define itself in its new setting and role. No knowledge of Russian is required. May count toward the Slavic (Russian) major. Taught in English.

RUT 3800. Introductory Russian to English Translation (3). Essentials of translation terminology. Requires grade of “B” or better in RUS 2220 (or equivalent) or permission of the instructor.
RUT 3801r. Advanced Russian to English Translation (3). Prerequisite: Successful completion of RUS 3460 (or equivalent) or permission of the instructor. Practice in translation of contemporary publicistic prose. May be repeated to a maximum of six (6) semester hours.

Russian Literature (Writing)

RUW 3100, 3101 Survey of Russian Literature I, II (3, 3). Prerequisite: RUW 2220 or equivalent.

RUW 3391r. Russian Cinema (3). Viewing and discussion of Soviet classics and contemporary films. Credit may be applicable to the Russian major. Knowledge of Russian is not required. May be repeated when content varies to a maximum of six (6) semester hours.

RUW 4370. Russian Short Story and Poets (3). Prerequisite: RUW 3100, 3101, or equivalent.

RUW 4470r. Modern Russian Literature (3). Prerequisite: RUW 3100, 3101, or equivalent. May be repeated to a maximum of nine (9) semester hours.

Serbo-Croatian

Serbo-Croatian Language

SEC 3102/3103. Accelerated Serbo-Croatian (three [3] hours each.) Prerequisite: SEC 3102 or equivalent for 3103. Study of the basic elements of conversational Serbo-Croatian. May not be taken by native speakers.

SEC 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum.

Serbo-Croatian (Writing)

SCW 3101. Survey of Serbo-Croatian Literature (3). Readings in Serbo-Croatian literature, intensive discussion and composition on works read.

Slavic

SLL 3500. Slavic Culture and Civilization (3). This course examines the Slavic peoples, their cultures and traditions, from prehistory to present day. Novels and film give students a perspective from the “inside.” Taught in English.

SLL 3510. The Slavic Vampire (3). This course is an exploration of the myth of the Vampire, from its origins in Slavic folklore to its appropriation by the West. It examines why the Vampire has endured not only in Eastern Europe but also in the Western imagination. Taught in English.

SLL 4095r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

Spanish

Spanish Language

SPN 1120. Elementary Spanish I (4). This course is the first of a three-semester sequence of courses for students with no prior knowledge of the Spanish language, either at the high-school or native-speaker level. The course emphasizes oral communication and grammatical expertise, as well as listening comprehension. Students will read short texts and write paragraphs and short compositions in Spanish. May not be taken concurrently with SPN 1121, 1124, and/or 2220. May not be taken by native speakers. Some sections may be computer-assisted.

SPN 1121. Elementary Spanish II (4). Prerequisite: SPN 1120 or its equivalent. The course emphasizes oral communication and grammatical expertise, as well as listening comprehension. Students will read short texts, poems, and write compositions in Spanish. May not be taken concurrently with SPN 1120, 1124, and/or 2220.

SPN 1123. Language and Civilization (4). This is a one-semester course designed for those students who have had at least two (2) years of high school Spanish (or the equivalent), but who do not feel ready to go directly into SPN 2220 Intermediate Spanish. May not be taken by native speakers. Students passing SPN 1123 with a C- or better are eligible to enroll in SPN 2220.

SPN 2160r. Spanish for Careers (4). Prerequisites: SPN 1120 and 1121, or 1124, or the permission of the instructor. This course introduces students to linguistic and cultural skills in Spanish needed for specific work environments such as law enforcement, education, or medicine. Course content varies with semester. May not be repeated as content varies to a maximum of eight (8) semester hours. With approval of the department, may fulfill the Arts and Sciences language requirement.

SPN 2220. Intermediate Spanish I (4). Prerequisite: SPN 1121, 1124, or equivalent. The course emphasizes oral communication and grammatical expertise, as well as listening comprehension. Students will read short stories, poems, and articles, and will write extended compositions and papers in Spanish. May not be taken concurrently with SPN 1120, 1124, and/or 1124. May not be taken by native speakers.

SPN 2220. Intermediate Spanish II (3). Prerequisite: SPN 2220 or equivalent. This course completes the intermediate Spanish skills sequence and finishes the review of the grammar sequence begun in SPN 2220. Students deepen their functional skills in comprehending, speaking, reading and writing Spanish and gain an overview of Hispanic culture in various countries. May not be taken by native speakers.

SPN 3332. Communication in Language and Culture I (3). Prerequisite: SPN 2240 or permission of instructor. This course uses an integrated skills approach to develop an understanding of Hispanic culture and to extend the growth of communicative proficiency in Spanish. May not be taken by native speakers.

SPN 3333. Communication in Language and Culture II (3). Prerequisite: SPN 3332 or permission of instructor. This course is the second semester of the integrated skills sequence. In this course, students will deepen their understanding of Hispanic culture and the development of communicative proficiency and accuracy in the language. May not be taken by native speakers.

SPN 3350. Spanish for Heritage Speakers (3). This course offers intensive Spanish for heritage speakers who have had little or no formal training in the language. Writing skills are emphasized over oral communication.

SPN 3470. Language and Culture in Business (3). Corequisite: SPN 3333 or permission of instructor. This is an intermediate-level language course aimed at raising cross-cultural awareness in international business. It also is designed to better prepare students to meet the challenges of our global economy.

SPN 3510. Cultures of Iberia (3). Corequisite: SPN 3333 or 3350, or permission of instructor. This course provides students with fundamental knowledge about the cultures and history of the Iberian peninsula in an effort to enhance their cultural and historical knowledge. This course also aims to improve their basic communicative skills in Spanish.

SPN 3520. Cultures of Latin America (3). Corequisite: SPN 3333 or 3350, or permission of instructor. This course provides students with fundamental knowledge about the cultures and history of Latin America in an effort to enhance their cultural and historical knowledge. This course also aims to improve their basic communicative skills in Spanish.

SPN 4420r. Advanced Spanish Composition and Translation (3). Prerequisite: SPN 3333 or equivalent. Stresses composition in Spanish with less emphasis on translation from Spanish into English. For students with prior knowledge of essential points of Spanish grammar. May be repeated to a maximum of six (6) semester hours.

SPN 4740. Hispanic Sociolinguistics (3). Prerequisite: SPN 3333 or 3350, or permission of instructor. This course provides students with a cultural and linguistic awareness of the Spanish language and of the various and numerous societies in which it is spoken. Topics that relate to Spanish may include linguistic variation, language and gender, the sociology of language, the rights of linguistic minorities, language movements, and language policy.

SPN 4805r. Spanish Phonetics (3). Prerequisite: SPN 3333 or 3350, or equivalent. Training in the production of acceptable speech sounds in Spanish and a knowledge of when to use those sounds (allophonic distribution). Class meets both in the classroom and in the language laboratory. The non-native speaker can profit most from this course.

SPN 4905r. Directed Individual Study in Hispanic Language (3). The approval of the faculty member, the divisional coordinator, the Associate Chair for Undergraduate Studies, and the department chair is required. The student and the faculty member will meet each week. May be repeated to a maximum of six (6) semester hours.

SPN 4903r. Studies in Hispanic Language (3). Prerequisite: Spanish majors and minors only with at least six (6) semester hours in Spanish at the 3000 or 4000 level or permission of the instructor. May be repeated when content varies for a maximum of six (6) semester hours.

SPN 4930r. Honors Thesis (1–8). May be repeated to a maximum of nine (9) semester hours, three (3) hours of which may be applied to the requirements for the major with permission of the department. All honors work is directed by the student’s honors committee.

SPN 4942r. Internship in Applied Spanish (1–8). S/U grade only.) Prerequisite: Advanced standing in Spanish. Provides academic credit for students working in governmental agencies or private enterprise where students employ the foreign language. Departmental permission required. May be repeated to a maximum of six (6) semester hours.

Spanish Literature in Translation

SPT 3130. Latin American Literature in Translation (3). Reading and study of some of the outstanding modern prose writers of Latin America, such as Azuela, Carpentier, Borges, Rulfo, Fuentes, Garcia Marquez, Machado de Assis, and Amado. Does not count toward major or minor in Spanish. This class counts for Latin American and Caribbean studies major and minor. Taught in English.

Spanish Literature (Writing)

SPW 3030. Approaching Hispanic Literature (3). Corequisite: SPN 3332 or permission of instructor. This course is a multi-genre introduction to literary analysis. It seeks to further develop basic language and critical thinking skills, understanding of Hispanic cultures and interpretation of Hispanic literature.

SPW 3101. Readings from Early Iberia (3). Prerequisite: SPW 3030. Through a variety of readings and written and oral activities, this course provides students with a fundamental knowledge of the critical issues related to the early Iberian peninsula, from approximately 1000 to 1700 A.D. Such topics may include medieval multiculturalism, the cultural role of the Church, and culture in an age of territorial expansion.

SPW 3104. Readings from Modern Spain (3). Prerequisite: SPW 3030. This course provides students with a variety of readings and written and oral activities, with a fundamental knowledge of the critical issues related to modern Spain from 1700 to the present.

SPW 3202. Readings from Early Spanish America (3). Prerequisite: SPW 3030 or permission of instructor. Through a variety of readings and written and oral activities, this course provides students with knowledge about early Spanish America, from approximately 1492 to 1800. Topics may include the conquest, slavery, mestizaje, founding cultural institutions, and the aesthetics and ideologies of nation-building.

SPW 3391r. Hispanic Cinema (3). Study of the films, movements and directors of Hispanic Cinema. May be repeated to a maximum of six (6) semester hours. Course applies toward major and minor credit in Spanish; however, it may not be applied toward major or minor credit in either Spanish or Latin American and Caribbean studies. Taught in English.

SPW 3493. Readings from Modern Spanish America (3). Prerequisite: SPW 3030. Through a variety of readings and written and oral activities, this course provides students with knowledge of modern Spanish America, from 1800 to the present. Topics may include indigenous and Afro-Caribbean cultures, multiculturalism, revolutions, globalization and border issues.
SPW 4140r. The Poetics of Hispanic Love and Violence (3). Prerequisites: Two 3000-level literature courses or permission of instructor. This course explores poems and other poetic forms of expression that address the complexities of the sentiments of love and violence in the manner that it has been expressed in Hispanic culture. It will introduce and engage these topics as they relate to issues of gender, national politics, and culture from Latin America and Spain. May be repeated to a maximum of six (6) semester hours.

SPW 4150r. Transatlantic Encounters (3). Prerequisites: Two 3000-level literature courses or permission of instructor. This course emphasizes the cultural and historical connection between Spanish America and Spain. Topics of study may include the subaltern in early Spain and Spanish America, nineteenth-century nation identities, and Modernismo/Generacion del 98. May be repeated to a maximum of six (6) semester hours.

SPW 4190r.* Special Topics in Hispanic Literatures and Language (3). Prerequisites: Two SPW 3000-level courses or equivalent. Variable topics chosen from Spanish language movements, periods, figures, and problems. May be repeated to a maximum of six (6) semester hours.

SPW 4301r. Hispanic Culture and Performance (3). Prerequisites: Two 3000-level literature courses or permission of instructor. The study of dramatic works or performances from a Spanish-speaking region within a particular period, including its socio-historical, literary, biographical, and cultural contexts. Students may participate in a workshop production of the work(s) studied. May be repeated to a maximum of six (6) semester hours.

SPW 4481. Contemporary Spanish Women Writers (3). Prerequisites: Two 3000-level literature courses. Course introduces the student to the works of 20th-century Spanish women writers and the critical attention they have received.

SPW 4491. Spanish-American Women Writers (3). Prerequisites: Two 3000-level literature courses. The study of Spanish-American women writers, varying from year to year, focusing on prose fiction, non-fiction and/or drama. Supplementary readings from critical and theoretical works.

SPW 4770. Caribbean Literature (3). Prerequisites: Two 3000-level literature courses or permission of instructor. This course focuses on the reading, discussion and analysis of theoretical works.

SPW 4905r. Directed Individual Study in Hispanic Literature (3). The approval of the faculty member, the divisional coordinator, the Associate Chair for Undergraduate Studies and the department chair is required. The student and the faculty member will meet each week. May be repeated to a maximum of six (6) semester hours.

SPW 4930r. Studies in Hispanic Literature (3). Prerequisites: Spanish majors and minors only with at least six (6) semester hours in SPW courses at the 3000 or 4000 level or permission of the instructor. May be repeated when content varies for a total of six (6) semester hours.

Graduate Courses

FOW 6907r. Directed Readings (1–6). (S/U grade only.)

Chinese

CHI 5505r. Reading in Chinese Literature (3).
CHI 5906r. Directed Individual Study (3). (S/U grade only.)
CHI 5910r. Supervised Research (1–5). (S/U grade only.)
CHI 5940r. Teaching Practicum (0–5). (S/U grade only.)

Czech

CZE 5914r. Directed Individual Study (3). (S/U grade only.)

Foreign and Biblical Languages

FOL 5934r. Problems and Studies in Modern Languages and Literature (3).
FOL 6735. Romance Linguistics (3).

Foreign Writings

FOW 5025. Critical Theory and Its Application to Non-English Literatures (3).

French

FRE 5060. Graduate Reading Knowledge in French (3). (S/U grade only.)
FRE 5069r. Reading Knowledge Examination (0). (S/U grade only.)
FRE 5456. Comparative Stylistics (3).
FRE 5505. French Culture and Civilization (3).
FRE 5535. Post-Colonial Cultures in France (3).
FRE 5755. Old French (3).
FRE 5756. Reading in Old French Language (3).
FRE 5855. Structure of Modern French (3).
FRE 5900r. Studies in French Language and Literature (3).
FRE 5940r. Teaching Practicum (0–5). (S/U grade only.)
FRE 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

French Literature in Translation

FRT 5555. Immigration and National Identity in France (3).

Linguistics

LIN 5035. Historical/Comparative Linguistics (3).
LIN 5045. Descriptive Linguistics (3).
LIN 5510. Transformational Grammar (3).
LIN 5772. Computational Linguistics (3).
The Florida State University College of Motion Picture, Television, and Recording Arts

College of Motion Picture, Television, and Recording Arts

Dean: Frank Patterson; Director, MFA Program: Reb Bradcock; Director, BFA Program and Professor: Frank P. Tomasulo; Assistant Director and Associate Professor: Valliere Richard; Filmmakers in Residence: Allen, Holland; Kaleko, Metz, Meyer, Portman, Robertson, Scoon; Screenwriter in Residence: Long; Visiting Filmmakers in Residence: Chalmers, Cururray, Scott; Dean Emeritus: Raymond Fielding; Distinguished Filmmaker At Large: A.C. Lyles

The Florida State University College of Motion Picture, Television, and Recording Arts (the Film School) offers a bachelor of fine arts (BFA) and master of fine arts (MFA). The BFA combines schooling in filmmaking with solid grounding in liberal studies. The curriculum directs students through the program in such a way that they will begin learning the special language of film by making short films. The Film School funds virtually all student production expenses, including those of the thesis films, a portion of production design, and catering. Screenwriting, production, and film analysis are each viewed as part of an integrated process. The goal of the program is to produce educated, literate, and creative filmmakers; the focus of the program is on fictional narrative films. Undergraduate students in the BFA program will receive a well-rounded liberal arts education that includes writing courses. The major courses include producing, directing, screenwriting, editing, camera and lighting, sound, production management, film history, theory, and aesthetics. Please consult the Graduate Bulletin for information regarding the MFA program.

The purpose of this curriculum is to furnish the conceptual framework, the professional training, and the working environment for eventual participation in a profession that is a powerful influence in our culture. The goals of the College of Motion Picture, Television, and Recording Arts are to fully educate students and to help them become integral members of the academic community of the Florida State University, responsible members of the entertainment profession, and participants in a creative and artistic process.

The program in motion picture, television, and recording arts is under constant review and subject to change. For further information, please refer to http://film.fsu.edu.

Spanish

Spanish Language

SPN 5060. Graduate Reading Knowledge in Spanish (3). (S/U grade only.)
SPN 5069r. Reading Knowledge Examination (0). (S/U grade only.)
SPN 5795. Phonology of Spanish (3).
SPN 5805. Spanish Morphology and Syntax (3).
SPN 5845. History of the Spanish Language (3).
SPN 5855. Advanced Spanish Grammar and Composition (3).
SPN 5900r. Studies in Hispanic Language and Literature (3).
SPN 5940r. Teaching Practicum (0–5). (S/U grade only.)
SPN 6026r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Spanish Literature (Writings)

SPW 5195r. Studies in Hispanic Literatures and Cultures (3).
SPW 5216. Spanish Golden Age Prose (3).
SPW 5269. Spanish 19th-Century Novel (3).
SPW 5275r. Spanish 20th-Century Novel (3).
SPW 5315. Spanish Golden Age Theater (3).
SPW 5325. Spanish 20th-Century Drama (3).
SPW 5337. Spanish Poetry through 1700 (3).
SPW 5338r. Spanish Poetry from 1700 to Present (3).
SPW 5356. Early and Modern Spanish American Poetry through Modernism (3).
SPW 5357. Contemporary Spanish American Poetry since Modernism (3).
SPW 5365. Spanish American Prose: Nonfiction (3).
SPW 5385. Early and Modern Spanish American Prose Fiction to 1927 (3).
SPW 5386. Contemporary Spanish American Prose Fiction since 1927 (3).
SPW 5405. Medieval and Early Renaissance Spanish Literature (3).
SPW 5406. Contemporary Spanish Women Writers (3).
SPW 5409. Spanish-American Women Writers (3).
SPW 5427. 20th-Century Spanish-American Drama (3).
SPW 5560. Cervantes (3).
SPW 5757. 20th-Century Mexican Prose (3).
SPW 5908r. Directed Individual Study (3). (S/U grade only.)
SPW 5910r. Supervised Research (1–5). (S/U grade only.)
SPW 6008. Research Criticism and Professional Issues (3). (S/U grade only.)
SPW 6934r. Topics in Hispanic Language and Literature (3).
SPW 6939r. Seminar on a Spanish American Author (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MOLECULAR BIOPHYSICS, PROGRAM IN: see Graduate Bulletin

MOLECULAR BIOLOGY: see Biological Science
State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following are the common course prerequisites or approved substitutions necessary for this degree program:

Motion Picture and TV Technology
1. FIL X401 History of Motion Picture I or FIL X400 History of Motion Picture.
2. FIL X100 Film and Television Writing or any general screen or script-writing course.

Requirements for a Major in Motion Picture, Television, and Recording Arts

This major emphasizes three areas: production skills, screenwriting, and interpretative analysis. Traditional classes in these areas will be supplemented with: 1) problem-solving seminars simulating entertainment business dilemmas; 2) laboratory courses in production techniques; and 3) screenings and workshops conducted by active film professionals.

The degree will require completion of a minimum of one hundred twenty (120) semester hours. For a sample listing of the required curriculum plan, please refer to http://film.fsu.edu.

Admission

This is a limited access program; therefore, admission is highly selective and highly competitive. Approximately twenty-five freshmen and five transfer students are admitted each year as film students. A student seeking to enter the program must offer an acceptable grade point average (GPA) usually above 3.0 and be eligible for admission to FSU. Freshmen majors will not enroll in film major classes prior to their sophomore year in order to concentrate full-time on fulfilling liberal studies requirements. Summer enrollment of freshmen could be required in order to complete twenty-seven (27) semester hours of the liberal studies requirements prior to continuing in the fall as a sophomore. Admission into the film major as a transfer student requires that twenty-seven (27) semester hours of the liberal studies requirements be completed by Fall admission.

A separate application must be submitted directly to The Florida State University Office of Admissions, in addition to the application for admission to the College of Motion Picture, Television, and Recording Arts.

All applications to the Film School must include a 500–1,000 word essay describing the applicant’s background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two (2) letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all of these items will be treated as incomplete, and admission will be denied automatically.

Applicants are not permitted to submit portfolio items such as VHS tapes, DVDs, writing samples, photos, etc. The deadline for submitting an application to the undergraduate program is December 15th for students seeking admission in the fall semester. Film School applications are available online at http://film.fsu.edu.

Grade Requirements

Film majors must maintain a “B” average in all major requirements.

Retention

All students must meet the University’s minimum retention standards. In addition, continuation as a major in the Film School will depend on the development of each student’s talents, skills, professional discipline, and academic record. A student’s work and commitment are under continuous review, and any candidate who fails to maintain high standards will be dismissed from the program.

Probation and/or Dismissal

Film majors will adhere to the University Academic Honor System, Student Conduct Code, and Summons to Responsible Freedom.

At the end of each semester, the faculty and director will meet to discuss the work, behavior, grades, and progress of the majors. At that time, students may be notified of probation or dismissal by a letter stating their status, with an invitation to meet with the director. In addition, a student may be placed on probation or dismissed at any time under the following circumstances:

1. Cumulative GPA falls below 3.0 in all major requirements resulting in a one-semester probation. Students will be reinstated in good standing if the cumulative major GPA rises to 3.0 by the end of the following semester. Failure to raise the GPA will result in dismissal from the program;
2. Poor attendance. Attendance will be taken in all classes at the beginning of class. Anyone not in class at that time will be considered absent; anyone leaving class early may also be counted as absent. Approval of absences is up to the instructor and will require documentation to confirm the legitimacy of the absence;
3. Professional behavior is expected of film majors at all times. Therefore, behavior so negative, disruptive, or destructive as to compromise the work of fellow students or the effectiveness of the faculty and/or inability to work positively in a collaborative environment shall constitute grounds for probation or immediate dismissal without any prior period of probation. Peer evaluations may be considered in this evaluation process. A student on probation will be reinstated in good standing if, in the judgment of the faculty and the director, behavioral problems have been corrected. A student’s failure to correct problems will result in dismissal from the program;
4. Any unauthorized use, possession, or willful destruction of Film School equipment, facilities, film stock, or finished film will result in immediate notification to the proper authorities. The outcome of their decisions will determine the actions of the Film School with respect to the student(s) involved.

Liberal Studies Program

All undergraduates majoring in film are required to meet The Florida State University liberal studies requirements as specified in the “Undergraduate Degree Requirements” chapter of this General Bulletin. It is recommended students register for CHM 1020, Chemistry for Liberal Studies, and PHY 1020, Fundamentals of Physics, as electives or to fulfill the requirement in the natural science area of liberal studies. These courses benefit the student in preparation for sound and lighting courses.

Transfer Students

Approximately 5 transfer students will be accepted into the College of Motion Picture, Television, and Recording Arts for admission each Fall semester, and they are required to have completed twenty-seven (27) semester hours of the liberal studies requirements prior to the fall semester. Applications must be submitted separately to both The Florida State University Office of Admissions and the College of Motion Picture, Television, and Recording Arts. Applications are available online at http://filmschool.fsu.edu. All applicants with an acceptable GPA (usually above 3.0) must submit a 500–1,000 word essay describing their background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two (2) letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all of these items will be treated as incomplete, and admission will be denied automatically.

Applicants are not permitted to submit portfolio items such as VHS tapes, DVDs, writing samples, photos, etc. The deadline for submitting an application to the Film School is December 15th for the applicant to be considered for admission the following fall semester. Applicants are not permitted to submit portfolio items such as VHS tapes, DVD’s, writing samples, photos, etc. Transfer students must satisfy the same major requirements and curriculum as students who take all of their course work in the College of Motion Picture, Television, and Recording Arts.

Honors in the Major

The undergraduate Film School offers a program in honors in the major to encourage talented juniors and seniors to write a feature-length screenplay (or undertake independent and original research) as part of the Bachelor of Fine Arts degree. For requirements and other information,
see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Health Insurance

Students seeking degrees in certain majors, including film, assume any exposure to the particular hazards associated with that major. As protection for our students, the Film School requires that majors present proof of health and accident insurance prior to registration in the fall semester or each year. Students are expected to maintain this insurance throughout their enrollment in the Film School. Registration will be administratively canceled at the end of the second week of classes for any students failing to provide proof of insurance.

Film Studies Minor in the College of Motion Picture, Television, and Recording Arts

BFA Director: Dr. Frank P. Tomasulo, Film School

The film studies minor will give students the opportunity to select a program of study that examines the many facets of American and international cinema. The interdisciplinary nature of the program allows students to experience different approaches to film study: film and cultural differences, basic film vocabulary, film history, film and social forces, film genres, film theories, film directors, and film aesthetics. No production classes are offered in the film studies minor.

For additional information on a film minor, please e-mail Marie Behm, academic adviser, at mbehm@film.fsu.edu.

Requirements for a Minor in Film Studies

The interdisciplinary minor requires the completion of fifteen (15) semester hours in courses approved for film studies. All students are required to take either FIL 2001, Introduction to Film, FIL 2030, Film History, or FIL 2000, Elements of Film. The remaining hours may be selected from the film studies offerings. Courses counted toward the film studies minor cannot be counted toward the major.

For additional information on a film minor, please e-mail Marie Behm, academic adviser, at mbehm@film.fsu.edu.

Academic Programs
Program in
MULTINATIONAL BUSINESS OPERATIONS

COLLEGE OF BUSINESS

Program Director: Gary Knight; Professors: Giunipero, Stepina; Associate Professor: Knight; Assistant Professors: Kim, Lee

The curriculum in international business leads to the development of critical thinking ability and analytical thinking skills pertaining to the issues that are faced by firms in the international marketplace, particularly those that relate to strategy formulation and implementation. As such, the international business curriculum furnishes students with the professional skills necessary to conduct international business operations.

The international business program builds upon the liberal studies program of the University and the general business requirements of the College of Business. Additional work in anthropology, economics, geography, modern languages, and political science, in particular, is encouraged.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071;
3. CGS X100*
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or QMB X100.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a Major in Multinational Business Operations

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for multinational business operations majors; 3) the general business core requirements for multinational business operations majors; 4) the general business breadth requirements for multinational business operations majors; and 5) the major area requirements for multinational business operations majors.

Note: to be eligible to pursue a multinational business operations major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All multinational business operations majors must complete the following five (5) courses. A grade of “C--” or better must be earned in each course.

BUL 3310 The Legal Environment of Business (3).
FIN 3403 Financial Management of the Firm (3).
GEB 3213 Business Communications (3).

FIL 5005. Introduction to the Motion Picture, Television, and Recording Arts Industry (6).
FIL 5021. History and Criticism I (3).
FIL 5022. History and Criticism II (3).
FIL 5155L. Screenwriting: 1: Techniques and Treatments (2–6).
FIL 5156L. Screenwriting: 2: Narrative Techniques (2–6).
FIL 5157L. Screenwriting: 3: Advanced Workshop (2–6).
FIL 5158. Screenwriting IV: Television Workshop (3).
FIL 5159. Screenwriting V: Motion Picture Workshop (3).
FIL 5408r. Preproduction and Production Planning (3–12).
FIL 5429L. Basic Film Production (2–6).
FIL 5464r. Directing Actors (2).
FIL 5468Lr. Advanced Directing (2).
FIL 5499. Acting for the Camera (3).
FIL 5519L. Camera and Light Mechanics (2–6).
FIL 5546. Advanced Sound (2–6).
FIL 5555L. Film Editing (2–4).
FIL 5568L. Advanced Editing (2–6).
FIL 5590L. Lighting Workshop (2–6).
FIL 5591r. Production Design Workshop (2–12).
FIL 5592L. Sound Workshop (2).
FIL 5593L. Postproduction Sound Workshop (2).
FIL 5594r. Directing: Multicamera Workshop (3–9).
FIL 5595Lr. Directing: Single-Camera Workshop (2).
FIL 5596r. Directed Individual Study (3–12). (S/U grade only.)
FIL 5599r. Apprenticeship (3–12). (S/U grade only.)
FIL 5642L. Producing 1 (2).
FIL 5644L. Producing 2 (2).
FIL 5648Lr. Production Management (2).
FIL 5744r. Basic Video Production (3–6).
FIL 5781. Intermediate Television Editing (3).
FIL 5782. Advanced Television Editing (3).
FIL 5805r. Critical Studies in Film and Television (3).
FIL 5806. Critical Methods in Motion Picture, Television, and Recording Arts (3).
FIL 5807. Critical Methods of Film Analysis (3).
FIL 5875r. Film Aesthetics (1).
FIL 5906r. Directed Individual Study (3–12). (S/U grade only.)
FIL 5912r. Supervised Research or Creative Activity (3). (S/U grade only.)
FIL 5921r. Colloquium in Motion Picture, Television, and Recording Arts (3).
FIL 5930r. Internship in Motion Picture, Television, and Recording Arts (1). (S/U grade only.)
FIL 5931r. Special Topics in Motion Picture, Television, and Recording Arts (3–12).
FIL 5941r. Supervised Teaching (3). (S/U grade only.)
FIL 5955r. Apprenticeship (3–12). (S/U grade only.)
FIL 5962r. MFA Qualifying Project (3–15).
FIL 5964. MFA Qualifying Exam (0). (S/U grade only.)
FIL 5975r. Thesis (3–12). (S/U grade only.)
FIL 5977r. MFA Thesis Production (3–15). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MOTOR BEHAVIOR: see Nutrition, Food and Exercise Sciences

MOVEMENT SCIENCE: see Nutrition, Food and Exercise Sciences

MULTILINGUAL/MULTICULTURAL EDUCATION: see Middle and Secondary Education
General Business Breadth Requirements

All multinational business operations majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

MAN 3600 Multinational Business Operations (3).
MAN 4720 Strategic Management and Business Policy (3).
Plus two (2) electives from the following:
HFT 3240 Managing Service Organizations (3).
ISM 3011 Introduction to Management Information Systems (3).
MAN 3504 Services Operations Management (3).
MAR 3700 Professional Selling (3).
QMB 3200 Quantitative Methods for Business Decisions (3).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Major Area Requirements

The Multinational Business Operations major area requirements include four (4) components: foreign language, area studies courses, study abroad experience, and multinational business major area courses. Students must select a particular global interest area: Latin America, Europe, or the Far East. The foreign language courses, area studies courses, and study abroad experience are required to provide students a background in the global interest area selected.

Foreign Language (up to twelve [12] semester hours, depending on initial course placement):

Students must complete a foreign language through the intermediate (2200 or equivalent) level. Students should choose the language based on their global interest area: Latin America: Spanish or Portuguese; Europe: French, German, or Italian; Far East: Chinese (Mandarin) or Japanese. Students may choose another language with permission of the Program Director.

Area Studies Courses (nine [9] semester hours):

Students must complete three (3) area studies courses from the approved course list for their selected global interest area. The area studies courses complement the foreign language taken. The approved course list for area studies courses is available from the College of Business Undergraduate Advising Office.

Study Abroad Experience:

Students must complete at least six (6) semester hours from a complementory FSU International Programs study abroad program (or other approved study abroad experience) located in their global interest area.

Multinational Business Major Courses:

All multinational business operations majors must complete the five (5) courses listed below. A grade of “C–” or better must be earned in each course.

FIN 4604 Multinational Financial Management (3).
MAN 4605 Cross-Cultural Management (3).
MAN 4610 Resources and World Enterprises (3).
MAN 4680r Selected Topics in International Management (3).
MAR 4156 Multinational Marketing (3).

Definition of Prefixes

FIN—Finance
MAN—Management
MAR—Marketing

Undergraduate Courses

FIN 4604. Multinational Financial Management (3). Prerequisites: FIN 3403, 3424. Introduces the student to financial management decision making in international environments through the use of cases, projects, and business games.
MAN 4605. Cross-Cultural Management (3). Prerequisite: MAN 3240. Course studies the unique issues of managing in non-native culture. Discusses management situations where members of more than one cultural group are included, along with strategies for maximum effectiveness in such situations.
MAN 4610. Resources and World Enterprises (3). Prerequisites: ECO 2013, 2023. Focuses on the economics and politics of world reality. Examines OPEC, the world oil industry, consuming countries, and alternative energy sources.
MAN 4631. International Strategic Management (3). Prerequisites: ECO 2013, 2023; MAN 3600. Course focuses on the international dimensions of strategic management, including environmental and political issues affecting global competition. Special emphasis is given to the multinational enterprise and strategic options available for effective world-wide competitive advantage.
MAN 4680r. Selected Topics in International Management (3). Prerequisites: ECO 2013, 2023; MAN 3600. Selected topics in international management. Topics will vary depending upon the instructor for the course. May be repeated to a maximum of six (6) semester hours.
MAR 4156. Multinational Marketing (3). Prerequisites: MAR 3023; MAN 3600. Introduces the student to marketing management decision making in international environments through the use of cases and/or business games.
State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

**Music**

1. MUT X111*, MUT X112*, MUT X116*, MUT X117*;
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to four (2–4) semester hours of MVx XX1X;
5. Two to four (2–4) semester hours of MVx XX2X;

**Note:** Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Music Composition**

1. MUT X111*, MUT X112*, MUT X116*, MUT X117*;
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to four (2–4) semester hours of MVx XX1X;
5. Two to four (2–4) semester hours of MVx XX2X;

**Note:** Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Music History and Appreciation**

1. MUT X111*, MUT X112*, MUT X116*, MUT X117*;
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to four (2–4) semester hours of MVx XX1X;
5. Two to four (2–4) semester hours of MVx XX2X;

**Note:** Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Music Teacher Education**

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.
5. **Plus** the following general program prerequisites:
   a. MUT X111*, MUT X112*, MUT X116*, MUT X117*;
   b. MUT X241*, MUT X242*, MUT X246*, MUT X247*;
   c. MVx X1X1 and MVx X2X2 (two to four [2-4] semester hours each);
   d. One course (four [4] semester hours) with the MUN prefix;
   e. Secondary Piano* (proficiency by examination).

**Note:** Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Music Performance**

1. MUT X111*, MUT X112*, MUT X116*, MUT X117*;
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to four (2–4) semester hours of MVx XX1X;
5. Two to four (2–4) semester hours of MVx XX2X;

**Note:** Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Music Theory**

1. MUT X111*, MUT X112*, MUT X116*, MUT X117*;
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to six (2–6) semester hours of MVx XX1X;
5. Two to six (2–6) semester hours of MVx XX2X;

**Note:** Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Music Therapy**

1. MUT X111*, MUT X112*, MUT X116*, MUT X117*;
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to six (2–6) semester hours of MVx XX1X;
5. Two to six (2–6) semester hours of MVx XX2X;

**Honors in the Major**

The College of Music offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Graduate Degrees**

The following are the graduate degrees offered by the College of Music:

- Master of music
  - Performance Accompanying
  - Piano pedagogy
  - Choral conducting
  - Instrumental conducting
  - Jazz studies
  - Music theory
  - Composition
  - Musicology (both historical and ethnomusicology)
  - Opera
  - Music therapy
Academic Programs

Music 293

Master of music education
Master of arts in arts administration
Doctor of philosophy in music education
Doctor of philosophy in music
(specializations in historical musicology, ethnomusicology, and music theory)
Doctor of education in music education
Doctor of music in composition
Doctor of music in performance

The doctor of philosophy (PhD) degree in humanities with an emphasis in music is available from the College of Arts and Sciences.

For complete details of undergraduate degree requirements, plus a description of the school, its opportunities, and available financial assistance, refer to the “College of Music” chapter of this General Bulletin. Details of graduate programs can be found in the Graduate Bulletin.

Definition of Prefixes

MUC — Music: Composition
MUE — Music Education
MUG — Music: Conducting
MUI — Music: History/Musicology
MUL — Music Literature
MUM — Music: Commercial/Management/Administration
MUN — Music Ensembles
MIO — Music: Opera/Music Theatre
MUR — Music: Church
MUS — Music
MUT — Music: Theory
MUY — Music: Therapy
MV — Applied Music: Brasses
MVH — Historical Instruments
MVJ — Applied Music: Jazz
MVK — Applied Music: Keyboard
MVO — Applied Music: Other
MVP — Applied Music: Percussion
MVS — Applied Music: Strings
MVW — Applied Music: Voice
MVW — Applied Music: Woodwinds

Undergraduate Courses

Composition

MUC 1211. Composition (2). Prerequisites: MUT 1111, 1241; consent of composition faculty. For composition majors only. The elements of form and composition. May be repeated to a maximum of six (6) semester hours.

MUC 221. Composition (3). Prerequisites: MUC 2211r; consent of composition faculty. For composition majors only. May be repeated to a maximum of six (6) semester hours.

MUC 2610r. Film Scoring (3). Prerequisite: Permission of instructor. Techniques of film scoring and review of application requirements. May be repeated to a maximum of six (6) semester hours.

MUC 3260r. Jazz Composition (3). Techniques of creative jazz composition and literature. May be repeated to a maximum of six (6) semester hours.

MUC 4103r. Composition (2). Prerequisite: MUC 2117. For non-composition majors only. May be repeated to a maximum of four (4) semester hours.

MUC 4241r. Composition (3). Prerequisite: MUC 4231r; consent of composition faculty. For composition majors only. May be repeated to a maximum of six (6) semester hours.

Music Education

MUE 1099. Orientation to Music Education/Music Therapy (1). (S/U grade only.)


MUE 2390. Teaching Music to Diverse Populations (3). An introduction to the learning problems and needs of special education, early intervention, at-risk and ESL children and those from diverse cultures, with applicable teaching methodology specific to music education curricula and goals.

MUE 2410. Choral Techniques for Non-Voice Principals (2). Prerequisite: Non-vocal music education majors, or consent of instructor. Corequisite: University Chorale (Summer) or approved substitute. Individual and group vocal techniques for the non-vocal music education major.


MUE 3091. Orientation to Music Education/Therapy (1). (S/U grade only.) An orientation to the career options in music therapy.

MUE 3210. Elementary School Music (3). Prerequisite: MUE 2290 or consent of instructor. The teaching of music in the kindergarten and the first six grades. For non-music majors.

MUE 3311. Reading and Teaching Music: Elementary (3). This course seeks to introduce the prospective music teacher to a variety of skills and techniques necessary for successful teaching in elementary school settings.

MUE 3334. Assessment and Teaching Music: Secondary Schools (3). Prerequisite: MUE 3311. Designed for undergraduate music education majors planning to teach general music classes in secondary schools, this course provides knowledge and experiences aimed at improving the student’s understanding, skills, and confidence as a teacher and musician.

MUE 3343. The Instrumental Program Strings and Orchestra (3). Required of music education instrumental majors.

MUE 3344. Teaching General Music K–12 (3). Prerequisites: MUE 3311, 3334. The rationale, sequence, and learning theory in relation to music for the general student (K–12).

MUE 3441. Methods of String Instruction (3). In this course, students have the opportunity to read current writings on string pedagogy, develop performance skills on two stringed instruments, and observe professionals teaching strings in the public schools. This course is required of all undergraduate instrumental music education majors.

MUE 3443. Introduction to Teaching String Instruments (3). Prerequisite: Admission to professional sequence, or consent of instructor. Teaching and performance techniques for string instruments.

MUE 3456. Techniques and Teaching: Oboe, Bassoon (2). The application of performance and teaching techniques and practices unique to oboe and bassoon.

MUE 3457. Techniques and Teaching: Flute, Clarinet, Saxophone (2). The application of performance and teaching techniques and practices unique to flute, clarinet, and saxophone.

MUE 3465. Techniques and Teaching: Brass Instruments (2). The application of performance and teaching techniques and practices unique to brasses.

MUE 3475. Techniques and Teaching: Percussion Instruments (2). The application of performance and teaching techniques and practices unique to percussion.

MUE 3491. Communication Skills for the Musician: Choral (2). This course introduces development of choral, verbal and non-verbal communication skills, conducting skills, and knowledge of choral literature.

MUE 3492. Choral Literature and Conducting (2). Concurrent registration in MUE 3495r is required.

MUE 3493. Communication Skills for the Musician: Instrumental (2). This course examines communication in the conducting of instrumental music in public schools. It emphasizes verbal and non-verbal rehearsal techniques and the application of pedagogical skills in the classroom.

MUE 3494. Band and Orchestral Literature and Conducting (2). Concurrent registration in MUE 3496r is required.

MUE 3495r–3496r. Music Education Laboratory (one [1] hour each). Required of all music education majors. MUE 3495r and 3496r each may be repeated to a maximum of four (4) semester hours. 3495r Choral, 3496r Instrumental.

MUE 3496. Music Education in the American Society (3). This course analyzes the interaction of society, culture, and musical behavior with the activities, attitudes, and behaviors in the United States’ school systems.

MUE 4092r. Arts in Medicine Services (1-3). This course orients, teaches, and coordinates students who wish to volunteer for Arts in Medicine practica at Tallahassee Memorial HealthCare. The purpose of the course is to allow each student to use his/her particular talents to benefit Tallahassee Memorial HealthCare patients, families, and staff. For each hour of academic credit, students are required to complete two (2) hours per week of volunteer service throughout the semester. May be repeated to a maximum of three (3) semester hours.

MUE 4342. The Instrumental Program in the Schools Band (2). Prerequisite: MUE 3344, 3494.

MUE 4391. Music in Special Education (3). Techniques of teaching music to children in special education programs. Open to music and non-music majors.

MUE 4392. Classroom Management, Safety, Law, and Ethics (3). This course examines the following issues: specific techniques in classroom management, discipline, crises prevention and intervention; techniques for providing a safe and positive classroom environment for all students; and knowledge concerning professional ethics and legal expectations.

MUE 4411. Choral Techniques (4). Prerequisite: MUE 3491–3492 or consent of instructor. Chorus and choral problems: organization, rehearsal, repertory, diction, intonation, tone quality, balance, blend, and style. Concurrent registration in MUE 3495r is required.


MUE 4480. Marching Band Techniques (1). The study of current marching band techniques, methods, and styles and their application to secondary public school music education programs.

MUE 4481. Jazz Ensemble Techniques (1). A course designed to study the implementation and administration of the jazz ensemble in the public school music program.

MUE 4490. Technology for the Music Classroom (2). Prerequisites: permission of instructor or consent of instructor. A course designed to study the implementation and administration of technology in the music classroom. This course combines reading, discussion and hands-on projects to achieve an understanding of how computers work and how they can be incorporated effectively in the music classroom from K-12.

MUE 4490. Internship in Music (12). (S/U grade only.) Prerequisites: Senior standing, consent of instructor.

MUY 4300. Medical Music Therapy (3). The purposes of this course are to understand the role and scope of music therapy in medical treatment; to learn to design music activities in medical situations to reduce pain, anxiety, and distress; to participate in field experiences observing medical music therapy practices in a hospital setting; and to learn medical documentation for clinical music therapy.
Conducting
MUG 3104. Conducting (1). Prerequisite: MUT 1112. The elements of conducting and rehearsal techniques.

Music History
MUH 2011. Introduction to Music History—Music Appreciation. 18th and 19th Centuries (3). For non-music majors. Meets liberal studies requirements in area IV. A survey of musical expression in relation to the background of the life and art that created it, encompassing the great periods of music history of the 18th and 19th centuries, composers and their musical masterpieces, styles, and forms.
MUH 2012. Music in Western Culture, 19th and 20th Centuries (3). For non-music majors. Meets liberal studies requirements in area IV. A survey of the music literature and composers of the 19th and 20th centuries. This course will explore music and its relation to the other arts, the historical events of the times, and the races in which the music literature was created.
MUH 2019. Modern Popular Music (3). A survey of the development of popular music from the 1950s to the present, examining both the music and the cultural, social, economic, technological, and political conditions surrounding that music.
MUH 2051, 2052. Music Cultures of the World II (3, 3). For non-music majors only. Meets the University multicultural component for the liberal studies requirements in cross-cultural studies.
MUH 2512, 2513. Music Cultures of the World I, II (2, 2). For music majors only.
MUH 3053. American Roots Music (3). Studies of the diverse musics of North American minority groups, with an emphasis on Native American, African-American, Latin American, Asian, Jewish, and certain Euro-American traditions. Meets the University multicultural component for liberal studies requirements in diversity in Western music.
MUH 3211. Survey of Music History I: Antiquity to 1750 (3). Prerequisites: MUL 2110; MUH 2512 or 2513. Required of majors. Survey of music history from antiquity to 1750.
MUH 3212. Survey of Music History II: 1750 to Present (3). Prerequisite: MUH 3211. Required of majors. Survey of music history from 1750 to the present.
MUH 4231. History of Music: Medieval (3). Prerequisites: MUH 3211, 3212; consent of instructor.
MUH 4331. History of Music: Renaissance (3). Prerequisites: MUH 3211, 3212; consent of instructor.
MUH 4341. History of Music: Baroque (3). Prerequisites: MUH 3211, 3212; consent of instructor.
MUH 4351. History of Music: Classical (3). Prerequisites: MUH 3211, 3212; consent of instructor.
MUH 4361. History of Music: 19th Century (3). Prerequisites: MUH 3211, 3212; consent of instructor.
MUH 4371. History of Music: 20th Century (3). Prerequisites: MUH 3211, 3212; consent of instructor.
MUH 4541. Music of Latin America I (3). A study of the diverse musical cultures of Latin America, including Native American, European, African, and Asian derived, and syncretic or mestizo forms.
MUH 4542. Music in Latin America II (3). A study of the religious and art music of Latin America from the Colonial Period to the present.
MUH 4543. Music in the Caribbean (3). A survey of the musics of the Caribbean Basin from Cuba to Trinidad-Tobago, the coastal regions of northern Venezuela and Colombia, and the eastern coasts of Central America and Mexico.
MUH 4571. Music of Indonesia (3). This course offers a survey of selected music cultures of Indonesia. It will be on gamelan music, especially that of Java and Bali. Popular and experimental Indonesian musical forms, as well as Indonesian-inspired music by Western composers, also will be investigated.
MUH 4572. Music of Japan (3). A study of the traditional music of Japan, emphasizing historical background and cultural contexts, instruments and ensembles, structures and styles, theatrical and dance forms, and contemporary music.
MUH 4582. Seminar in World Music Studies (3). The advanced study of contrasting music cultures from around the world, emphasizing both music as sound and music as culture.
MUH 4591. World Music Pedagogy (3). Prerequisites: MUH 2512, 4582. This course considers theory and practice of teaching undergraduate world music survey courses, including knowledge of and critical approaches to teaching materials in various media.
MUH 4680. Introduction to Historical Musicology (3). An introduction to the history, scope, and sources of musicological research.
MUH 4681. Senior Seminar in Music History (3). Prerequisite: MUH 4680. A seminar in music history.

Music Literature
MUL 2110. Survey of Music Literature (2). Prerequisites: MUT I111, II12; or their equivalents. Required of music majors and minors.
MUL 3604. Vocal Solo Literature: German (2). Prerequisite: Junior standing. Required of voice performance majors.
MUL 4371. Music Since World War II (3). Recent music techniques and aesthetics as revealed in selected works.
MUL 4420. Chamber Music Literature for Strings (3). A study of chamber music literature for strings alone, strings with keyboard, and strings with other instruments.
MUL 4430. Guitar Literature I (2). A study of guitar literature from the Renaissance to the Pre-Classical period.
MUL 4431. Guitar Literature II (2). A study of guitar literature from the Classic period to the present.
MUL 4490. Survey of Organ Literature (1). A survey of the major schools of organ composition, with particular emphasis on the contribution of organ music to the liturgy of the Western church.
MUL 4600. Survey of Sacred Vocal Literature (1). A survey of the sacred vocal literature available for the liturgical year.
MUL 4642. Survey of Sacred Choral Literature (1). A survey of sacred choral literature suitable for medium-size choirs in churches and synagogues, embracing Catholic, Protestant, or Jewish faiths.
MUL 4511r. Special Topics in Music Literature 1–3. The study of music literature. May be repeated to a maximum of twelve (12) semester hours.

Keyboard Technology
MUM 4120. Applied Piano Tuning I (3). Prerequisite: permission of instructor. This course develops tuning skills up to the concert level, and prepares students for the Piano Technicians Guild tuning exam.
MUM 4220. Theory of Piano Technology I (2). Prerequisite: Sophomore standing or permission of instructor. History and fundamental principles of the modern mechanisms of the piano.
MUM 4221. Theory of Piano Technology II (2). Prerequisite: MUM 2250; permission of instructor. Introductory instruction in preparing a piano for concert performance, including tuning, voicing, and regulation.
MUM 4251. Piano Technology I (3). Prerequisite: permission of instructor. This course is an introduction to the history of the piano, fundamental principles of the mechanisms of the modern piano, and construction techniques.
MUM 4252. Piano Technology II (3). Prerequisite: MUM 4251. Projects include highlighting beginning restoration techniques and introduction to action regulation.
MUM 4253. Piano Technology III (3). Prerequisite: MUM 4252. Advanced repair and restoration techniques are examined.
MUM 4254. Piano Technology IV (3). Prerequisite: MUM 4253. Topics include major repairs and advanced and cutting edge action geometry.
MUM 4256. Organ Design and Maintenance (2). Prerequisite: Consent of instructor. Open to all upper-division organ majors and principals.

Ensembles
Note: All ensemble courses are repeatable.
MUN 2110r. Marching Chiefs (0–1). Prerequisite: By audition. Band experience in marching and concert for all University students. May be repeated to a maximum of four (4) semester hours.
MUN 2120r. Concert Band (0–1). Concert experience in a variety of literature for all University students. May be repeated to a maximum of four (4) semester hours.
MUN 2130r. Symphonic Band (0–1). Prerequisite: By audition. Concert experience in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.
MUN 2140r. Wind Orchestra (0–1). Prerequisite: By audition. Professional-level performance in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.
MUN 2210r. University Symphony (0–1). Prerequisite: By audition. The study and performance of works representative of a broad spectrum of orchestral literature. Participation by string majors required. May be repeated to a maximum of four (4) semester hours.
MUN 2220r. Chamber Orchestra (0–1). Prerequisite: By audition. The study and performance of works suitable for chamber orchestra. Open to selected undergraduate students. May be repeated to a maximum of four (4) semester hours.
MUN 2230r. Opera Orchestra (0–1). Prerequisite: By audition. The study and performance of works drawn from grand opera, operettas, and musicals. May be repeated to a maximum of four (4) semester hours.
MUN 2310r. University Singers (0–1). Prerequisite: By audition. The study and performance of works representative of a wide spectrum of choral literature. Open to all University students. May be repeated to a maximum of four (4) semester hours.
MUN 2311r. Choral Union (0–1). The reading, study, and performance of choral repertoire and voices. Open to all University students. May be repeated to a maximum of four (4) semester hours.
MUN 2320r. Women's Glee Club (0–1). The study and performance of representative choral works for women's voices. Open to all women enrolled in the University. May be repeated to a maximum of four (4) semester hours.
MUN 2330r. Men’s Glee Club (Collegians) (0–1). The study and performance of representative choral works for men’s voices. Open to all men enrolled in the University. May be repeated to a maximum of four (4) semester hours.

MUN 2340r. Open Vocal Ensemble (0–1). Prerequisite: By audition. The study and performance of works drawn from grand opera, operettas, and musicals. Productions are presented in costume and makeup. May be repeated to a maximum of four (4) semester hours.

MUN 2390r. University Chorus (0–1). The study and performance of works representative of a wide spectrum of choral literature for mixed voices. Open to all University students except voice performance majors. May be repeated to a maximum of four (4) semester hours.

MUN 2420r. Woodwind Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for woodwinds. May be repeated to a maximum of four (4) semester hours.

MUN 2430r. Brass Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for brasses. May be repeated to a maximum of four (4) semester hours.

MUN 2440r. Percussion Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for percussion. May be repeated to a maximum of four (4) semester hours.

MUN 2451r. Duo Piano (I). Prerequisite: Permission of instructor. The study and performance of duo piano and piano duet literature. May be repeated to a maximum of four (4) semester hours.

MUN 2460r. Chamber Music (0–1). Prerequisite: Permission of instructor. The study and performance of vocal and/or instrumental ensemble literature. May be repeated to a maximum of four (4) semester hours.

MUN 2471r. Collegium Musicum (0–1). Prerequisite: Permission of instructor. The study and performance of music of the Middle Ages and Renaissance periods, with emphasis on historical validity, technical proficiency, and expressive musicianship. May be repeated to a maximum of four (4) semester hours.

MUN 2472r. Baroque Ensemble (0–1). Prerequisite: Consent of instructor. May be repeated to a maximum of four (4) semester hours.

MUN 2480r. Guitar Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for guitar. May be repeated to a maximum of four (4) semester hours.

MUN 2510r. Piano Vocal/Instrumental Accompanying (0–1). May be repeated to a maximum of four (4) semester hours.

MUN 2710r. Jazz Ensemble (0–1). Prerequisite: By audition. The study and performance of jazz band literature. May be repeated to a maximum of four (4) semester hours.

MUN 2720r. Jazz-Pop Ensemble (0–1). Prerequisite: By audition. The study and performance of jazz and popular vocal music. Ensemble may include choreography, performance with larger ensembles, and off-campus concerts. May be repeated to a maximum of four (4) semester hours.

MUN 2800r. World Music Ensemble (0–1). Prerequisite: Permission of instructor. May be repeated to a maximum of four (4) semester hours.

MUN 4113r. Chamber Choirs (0–1). Prerequisite: By audition. Marching band experience open to all University students with prior marching band experience. May be repeated to a maximum of four (4) semester hours.

MUN 4123r. Concert Band (0–1). Concert experience in a variety of literature for all University students. May be repeated to a maximum of four (4) semester hours.

MUN 4133r. Symphonic Band (0–1). Prerequisite: By audition. Concert experience in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.

MUN 4143r. Wind Orchestra (0–1). Prerequisite: By audition. Professional-level performance in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.

MUN 4144r. Chamber Winds (0–1). Professional-level performance in a wide variety of wind-oriented chamber music. Open to graduate students and selected upper-level undergraduate students. May be repeated to a maximum of four (4) semester hours.

MUN 4213r. University Symphony (0–1). Prerequisite: By audition. The study and performance of works representative of a broad spectrum of orchestral literature. Participation by string majors required. May be repeated to a maximum of four (4) semester hours.

MUN 4223r. Chamber Orchestra (0–1). Prerequisite: By audition. The study and performance of works suitable for chamber orchestra. Open to selected undergraduate students. May be repeated to a maximum of four (4) semester hours.

MUN 4233r. Opera Orchestra (0–1). Prerequisite: By audition. The study and performance of works drawn from grand opera, operettas, and musicals. May be repeated to a maximum of four (4) semester hours.

MUN 4313r. University Singers (0–1). Prerequisite: By audition. The study and performance of works representative of a wide spectrum of choral literature. Open to all University students. May be repeated to a maximum of four (4) semester hours.

MUN 4343r. Women’s Glee Club (Collegians) (0–1). The study and performance of representative choral works for women’s voices. Open to all women enrolled in the University. May be repeated to a maximum of four (4) semester hours.

MUN 4333r. Men Glee Club (Collegians) (0–1). The study and performance of representative choral works for men’s voices. Open to all men enrolled in the University. May be repeated to a maximum of four (4) semester hours.

MUN 4343r. Chamber Choirs (0–1). Prerequisite: By audition. The study and performance of works drawn from grand opera, operettas, and musicals. Productions are presented in costume and makeup. May be repeated to a maximum of four (4) semester hours.

MUN 4353r. Opera Chorus (0–1). Prerequisite: By audition. The study and performance of works from the 16th and 17th centuries and of contemporary works suitable for a small group of singers. May be repeated to a maximum of four (4) semester hours.

MUN 4393r. University Chorale (0–1). The study and performance of works representative of a wide spectrum of choral literature for mixed voices. Open to all University students except voice performance majors. May be repeated to a maximum of four (4) semester hours.

MUN 4423r. Woodwind Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for woodwinds. May be repeated to a maximum of four (4) semester hours.

MUN 4433r. Brass Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for brasses. May be repeated to a maximum of four (4) semester hours.

MUN 4443r. Percussion Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for percussion. May be repeated to a maximum of four (4) semester hours.

MUN 4454r. Duo Piano (I). Prerequisite: Permission of instructor. The study and performance of duo piano and piano duet literature. May be repeated to a maximum of four (4) semester hours.

MUN 4463r. Chamber Music (0–1). Prerequisite: Permission of instructor. The study and performance of vocal and/or instrumental ensemble literature. May be repeated to a maximum of four (4) semester hours.

MUN 4474r. Collegium Musicum (0–1). Prerequisite: Permission of instructor. The study and performance of works representative of choral repertoire. May be repeated to a maximum of four (4) semester hours.

MUN 4483r. Guitar Ensemble (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for guitar. May be repeated to a maximum of four (4) semester hours.

MUN 4493r. Chamber Music (0–1). Prerequisite: Permission of instructor. The study and performance of ensemble literature for brasses. May be repeated to a maximum of four (4) semester hours.

MUN 4513r. Piano Vocal/Instrumental Accompanying (0–1). May be repeated to a maximum of four (4) semester hours.

MUN 4713r. Jazz Ensemble (0–1). Prerequisite: By audition. The study and performance of jazz band literature. May be repeated to a maximum of four (4) semester hours.

MUN 4723r. Jazz-Pop Ensemble (0–1). Prerequisite: By audition. The study and performance of jazz and popular vocal music. Ensemble may include choreography, performance with larger ensembles, and off-campus concerts. May be repeated to a maximum of four (4) semester hours.

MUN 4803r. World Music Ensemble (0–1). Prerequisite: Permission of instructor. May be repeated to a maximum of four (4) semester hours.

Opera/Music Theatre

MUO 3503r. Opera Workshop (2). Prerequisite: Consent of instructor. The study of all phases of operatic production, with emphasis on and participation in staged operatic excerpts. May be repeated to a maximum of four (4) semester hours.

MUO 4006r. Music Theatre Workshop (2). Prerequisites: Music theatre major and permission of instructor. Provides opportunities for upper-division music theatre students to synthesize and refine advanced music theatre performance skills, including advanced acting, auditioning, movement, and dance. May be repeated to a maximum of eight (8) semester hours.

MUO 4451r. Performance of Stage Role (1–2). Prerequisite: Audition. May be repeated to a maximum of eight (8) semester hours.

MUO 4502r. Opera Workshop (2). The study of all phases of operatic production, with emphasis on and participation in staged operatic excerpts. May be repeated to a maximum of four (4) semester hours.

Church Music

MUR 4201. Hymnology (2). Prerequisites: MUT 1112 or equivalent; MUT 1122 or equivalent. Historical and theological study of the Church’s song. May be repeated to a maximum of four (4) semester hours.

MUR 4350. Seminar in Music and Literature to the 18th Century (2). The organ and its music from the Middle Ages to the end of the 17th century. May be repeated to a maximum of five (5) semester hours.

MUR 4412. Organ History and Literature: 18th–20th Centuries (2). The organ and its music from the time of J.S. Bach to the present day.

Music

MUS 1010r. Student Recital (0). (S/U grade only.) Required of all undergraduate music majors. Unlimuted repetiability.

MUS 1710. First Year Experience in Music (0). (S/U grade only.) An introductory course for music majors introducing them to selected resources in the Warren D. Allen Music Library, the online search capabilities of WebLuis and FirstSearch, and the research activities of faculty from the School of Music.

MUS 1920r. Cawthon Hall Music Colloquium (0–1). (S/U grade only) This course is part of the Cawthon Hall Music Living-Learning Center Colloquium series, and is required of all Cawthon Hall-Music participants. May be repeated to a maximum of four (4) semester hours.

MUS 2350. Introduction to Technology in Music (1). Prerequisites: MUT 1112 or equivalent; MUT 1122 or equivalent. An introduction to computer technology in music, including hardware, software, computer-based instruction, multimedia and internet.

MUS 3230r. Survey of the Music Industry (3). Understanding the world of commercial music and techniques in personal marketability.

MUS 3340. Music Instrument Digital Interface (3). Develop techniques in electronic music composition and all aspects of MIDI.

MUS 3341r. Laboratory for Music Instrument Digital Interface (2). Laboratory application of MUS 3340. May be repeated to a maximum of six (6) semester hours.
MUS 3530.  Beginning C Computer Programming Techniques for Musicians (3). Introduction to microcomputer-based interactive graphics programming in the C language, including the design and implementation of music computer programs.

MUS 3531. Multimedia for Musicians (3). Prerequisite: MUS 3530 or 3533 or permission of instructor. Provides students with a basic knowledge of multimedia hardware and software systems, particularly as they relate to music. Students will develop multimedia projects. May be repeated to a maximum of three (3) semester hours.

MUS 3533r. Computers in Music Design Seminar (3). Prerequisite: MUS 3531. Discussions and experiences in music instructional design. May be repeated to a maximum of six (6) semester hours.

MUS 3540.  Electronics for Musicians (3). Prerequisite: MUS 3500. Basic concepts and practical experiences in digital and analog electronics for musicians.

MUS 3541. Digital Music Synthesis (3). Prerequisite: Permission of instructor. This course will provide students with basic theory and history of sound, knowledge of analog and digital sound recording and manipulation techniques, and an introduction to the art of electronic music.

MUS 3542. Digital Music Synthesis II (3). Prerequisite: MUS 3541. This course will provide students with basic knowledge of both digital and analog sound distortion and synthesis and resynthesis techniques and will allow them to explore the technology and art of digital music production.

MUS 3932r. Computer Music Project (1). Prerequisite: Permission of instructor; students must first complete all courses in the Certificate in Music Computer Program (or equivalent). The development of computer-based hardware and/or software projects in music technology. May be repeated to a maximum of three (3) semester hours.

MUS 3934r. Special Topics in Music (1–3). Prerequisite: Consent of instructor. May be repeated to a maximum of nine (9) semester hours.

MUT 2117.  Music Theory IV (3). (S/U grade only.) Introduction to rudimentary fundamentals of music theory, including the basic properties of notation, scales, intervals, triads, and rhythmic notation.

MUT 2247. Sight Singing and Ear Training IV (1). Prerequisite: MUT 2246. The development of skills in sight singing and ear training.

MUT 2641r. Jazz Improvisation I (1). Skills in beginning jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUT 2642r. Jazz Improvisation II (1). Knowledge and technical skills in jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUT 3280. Post-Tonal Aural Skills (2). This class focuses upon aural skills for training for the performance of music of the post-tonal era.

MUT 3353.  Music Theory/Arranging I (3). Prerequisites: MUT 2117 and 2247. A course designed to promote skills in arranging for the jazz ensemble.

MUT 3421–3428. 18th-Century Counterpoint (two [2] hours each). Prerequisites: MUT 2117, 2247, and 3421 (for MUT 3422). The study of contrapuntal techniques of the 18th century.

MUT 3541. Form and Style: Classic (3). Prerequisites: MUT 2117 and 2247. The study of the larger forms and procedures as expressed in the musical language of the Classic period.


MUT 3571. 20th-Century Styles (3). Prerequisites: MUT 2117 and 2247. Stylistic studies of 20th-century music.

MUT 3641r. Jazz Improvisation I (1). Prerequisite: Music reading is required. Skills in beginning jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUT 3642r. Jazz Improvisation II (1). Prerequisite: MUT 3641r or consent of instructor. Advanced skills in jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUT 431l. Orchestration (2). Prerequisites: MUT 3421–3422. The study of the characteristic usage of orchestral instruments and the principles of scoring.

MUT 4351. 16th-Century Counterpoint (3). Prerequisites: MUT 2117 and 2247. The study of contrapuntal techniques of the 16th century.

Music Theory

MUY 3601. Music Recreation Techniques (3). Prerequisite: Class guitar (MVS 1116) or consent of instructor.

MUY 4401.  Music Therapy: Methods and Practicum I (3). Prerequisites: Senior standing in music therapy, completion of MUS 4612; or consent of instructor.

MUY 4402.  Music Therapy: Methods and Practicum II (3). Prerequisite: MUY 4401. The applications of music therapy in all fields of health, corrections, and special education.

MUY 4904r. Clinical Internship in Music Therapy I (1–12). (S/U grade only.) Prerequisite: Completion of all course work in music therapy. Six-month resident internship in an affiliated, approved, clinical center. May be repeated once only and to a maximum of twenty (20) semester hours.

Applied Music

MVB (J, K, O, P, S, V) 1010r–1019r.  Applied Music (two [2] hours each). Private instruction. For students preparing for freshman level of applied music. With the exception of MVO 1010, 2010, 3030, and 4040, each course may be repeated to a maximum of four (4) semester hours. Credit earned in the MVB (J, K, O, P, S, V) 1011r–1019r series will not apply to the requirement of the major or principal instrument. (See specific requirements.) Credit may be modified to one (1) hour for all instruments.

MVB 1011r. App Mus Prep, Trumpet, MVB 1012r. App Mus Prep, French Horn

MVB 1013r. App Mus Prep, Trombone

MVB 1014r. App Mus Prep, Baritone Horn

MVB 1015r. App Mus Prep, Tuba

MVB 1016r. App Mus Prep, Piano

MVB 1017r. App Mus Prep, Voice, Jazz

MVB 1018r. App Mus Prep, Violin, Jazz

MVB 1019r. App Mus Prep, Guitar, Jazz

MVB 1014r. App Mus Prep, Bass, Jazz

MVB 1015r. App Mus Prep, Flute, Jazz

MVB 1016r. App Mus Prep, Saxophone, Jazz

MVB 1017r. App Mus Prep, Trumpet, Jazz

MVB 1018r. App Mus Prep, Trombone, Jazz

MVB 1051r. App Mus Prep, Percussion, Jazz

MVK 1011r. App Mus Prep, Piano

MVK 1013r. App Mus Prep, Organ

MVO 1010r. Modified Credit, All Instruments (1–2).

MVP 1011r. App Mus Prep, Percussion

MVS 1011r. App Mus Prep, Violin

MVS 1012r. App Mus Prep, Viola

MVS 1013r. App Mus Prep, Violoncello

MVS 1014r. App Mus Prep, Double Bass

MVS 1015r. App Mus Prep, Harp

MVS 1016r. App Mus Prep, Guitar

MVO 1011r. App Mus Prep, Voice

MVO 1011r. App Mus Prep, Flute

MWV 1012r. App Mus Prep, Oboe

MWV 1013r. App Mus Prep, Clarinet

MWV 1014r. App Mus Prep, Bassoon

MWV 1015r. App Mus Prep, Saxophone

Music Theory

MUT 1001. Fundamentals of Music Theory (3). An introductory course that covers the rudimentary fundamentals of music theory, including the basic properties of notation, scales, intervals, triads, and rhythmic notation.

MUT 1011. Music Theory for the Non-Music Major (3). A practical, analytical and performance-oriented approach in the fundamental materials of music theory. Meets liberal studies requirement in area IV. Not open to students who have successfully completed one (1) or more semesters of music theory.

MUT 1111. Music Theory I (3). The materials and structures of music.

MUT 1112. Music Theory II (3). Prerequisite: MUT 1111. The materials and structures of music.

MUT 1241. Sight Singing and Ear Training I (1). The development of skills in sight singing and ear training.

MUT 1242. Sight Singing and Ear Training II (1). Prerequisite: MUT 1241. The development of skills in sight singing and ear training.

MUT 2116.  Music Theory III (3). Prerequisite: MUT 1112. The materials and structures of music.

MUT 2117.  Music Theory IV (3). Prerequisite: MUT 2116. The materials and structures of music.

MUT 2246. Sight Singing and Ear Training III (1). Prerequisite: MUT 1242. The development of skills in sight singing and ear training.

MUT 2247. Sight Singing and Ear Training IV (1). Prerequisite: MUT 2246. The development of skills in sight singing and ear training.
Prerequisites: Audition, permission of coordinator of class.
Prerequisite: Consent of instructor; Corequisite: MVS
Prerequisite: Consent of coordinator of class. Class may be modified by electing MVO 1310r (1), all instruments. May be repeated to a maximum of six (6) semester hours. (See curricular regulations.) Credit may be modified by electing MVO 1210r (1), all instruments. All MVH courses may be taken for one to two (1–2) credit hours.
MVS 1315r. App Mus Prin, Saxophone
MVS 1316r. App Mus Prin, Harp
MVS 1317r. App Mus Prin, Guitar
MVS 1318r. App Mus Prin, Voice
MVS 1320r. App Mus Prin, —Music Theatre
MVS 1331r. App Mus Prin, Flute
MVS 1332r. App Mus Prin, Oboe
MVS 1333r. App Mus Prin, Clarinet
MVS 1334r. App Mus Prin, Bassoon
MVS 1335r. App Mus Prin, Saxophone
MV(B, K, O, P, S, V, W) 1410r–1416r. Applied Music Major [four (4) hours each: piano, harpsichord, organ, strings, harp, guitar; three (3) hours each: piano pedagogy, voice, woodwinds, brasses, percussion]. Private instruction. Major instrument. For performance majors. Each course may be repeated to a maximum of twelve (12) semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine (9) semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 1410r (2), all instruments.
MVB 1411r. App Mus Maj, Trumpet
MVB 1412r. App Mus Maj, French Horn
MVB 1413r. App Mus Maj, Trombone
MVB 1414r. App Mus Maj, Baritone Horn
MVB 1415r. App Mus Maj, Tuba
MVK 1411r. App Mus Maj, Piano
MVK 1412r. App Mus Maj, Harpsichord
MVK 1413r. App Mus Maj, Organ
MVK 1416r. App Mus Maj, Piano Pedagogy
MVP 1410r. Modified Credit, All Instruments
MVP 1411r. App Mus Maj, Percussion
MVS 1411r. App Mus Maj, Violin
MVS 1412r. App Mus Maj, Viola
MVS 1413r. App Mus Maj, Violoncello
MVS 1414r. App Mus Maj, Double Bass
MVS 1415r. App Mus Maj, Harp
MVS 1416r. App Mus Maj, Guitar
MVS 1417r. App Mus Maj, Bassoon
MVS 1418r. App Mus Maj, Clarinet
MVS 1419r. App Mus Maj, Saxophone
MVH 1411r. App Mus Maj, Tuba
MVH 1412r. App Mus Maj, Horn
MVH 1413r. App Mus Maj, French Horn
MVH 1414r. App Mus Maj, Baritone Horn
MVH 1415r. App Mus Maj, Tuba
MVH 1416r. App Mus Maj, French Horn
MVH 1417r. App Mus Maj, Bassoon
MVH 1418r. App Mus Maj, Clarinet
MVH 1419r. App Mus Maj, Saxophone
MVH 1420r. Applied Music Major (four [4] hours each: piano, harpsichord, organ, strings, harp, guitar; three [3] hours each: piano pedagogy, voice, woodwind, brasses, percussion). Private instruction. Major instrument. For performance majors. Each course may be repeated to a maximum of twelve (12) semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine (9) semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 1420r (2), all instruments.
MVB 1421r. App Mus Maj, Trumpet
MVB 1422r. App Mus Maj, French Horn
MVB 1423r. App Mus Maj, Trombone
MVB 1424r. App Mus Maj, Baritone Horn
MVB 1425r. App Mus Maj, Tuba
MVK 1421r. App Mus Maj, Piano
MVK 1422r. App Mus Maj, Harpsichord
MVK 1423r. App Mus Maj, Organ
MVK 1426r. App Mus Maj, Piano Pedagogy
MVP 1420r. Modified Credit, All Instruments
MVP 1421r. App Mus Maj, Percussion
MVS 1421r. App Mus Maj, Violin
MVS 1422r. App Mus Maj, Viola
MVS 1423r. App Mus Maj, Violoncello
MVS 1424r. App Mus Maj, Double Bass
MVS 1425r. App Mus Maj, Harp
MVS 1426r. App Mus Maj, Guitar
MVS 1427r. App Mus Maj, Bassoon
MVS 1428r. App Mus Maj, Clarinet
MVS 1429r. App Mus Maj, Saxophone
MVK 1612. Directed Observation in Piano Pedagogy: Preschool through Precollege (1). Provides students the opportunity to observe private and class piano and musicianship instruction on the preschool and precollege levels.
MVK 2121r. Class Piano (I). Prerequisite: MVK 1111r (2) or consent of coordinator of class piano. Major instrument. (See course description for MV(B, K, O, P, S, V, W) 1210r–1219r, Applied Music Secondary [two (2) hours each].) Private instruction. For students whose curriculum requires study of a secondary instrument. Each course may be repeated to a maximum of four (4) semester hours. (See curricular regulations.) Credit may be modified by electing MVK 1210r (1), all instruments. All MVH courses may be taken for one or two (1–2) credit hours.
MVK 1211r. App Mus Sec, Piano
MVK 1212r. App Mus Sec, Violin
MVK 1213r. App Mus Sec, Viola
MVK 1214r. App Mus Sec, Violoncello
MVK 1215r. App Mus Sec, Double Bass
MVK 1216r. App Mus Sec, Harp
MVK 1217r. App Mus Sec, Guitar
MVK 1218r. App Mus Sec, Voice
MVK 1219r. App Mus Sec, Voice—Music Theatre
MVW 1210r. App Mus Prin, French Horn
MVW 1211r. App Mus Prin, Soprano
MVW 1212r. App Mus Prin, Tenor
MVW 1213r. App Mus Prin, Baritone
MVW 1214r. App Mus Prin, Tuba
MVW 1215r. App Mus Prin, Piano, Jazz
MVW 1216r. App Mus Prin, Voice, Jazz
MVW 1217r. App Mus Prin, Violin, Jazz
MVW 1218r. App Mus Prin, Guitar, Jazz
MVW 1219r. App Mus Prin, Bass, Jazz
MVW 1220r. App Mus Prin, Flute, Jazz
MVW 1221r. App Mus Prin, Saxophone, Jazz
MVW 1222r. App Mus Prin, Trumpet, Jazz
MVW 1223r. App Mus Prin, Trombone, Jazz
MVW 1224r. App Mus Prin, Percussion, Jazz
MVW 1225r. App Mus Prin, Piano
MVW 1226r. App Mus Prin, Harpsichord
MVW 1227r. App Mus Prin, Organ
MVW 1228r. App Mus Prin, Percussion
MVW 1229r. App Mus Prin, Violin
MVW 1230r. App Mus Prin, Viola
MVW 1231r. App Mus Prin, Violoncello
MVW 1232r. App Mus Prin, Double Bass
MVW 1233r. App Mus Prin, Saxophone
MVW 1234r. App Mus Prin, Harp
MVW 1235r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1236r. App Mus Prin, Private instruction.
MVW 1237r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1238r. App Mus Prin, Private instruction.
MVW 1239r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1240r. App Mus Prin, Private instruction.
MVW 1241r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1242r. App Mus Prin, Private instruction.
MVW 1243r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1244r. App Mus Prin, Private instruction.
MVW 1245r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1246r. App Mus Prin, Private instruction.
MVW 1247r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1248r. App Mus Prin, Private instruction.
MVW 1249r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1250r. App Mus Prin, Private instruction.
MVW 1251r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1252r. App Mus Prin, Private instruction.
MVW 1253r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1254r. App Mus Prin, Private instruction.
MVW 1255r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1256r. App Mus Prin, Private instruction.
MVW 1257r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1258r. App Mus Prin, Private instruction.
MVW 1259r. App Mus Prin, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVW 1260r. App Mus Prin, Private instruction.
Music Literature

MUL 5375. Music Since World War II (3).
MUL 5425. Chamber Music Literature for Strings (3).
MUL 5435. Guitar Literature I (2).
MUL 5436. Guitar Literature II (2).
MUL 5446. Solo Music Literature Seminar-Winds: Brasses (3).
MUL 5456. Ensemble Literature for Wind and Percussion Instruments (3).
MUL 5495. Survey of Organ Literature (1).
MUL 5505, 5506. Symphonic Literature I, II (3, 3).
MUL 5609. Survey of Sacred Vocal Literature (1).
MUL 5620. Graduate Survey: German Vocal Solo Literature (1).
MUL 5621. Graduate Survey: French Vocal Solo Literature (1).
MUL 5624. Solo Music Literature Voice: German (2).
MUL 5625. Solo Music Literature Voice: French (2).
MUL 5626. Solo Music Literature Voice: Contemporary (2).
MUL 5645. Choral Literature (2).
MUL 5647. Survey of Sacred Choral Literature (1).
MUL 5656. Choral Masterworks: Romantic/Contemporary (3).
MUL 5677. Seminar in Opera Literature: Monteverdi to the Present (2).
MUL 5751. Pedagogy of Music Literature and Appreciation (2).
MUL 5852. The Music of W.A. Mozart (3).
MUL 5854. The Music of Igor Stravinsky (3).
MUL 5936r. Special Topics in Music Literature (1–3).

Commercial Music

MUM 5215. Applied Piano Tuning I (3).
MUM 5216. Applied Piano Tuning II (3).
MUM 5217. Applied Piano Tuning III (3).
MUM 5218. Applied Piano Tuning IV (3).
MUM 5225. Theory of Piano Technology I (2).
MUM 5226. Theory of Piano Technology II (2).
MUM 5256. Piano Technology I (3).
MUM 5257. Piano Technology II (3).
MUM 5258. Piano Technology III (3).
MUM 5259. Piano Technology IV (3).
MUM 5265. Organ Design and Maintenance (2).
MUM 5805. Introduction to Arts Administration (3).
MUM 5807. Survey of Orchestra Management (3).
MUM 5815. Fundraising Strategies in the Arts (3).
MUM 5816. Audience Development, Marketing and Public Relations in Musical Arts Organizations (3).
MUM 5948. Piano Technology Practicum (6).

Music Ensembles

MUN 5115r. Marching Chiefs (0–1).
MUN 5125r. Concert Band (0–1).
MUN 5135r. Symphonic Band (0–1).
MUN 5145r. Wind Orchestra (0–1).
MUN 5146r. Chamber Winds (0–1).
MUN 5215r. University Symphony (0–1).
MUN 5225r. Chamber Orchestra (0–1).
MUN 5235r. Opera Orchestra (0–1).
MUN 5315r. University Singers (0–1).
MUN 5316r. Choral Union (0–1).
MUN 5325r. Women’s Glee Club (0–1).
MUN 5335r. Men’s Glee Club (Collegians) (0–1).
MUN 5345r. Chamber Chorus (0–1).
MUN 5355r. Opera Chorus (0–1).
MUN 5395. University Chorale (0–1).
MUN 5425r. Woodwind Ensemble (0–1).
MUN 5435r. Brass Ensemble (0–1).
MUN 5445r. Percussion Ensemble (0–1).
MUN 5456r. Duo Piano (1).
MUN 5465r. Chamber Music (0–1).
MUN 5477r. Collegium Musicum (0–1).
MUN 5478. Baroque Ensemble (0–1).
MUN 5485. Guitar Ensemble (0–1).
MUN 5515r. Piano Vocal/Instrumental Accompanying (0–1).
MUN 5715r. Jazz Ensemble (0–1).
MUN 5725. Jazz—Pop Ensemble (0–1).
MUN 5896r. World Music Ensemble (0–1).

Opera/Music Theatre

MUS 5007r. Musical Theatre Workshop (2).
MUS 5445r. Opera Coaching (1–2).
MUS 5455r. Performance of Operatic Roles (1–2).
MUS 5505r. Opera (0–4).
MUS 5506r. Opera Production (1).
MUS 5701r. Opera Directing (2).
MUS 5801. Opera Project (3).
MUS 6446r. Opera Coaching (1–2).

Church Music

MUR 5206. Hymnology (2).
MUR 5415. The Organ and Its Music from the Middle Ages to the 17th Century (2).
MUR 5416. The Organ and Its Music from the Time of J. S. Bach to the Present Day (2).

Academic Programs

Music

MUL 5375. Music Since World War II (3).
MUL 5425. Chamber Music Literature for Strings (3).
MUL 5435. Guitar Literature I (2).
MUL 5436. Guitar Literature II (2).
MUL 5446. Solo Music Literature Seminar-Winds: Brasses (3).
MUL 5456. Ensemble Literature for Wind and Percussion Instruments (3).
MUL 5495. Survey of Organ Literature (1).
MUL 5505, 5506. Symphonic Literature I, II (3, 3).
MUL 5609. Survey of Sacred Vocal Literature (1).
MUL 5620. Graduate Survey: German Vocal Solo Literature (1).
MUL 5621. Graduate Survey: French Vocal Solo Literature (1).
MUL 5624. Solo Music Literature Voice: German (2).
MUL 5625. Solo Music Literature Voice: French (2).
MUL 5626. Solo Music Literature Voice: Contemporary (2).
MUL 5645. Choral Literature (2).
MUL 5647. Survey of Sacred Choral Literature (1).
MUL 5656. Choral Masterworks: Romantic/Contemporary (3).
MUL 5677. Seminar in Opera Literature: Monteverdi to the Present (2).
MUL 5751. Pedagogy of Music Literature and Appreciation (2).
MUL 5852. The Music of W.A. Mozart (3).
MUL 5854. The Music of Igor Stravinsky (3).
MUL 5936r. Special Topics in Music Literature (1–3).
NURSING

SCHOOL OF NURSING

Professors: Frank, Grubbs, Speake, Stewart; Associate Professors: Cottrell, Faria, Kariotl, Sullivan; Assistant Professors: Barth, Cormier, Porterfield, Smith, Whyte, Williamson, Zeni; Associates in Nursing: King, Tucker; Assistants in Nursing: Abendroth, Barbour, Cuchens, DeYoung, Elliott, Richbourg, Shepard, Strouts, Wall, Warren

The School of Nursing offers a bachelor of science in nursing (BSN) for generic and registered nurse students. The undergraduate program is approved by the Florida Board of Nursing and accredited by the Commission on Collegiate Nursing Education (CCNE). At the completion of the program the student will have met all requirements for the BSN. The generic graduate of the nursing program will have met the academic eligibility requirements for taking the state licensing examination. The mission of the School of Nursing is to develop professional leaders in nursing for practice in diverse settings. The program is an upper-division limited access major with required sequential course offerings and elective courses in nursing. The nursing courses are based on concepts and principles from liberal studies, the supporting biological and behavioral sciences, and nursing. This theoretical base is used with the nursing process in the systematic development of care plans for providing nursing care to individuals and groups in a variety of health care settings.

The School of Nursing offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” section of this General Bulletin.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to the program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

For complete details of programs offered and admission requirements, plus a description of the school, its facilities, opportunities, and available financial assistance, refer to the “School of Nursing” chapter in the General Bulletin.

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

NEUROSCIENCE:
see Graduate Bulletin
2. BSC X086C or any human anatomy and physiology II or human physiology;
3. Four to six (4–6) semester hours of chemistry (CHM prefix), which must be comprehensive college general chemistry (such as CHM 1032) but not lower level principles courses (such as CHM 1025). Contact the department for exceptions;
4. DEP X004 or any human growth and development across life ERASED.
5. HUN X201 (or any human nutrition) or NUR X192;
6. MCB X010C or any microbiology with an ERASED.
7. PSY X012 or any general psychology;
8. STA X014 or any statistics course;
9. SYG X000 or any introduction to sociology.

Definition of Prefixes

NUR —Nursing: Graduate
NUR —Nursing: Generic Undergraduate

Undergraduate Courses

Theory/Laboratory Courses Required

NUR 3026. Nursing Competencies for Professional Practice (3). Prerequisites: Admission to nursing. Corequisites: NUR 3026L. This course provides the basis for professional nursing practice. Included are concepts of basic human physical needs, technical, computer, and therapeutic communication skills, documentation (based on medical terminology), group process, nursing process, and APA.

NUR 3026L. Nursing Competencies for Professional Practice Lab (2). Prerequisites: Admission to nursing. Corequisites: NUR 3026. This course supports concepts presented in NUR 3026. Nursing Competencies for Professional Practice. The application of competencies and skills occurs in laboratory and various clinical settings.

NUR 3066. Nutrition of the Weil Family: A Lifespan Approach (2). Prerequisite: Admission to nursing. Corequisites: NUR 3066L. This course introduces the beginners nursing student to the parameters, procedures and skills required to perform and document a holistic assessment of clients in all age groups. Included are communication and interview techniques to promote a health history, technical skills in performing a physical exam, and critical thinking skills in doing a health risk appraisal and formulating nursing diagnoses appropriate to identified problems. Clients’ cultural differences, developmental stage, family structure, economic situation and health behaviors are considered when evaluating health status.

NUR 3066L. Nursing Assessment of the Well Family: A Lifespan Approach Lab (1). Prerequisites: Admission to nursing. Corequisites: NUR 3066. The focus of this course is on the application of knowledge and skills utilized in assessing a client’s health status. The laboratory and various clinical sites are utilized in assessing diverse client populations across the life span. Critical thinking, along with integrative and technical skills, are used in gathering data for a health history, performing a physical exam, identifying health risks and problems, and documenting findings. Emphasis is placed on the role of the nurse in developing a nursing diagnosis. A holistic approach is utilized in assessing the health of primarily healthy clients and in developing a health database.

NUR 3146. Pharmacology for Professional Nursing (2). Prerequisite: Admission to nursing program. Using the science of pharmacology and pharmacological principles underlying therapeutic regimens, this course focuses on the interaction between pharmacological theory, major classifications and common characteristics of drugs.

NUR 3167. The Research Process for Professional Practice (2). Generic BSN Program Prerequisite: Term I courses. RN to BSN Program Prerequisite: Admission to the nursing major. RN to BSN Program Corequisite: NUR 3167L. This introductory course will assist students in conceptualizing both the basic research process and the importance of research to nursing, and will enable students to understand and publish healthcare research.

NUR 3226. Nursing the Adult Family I (3). Prerequisites: Term I courses. Corequisite: NUR 3226L. This is the first of three courses focusing on the adult. Emphasis is on general body responses and alterations in disease, pathophysiology, and holistic nursing management of the continuum of care for patients and their families in acute care settings. Critical thinking and problem solving skills are utilized to plan interventions and evaluate outcomes appropriate to health care needs for adults and their families based on the state of the disease and their special needs. Concepts and alterations in physiologic stress and adaption, fluid and electrolyte balance, acid/base balance, immune/inflammation response, and cellular proliferation serve as a foundation for all levels of care. Principles of rehabilitation are presented for application in all clinical courses. Diabetes, complications of surgery, and alterations in digestive and orthopedic systems are presented.

NUR 3226L. Nursing the Adult Family I Laboratory (2). Prerequisites: Term I courses. Corequisite: NUR 3226. Focus of this laboratory course is the application of technological competencies, concepts and principles, and the nursing process while providing interventions to adults and their families in the acute care and appropriate community care settings. Tutorials in the use of the computer and the electronic health record (EHR) are included. Concepts of acuity management, legal/ethical risk management, quality outcomes, and the management of new technology, quality outcomes, diversity and complexity of population at risk, and conservation of resources are emphasized.

NUR 3286. Nursing the Aging Family (2). Prerequisite: Admission to nursing major. Utilizing a holistic perspective, this course explores the older adult family, the aging process, client responses, adaptive behaviors and nursing needs. The focus is on promoting client independence and maximizing quality of life among the age continuum through end-of-life care. Nursing and aging theories are utilized in the application of the nursing process.

NUR 3355. Mental Health Nursing (3). Prerequisites: Term I courses. Corequisite: NUR 3355L. This course focuses on individuals and small groups experiencing acute and chronic behavioral and emotional disorders. This course is designed to be used with traditional and non-traditional courses in the care of these clients and families in various healthcare settings. Content includes the effects of mind/body disturbances on biopsychosocial functioning, mental status, relationships, and families. Nursing care of individuals and families with maladaptive behavioral, cognitive, affective and physical assessments as well as somatic, behavioral, and environmental interventions also are explored.

NUR 3949r. Cooperative Education Work Experience (0). ERASED.

NUR 4080L. Advanced Health Assessment (3). Pre- or co-requisites: NUR 3167, 3226. Focus is on development to develop knowledge and skills for advanced health assessment, including health history and physical examination.

NUR 4080. Nursing Concepts I (4). Prerequisite: NUR 4069C. Corequisite: NUR 4080L. This course is designed for the returning registered nurse student. It emphasizes concepts and principles of professional behavior, communication, critical thinking, cultural diversity, domestic violence, addiction, grief and loss, and psychosocial needs. The planning for utilization of these concepts when caring for individuals, families, and communities also is highlighted.

NUR 4080L. Nursing Practice I (4). (SU grade only) Prerequisite: NUR 4069C. Corequisite: NUR 4080L. This is the first of three courses focusing on the adult. Emphasis is on alterations in disease, both acute and chronic, pathophysiology, and nursing management of the continuum of care for patients and their families in acute care and appropriate community care settings. Critical thinking and problem solving skills are utilized to plan interventions and evaluate outcomes appropriate to health care needs for adults and their families based on the stage of the disease course and their special needs. Alterations in cardiac, vascular, respiratory, endocrine (other than diabetes) systems are presented.

NUR 4227. Nursing the Adult Family II (3). Prerequisites: Term I and II courses. Corequisite: NUR 4255L. This is the second of three courses focusing on the adult. Emphasis is on alterations in disease, both acute and chronic, pathophysiology, and nursing management of the continuum of care for patients and their families in acute care and appropriate community care settings. Critical thinking and problem solving skills are utilized to plan interventions and elevate outcomes appropriate to health care needs for adults and their families based on the stage of the disease course and their special needs. Alterations in cardiac, vascular, respiratory, endocrine (other than diabetes) systems are presented.

NUR 4227L. Nursing the Adult Family II Laboratory (2). Prerequisites: Term I and II courses. Corequisite: NUR 4255. The focus of this laboratory course is the application of technological competencies, concepts and principles, and the nursing process while providing interventions to adults and their families in the acute care and appropriate settings. Effectiveness of the interventions and expected outcomes are evaluated.

NUR 4465. Nursing Care of the Childbearing/Childrearing Family (3). Prerequisites: Term I and II courses. Corequisite: NUR 4465L. This course is designed for the returning registered nurse student. Current and emerging concepts of nursing are addressed within the context of nursing history, nursing professionalism, global trends in health care, pathophysiology, and application of legal/ethical risk management, quality outcomes, diversity and complexity of population at risk, and conservation of resources are emphasized.

NUR 4465L. Nursing Care of the Childbearing/Childrearing Family Laboratory (2). Prerequisite: NUR 4465. Corequisite: NUR 4465L. Designed to develop students knowledge of skills for advanced health assessment, including health history and physical examination.

NUR 4619. Community Nursing: A Synthesis of Care (1). Prerequisites: Term I, II and III courses. Corequisite: NUR 4619L. This course is designed to assist the nursing student to the parameters, procedures and skills required to perform and document a holistic assessment of clients in all age groups. Included are communication and interview techniques to promote a health history, critical thinking skills in performing a physical exam, and critical thinking skills in doing a health risk appraisal and formulating nursing diagnoses appropriate to identified problems. Clients’ cultural differences, developmental stage, family structure, economic situation and health behaviors are considered when evaluating health status.

NUR 4619L. Community Nursing: A Synthesis of Care Laboratory (1). Prerequisites: Term I, II and III courses. Corequisite: NUR 4619. Home visits to multi-generational families utilizing concepts of care management, case presentation and community assessment are employed in this laboratory course.

NUR 4835. Values, Roles and Issues in Professional Nursing (2). Prerequisite: Admission to the nursing program. This course focuses on roles, ethics, values, and the image of the nursing profession; introduction to nursing research, nursing theory, nursing model of practice, teaching/learning, and the health care system; diversity, caring and synchrony across the life span and emphasis on nursing values such as altruism, autonomy, dignity, integrity, and social justice.

NUR 5490r. Cooperative Education Work Experience (0). ERASED.
aspect of nursing practice established by the American Association of Colleges of Nurses, “population based health care” is addressed. Topics include the philosophy and concepts of public health and the role of the public health nurse as a leader, change agent, case finder, and case manager in settings such as, industry, correctional institutions, group homes, sheltered workshops and clinical settings. The emphasis is on the health care profession’s response to the social, environmental, safety, effects of poverty, epidemiology, communicable disease, resources (Centers for Disease Control and research), impact of violence in community settings, disaster (both natural and man-made) and global and environmental health also are examined.

NUR 4637L. Directed Independent Study (1–3). Corequisite: NUR 4635L. This course focuses on research in the community assessment performed in NUR 4619. Implementation of an appropriate project is performed. Clinical experiences are conducted with the guidance of a preceptor and may occur in a variety of settings.

NUR 4676. Substance Abuse and the Effects on Health, Family, and Profession (3). Broad-based approach to substance abuse and the effects on health, family, and the profession; identifying groups at risk, prevention activities, and help approaches.

NUR 4682. Contemporary Clinical Ethics in Health Care (3). Provides students with the opportunity to explore the ethical dimensions of health care practices and to develop ethical skills in ethical decision making. Students will practice the clinical application of ethical theory in relation to current health care issues and concerns.

NUR 4905r. Directed Individual Study (1–4). May be repeated to a maximum of six (6) credit hours per semester. May be repeated to a maximum of nine (9) semester hours.

NUR 4935. Legislative Influences on Health Care and Nursing Practice (3). Current health care issues and their impact on nurses and providers are analyzed.

NUR 4975r. Honors Thesis (1–6). Honors thesis may be repeated to a maximum of nine (9) semester hours.

Graduate Courses

NGR 5002C. Health Assessment for the Advanced Practice Nurse (4).
NGR 5015C. Advanced Wound Management (2).
NGR 5025C. Clinical Nutrition Specialist Care Management I (5).
NGR 5095. Holistic Nursing (3).
NGR 5099C. Advanced Skills for the Advanced Practice Nurse (2).
NGR 5102. Theories for Advanced Practice (3).
NGR 5122. Role Development Theories (2).
NGR 5130. Contemporary Clinical Ethics in Health Care (3).
NGR 5135. Health Policy, Legal and Ethical Considerations for Advanced Practice (2).
NGR 5172. Pharmacology for Advanced Practice (3).
NGR 5200L. Advanced Adult Health for Nurse Educator Laboratory (1–3).
NGR 5250L. Issues in Geriatrics Seminar (1).
NGR 5305L. Issues in Pediatrics Seminar (1).
NGR 5481. Women’s Health Seminar (1).
NGR 5503. Advanced Practice Psychiatric Nursing Seminar (1).
NGR 5570C. Community Mental Health Nursing I (3).
NGR 5571L. Community Mental Health Nursing II (3).
NGR 5601C. Advanced Management of the Family I (6).
NGR 5602C. Advanced Management of the Family II (7).
NGR 5620C. Conceptual Bases in Community Nursing (4).
NGR 5625C. Community Health Nursing: Advanced Practice (4).
NGR 5637C. Clinical Nurse Specialist Care Management II (6).
NGR 5700. Advances and Trends in Adult Health Nursing (1).
NGR 5710. Theories of Teaching of Nursing (3).
NGR 5710L. Theories of Teaching of Nursing Laboratory (1).
NGR 5712. Teaching Methods in Nursing Education (2).
NGR 5712L. Teaching Methods in Nursing Education Laboratory (3).
NGR 5713C. Curriculum Theory and Design for Nursing Education (3).
NGR 5714C. Teaching Methods for the Nurse Educator (4).
NGR 5715. Capstone: Application of Technology for the Nurse Educator (3).
NGR 5717. Measurement for Nursing Education (3).
NGR 5718C. Evaluation Methods in Nursing Education (4).
NGR 5720C. Administrative Methods in Nursing (3).
NGR 5721. Nursing Administration Theory (3).
NGR 5726. Fiscal Responsibility and Outcomes Management (3).
NGR 5740. Role Development for Advanced Practice (2).
NGR 5747. Dynamics of Nursing Systems and Health Care (3).
NGR 5754. Fundamentals of Teaching for Master’s Students (1).
NGR 5755. Validation of Advanced Nursing Practice: Outcomes Validation (3).
NGR 5758L. Nurse Practitioner Practicum (2–5).
NGR 5800. Research in Nursing (3).
NGR 5905r. Directed Independent Study (1–3).
NGR 5910C. Supervised Research (1–3).
NGR 5911r. Research Project (3–6). (S/U Grade only).
Department of NUTRITION, FOOD AND EXERCISE SCIENCES

COLLEGE OF HUMAN SCIENCES

Chair: Emily M. Haymes; Professors: Haymes, Hsieh, Ilich-Ernst, Moffatt, Sathe; Associate Professors: Abood, Anderson, Cook, Dorsey, Levenson, Rankins; Assistant Professors: Figueroa, Panton; Assistant in Nutrition: Hemphill; Assistants in Athletic Training/Sports Medicine: Garber, Sehgal; Adjunct Professors: Dupont, Stowers; Coordinator of Food Service Administration: Trueblood; Professors Emeriti: Erdman, Harris, Kassouny, Toole; Affiliate Faculty: Gibson, Kelly, Latimer, Lunt, Oravetz, Pfeil, Soumah, Watson; Courtesy Faculty: Kehayas

The Department of Nutrition, Food and Exercise Sciences offers two Bachelor of Science degrees: Food and Nutrition and Human Sciences. There are two majors under the Food and Nutrition degree: 1) Dietetics; 2) Food and Nutrition Science; and two majors under the Human Science degree: 1) Exercise Science; 2) Athletic Training/Sports Medicine.

The purpose of the dietetics major is to provide the foundation knowledge and skills required for the didactic component of entry-level dietetics education. This Didactic Program in Dietetics (DPD) is accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association (ADA), 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, (312) 899-0040 (ext. 5400). Completion of the DPD program, which entails satisfying the graduation requirements for the dietetics major plus the food service management laboratory (FSS 4315L, Institutional Organization and Administrative Laboratory) as an elective, meets the academic requirements for membership in the ADA.

Graduates of the DPD program are eligible to apply to graduate school and/or post-baccalaureate, accredited dietetic internships. The dietetic internship, which provides the competencies for the supervised practice component of dietetics education, is in turn required for eligibility to take the national Registration Examination for Dietitians. Careers are available for dietitians in clinical, research, community, food service, management, and educational settings and consulting.

The food and nutrition science major has a strong science base that prepares students for job opportunities in the food industry, government agencies, and careers in the medical field as well as graduate study in the field. The exercise science major prepares students for graduate study in exercise physiology, physical therapy, and other health fields, including medical school, as well as positions as personal trainers and health fitness instructors with both hospital-based wellness programs and corporate fitness programs.

The athletic training/sports medicine major is accredited by the Commission on Accreditation for Allied Health Education Programs (CAAHEP) and prepares students to take the Board of Certification examination. Athletic training/sports medicine is offered to students interested in working with injury prevention, recognition and immediate care, rehabilitation, health care management and professional development in a sports medicine environment. Athletic training/sports medicine students have an opportunity to gain clinical experience in a variety of sports settings, both on and off campus. Access to clinical opportunities are limited. These opportunities require the following:

1. A minimum FSU GPA of 2.5 or better over a minimum of twelve (12) semester hours of course work;
2. Successful completion of PET 1638 and admittance into PET 1941; and,
3. Student must meet all technical standards for admission.

See an academic adviser for details. To qualify to take the BOC certification examination, students must complete all didactic, clinical, and field experiences.

For each undergraduate major, students may have the opportunity to apply knowledge and skills through supervised practica. In the practicum courses, students may be assigned to work with specific medical, food service or community agencies or an adult fitness class.

Requirements for Majors

As a prerequisite for entry into each undergraduate major, students must achieve a grade of “B–” or higher in HUN 1201 and a grade of “C–” or better in any coursework required for the individual major. Individuals who enter one of the majors but who have not met the requirement of a “B–” or better in HUN 1201 will be classified as Prerequisite Incomplete (PI) until that requirement is satisfied.

In order to graduate with a degree in food and nutrition or human sciences students must have a minimum GPA of 2.5 and a grade of “C–” or better in all required courses. Students who have not met the academic requirement of “C–” or better in required courses cannot be admitted into the major, including PI until that requirement is satisfied.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for the athletic training and dietetics majors:

**Athletic Training**

1. BSC X010/X010L, or BSC X010C;
2. CHM X045/X045L, or CHM X045C;
3. PHYX053/X053L, or PHY X053C;
4. PSY X012;
5. HUN X201*;
6. STA X023 or STA X122;
7. BSC X093*;
8. BSC X094*.

*Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Dietetics**

1. BSC X010;
2. BSC X085/X086 or BSC X085C/X086C or BSC X093C/X094C, or PET 3201C or HSC 3549 or PCB 3702;
3. CGS X060 or CGS X061;
4. CHM X200C, or CHM X210/X210L and CHM X211/X211L;
5. CHM X045/X045L and CHM X046/X046L or CHM X030C or CHM X025C (Note: CHM X030C and CHM X025C, each by itself, can substitute for CHM X045/X045L and CHM X046/X046L);
6. ECO X013 or ECO X023 or ECO X000;
7. HUN X201 or NUR X192;
8. MAC X105 or MAC X142;
9. MCB X004/X004L or MCB X020C or MCB X20D/X20L or MCB X013C;
10. PSY X012 or PSY X020 or PSYX113.

A grade of “C–” or better is required in all courses to be counted toward the degree.

**Exercise Science**

*Note: For information concerning Statewide Course Prerequisites for the program in Exercise Science, please consult the department of Nutrition, Food and Exercise Sciences located in 436 Sandels Building.*

**Gur 5930r.** Special Topics in Nursing (1–3).
**Gur 5932.** Tutorial for Advanced Practice Nursing (1–3).
**Gur 5933.** Management/Care of Client with HIV (2).
**Gur 5941Lr.** Supervised Teaching (1–5).
**Gur 5945L.** CNS/Case Care Manager Practicum (2–5).
**Gur 5946L.** Clinical Nurse Specialist Case Management Practicum (7).
**Gur 5960.** Comprehensive Examination (0).

**Gur 5971r.** Thesis (1–4).
**Gur 6947L.** Teaching of Nursing Practicum (5).
**Gur 8976.** Master’s Thesis Defense (0).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Core Program for All Majors

1. Liberal Studies. Required courses which may be taken in fulfillment of liberal studies include: English, basic nutrition, general chemistry, organic chemistry, general psychology, family relationships, mathematics, and statistics.

2. Graduation Requirements. (see the “Undergraduate Degree Requirements” chapter of this General Bulletin). For multicultural: HUN 2125 is recommended if the requirement is not satisfied with liberal studies. For computer skills: all majors require a similar course or certification (select BSC 2010L, if taken at FSU). For oral communication: HEE 4054 is certified.

3. College of Human Sciences Core. The college core is to be met by taking the following courses: HEO 3050, FAD 2230 and HEE 4054 or FAD 4601.

4. Core Courses. CGS 2060 (or equivalent such as BSC 2010L if taken at FSU); CHM 1045/1045L and 1046/1046L or CHM 1032 (see specific major requirements); CHM 2200C or 2210; HUN 1201, 3224; MAC 1105 or better; BSC 2085/2086 or PET 3322C; and STA 2122 or 2023.

Bachelor of Science

The Department of Nutrition, Food and Exercise Sciences offers two bachelor of science degrees—Food and Nutrition and Human Sciences. To complete requirements for these degrees the following are required: 1) liberal studies requirements; 2) general graduation requirements for the University; 3) the preceding college core requirements; and 4) specific requirements for the major chosen. Additional courses may be required to complete the one hundred twenty (120) semester hours required for the degrees. A minimum grade of “C” or better must be earned for all required courses, except for HUN 1201, which requires a grade of “B–” or higher. A course may not be taken more than twice (for a total of three times).

The following are the specific requirements for each major within the degree of food and nutrition (dietetics, and food and nutrition sciences) and human sciences (exercise science and athletic training/sports medicine). Students must meet the curriculum requirements in effect at the time they enter the major.

Dietetics. Lower division: see liberal studies requirements, college and department core and common prerequisites. Upper division: BCH 3023C; DIE 3005, 4244, 4244L, 4315; FAD 4601; FOS 3026, 3026L, 4114C; FSS 4135, 4315; HUN 3224, 3226; and electives (to meet graduation requirements). Students fulfilling DPD requirements must take FSS 4315L. Dietetics majors may take specified electives for an emphasis in sports nutrition or gerontology.

Food and Nutrition Science. Lower division: see liberal studies, college core plus: BSC 2010, 2010L; ECO 2013 or equivalent; CHM 1045, 1045L, 1046, 1046L, 2210, 2211L, 2211L; HUN 1201; MAC 1114, 1140, 2311; MCB 2004, 2004L; PHY 2053C; PSY 2012; STA 2122 or 2023. Upper division: BCH 3023C; CHM 3120C; FOS 3026, 3026L, 4114C; HEE 4054; HUN 3224, 3226; PET 3322C or PCB 3063 or 3134; and electives (to meet graduation requirements; at least ten [10] semester hours must be at the 3000-4000 level).

Exercise Science. Lower division: see liberal studies and college core plus: BSC2010, 2010L, 2011, 2011L; CHM 1045, 1045L, 1046, 1046L, 2200C or 2210; HUN 1201; MAC 1114, 1140; PHY 2053C, 2054C; PSY 2012; STA 2122. Upper division: BCH 3023C; HEE 4054, or FAD 4601; HUN 3224, 3226; PET 3102, 3222C, 3232C, 3380C, 4551; and electives (to meet graduation requirements; at least ten [10] semester hours must be at the 3000-4000 level). Exercise science majors who plan on pursuing advanced degrees in physical therapy or medicine may need to take specified electives to meet admission requirements for these programs.

Athletic Training/Sports Medicine. Lower division: see liberal studies and college core plus: CHM 1045 and 1046, 2200C; HEE 4054; HSC 2400; HUN 1201; MAC 1105; Pet 1638, 1941, 2942; PSY 2012; STA 2122. Upper division: HSC 4711; HUN 3224; PET 3310, 3322C, 3323C, 3361, 3380C, 3621, 3627C, 3633C, 3634C, 3660, 3992, 4393, 4551, 4623, 4625, 4632C, 4944, 4946, 4947. Athletic training/sports medicine students must complete all didactic, clinical, and field experiences. All junior college/transfer students must complete the same didactic, clinical, and field experiences as resident students. Completion of clinical courses requires a minimum of four (4) semesters. Due to Commission on Accreditation of Allied Health Education Programs (CAAAHEP) accreditation standards, all athletic training/sports medicine courses required for the major must be taken at The Florida State University.

Honors in the Major

The Department of Nutrition, Food and Exercise Sciences offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. Students completing this program must complete six (6) semester hours, and present an honors seminar. For requirements and other information, see “University Honors Office and Honor Societies” chapter of this General Bulletin.

Master’s and Doctoral Degrees

The Department of Nutrition, Food and Exercise Sciences offers work leading to the master of science (MS) in nutrition and food science, the master of science (MS) in movement science, the doctor of philosophy (PhD) in human sciences, and the doctor of philosophy (PhD) in movement science. Consult the Graduate Bulletin for details.

Definition of Prefixes

DIE—Dietetics
FOS—Food Science
FSS—Food Service System
HSC—Health Sciences
HUN—Human Nutrition
PET—Physical Education Theory

Undergraduate Courses

Note: These courses are open to all majors. Please note prerequisites.

DIE 3005. Introduction to Dietetics (1). (S/U grade only.) An introduction to dietetics, the professional opportunities for Registered Dietitians, and the role of the American Dietetic Association in dietetics education and practice.

FOS 1003. Introduction to Food Science and Technology (3). Introduces basic food science vocabulary, processing techniques, principles and quality control parameters, as well as professional standards. An elective course for non-majors.

FOS 3355. Food and the Consumer (3). Prerequisites: CHM 1045; HUN 1201 (“B–” or better). Food composition, nutritional quality, and safety. Influence of food processing on food quality and safety. Consumer aspects of food including food selection, food management, and nutrition education.

HSC 2400. First Aid (2). Successful completion allows students to earn American Red Cross certification as a professional rescuer. This includes adult CPR, child CPR, and first aid. In addition, OSHA recommendations, blood borne pathogen precautions and injuries will be discussed.

HUN 1201. The Science of Nutrition (3). Elements of nutrition and factors influencing the ability of individuals to maintain good nutrition status.

HUN 2125. Food and Society (3). Impact of society on human food ways, role of food and nutrition in national development and global politics. For nonmajors.


PET 1638. Introduction to Athletic Training/Sports Medicine (1). (S/U grade only.) Prerequisite: 2.5 overall GPA. This course provides an introduction to clinical athletic training/ sports medicine. Students are introduced and evaluated on basic skills and theories related to clinical and field practices. Course content is based on competencies and proficiency sets forth by the Commission on Accreditation of Allied Health Education Programs (CAAAHEP) and the National Athletic Trainers Association (NATA).

PET 1941. Athletic Training/Sports Medicine Clinical I (1). (S/U grade only.) Prerequisites: PET 1638; formal admission into the major. This course is an introduction and evaluation of athletic training/sports medicine skills related to the following: components of a pre-participation physical; wound care; crust fitting; components of a medical history; nutritional food pyramid; fluid replacement protocols; athletic taping and wrapping; and appropriate therapeutic modality use in the sports medicine setting. Formal admission to the athletic training/sports medicine education program is required. Students must meet all program and technical standards required by the Commission on Accreditation of Allied Health Education Programs (CAAAHEP) and the National Athletic Trainers Association (NATA).

PET 2084. Personal Fitness and Wellness (3). Integrates aspects of nutrition, diet, fitness and health/wellness for personal well being. This course cannot be used as a department elective.

PET 2942. Athletic Training/Sports Medicine Clinical II (1). (S/U grade only.) Prerequisite: PET 1941. This course introduces and evaluates athletic training/sports medicine skills related to the following: girth limb measurements; body composition assessment; environmental measurements; protective pad and equipment fitting; emergency triage protocols; professional rescuer skill review; crotetherapy; thermotherapy; acoustic therapy; electrotherapy; manual therapy; athletic muscle design; and basic health care administration.

PET 3102. Introduction to Exercise Sciences (1). (S/U grade only.) An introduction to fields of study and careers in areas of exercise physiology, motor behavior, athletic training, health and fitness, physical therapy. Students will examine preparation for careers, including the role of various accrediting organizations. Current professional issues will be discussed. This course is open to non-majors.

PET 3310. Kinesiology (3). Prerequisite: PET 3322C. This course introduces basic physical conceptions as they apply to human movement. Emphasis is placed upon structural anatomy,
neuromuscular physiology, and biomedical principles as they apply to sport skills, injury assessments, fitness activities and rehabilitative exercises.

PET 3322C. Functional Anatomy and Physiology II (3). Prerequisite: PET 3322C. Continuation of a two semester sequence of functional anatomy and physiology which includes the integumentary, nervous, lymphatic, immune and reproductive systems.

Advanced Undergraduate Courses

DIE 4225C. Diet Assessment (2). Prerequisite: Senior status. This elective for dietetics majors focuses on diet assessment in the computer lab using commercially available software. Emphasizes include the strengths and weaknesses of diet surveys, methods of recording diet intake, food composition data and the standards used to judge adequacy.

PET 4644R. athletic training. Treatment and rehabilitation of athletic injuries will be introduced.

PET 3633C. Corequisite: PET 3633. Athletic training/sports medicine students examine various exercise and rehabilitation topics including the following: concepts of healing; evaluation and treatment techniques; range of motion and flexibility; goniometric measurement; manual therapy concepts; muscle strengthening and plyometrics; precompetition and amputation aids; core stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

PET 3634C. Orthopedic Assessment - Lower Extremity (3). Prerequisite: PET 2942, 4623, 4623C. Athletic training/sports medicine students examine the following topics included in this course: clinical orthopedic anatomy; evaluation; and assessment and special test protocols for the shoulder, elbow, forearm, wrist, hand, finger, knee, ankle, foot, bone, muscle, tendon, ligament, joint, and nerve. May be repeated up to six (6) semester hours.

PET 3634R. Orthopedic Assessment - Upper Extremity (3). Prerequisite: PET 2942, 4623, 4623C. Corequisite: PET 3627C. Athletic training/sports medicine students examine the following topics included in this course: clinical orthopedic anatomy; evaluation; and assessment and special test protocols for the foot, toes, ankle, knee, pelvis, thigh, sacroiliac and lumbar spine, and gait analysis.

PET 3660R. Administration of Athletic Training Programs (3). Prerequisite: PET 3621. This course will explore the aspects of athletic training organization and administration. Topics include program management, human resource management, athletic insurance, risk management, ethical consideration, pre-participation in physical exams and preparation for facility design.

PET 3932R. Special Topics in Wellness and Exercise Science (3–6). Topics in wellness, health promotion, exercise physiology, biomechanics and motor behavior. Consultant instructor. May be repeated as content changes to a maximum of six (6) semester hours.

PET 3940R. Sports Medicine Practicum (0–6). This course is designed for athletic training/ sports medicine students to investigate and research athletic training/sports medicine special topics through individual study and seminars. Enrollment is allowed by permission of the athletic training/sports medicine course instructor. May be repeated to a maximum of six (6) semester hours.

PET 4914R. Tutorial in Exercise Physiology (1). Prerequisite: PET 3627C. This course is an introduction and evaluation of athletic training/sports medicine skills related to the following: proprioceptive neuromuscular facilitation; body measurement and composition; range of motion evaluation; equipment fitting; general medical conditions; eating disorders; components of Subjective, Objective, Assessment, and Plan (SOAP) protocols; Emergency Action Plan (EAP) protocols; risk management; joint mobilizations; and therapeutic rehabilitation exercises in sports medicine.

PET 4950R. Motor Control and Learning (4). Prerequisite: PET 3322C. Examines theories, principles, and clinical applications of motor control and learning. Attention is given to the physiological and psychological foundations of motor control and learning. The motor control and learning laboratory portion of this course constitutes one (1) credit of the four (4) semester hour requirement.

PET 4960R. Physical Dimensions of Aging (4). The course deals with the quality of life, individual differences as we age, physical decline of physiological systems (cardiovascular, muscular, joints, bone, neuromuscular), health, exercise, and well-being, and the pathology of aging. Assists students in developing an understanding of the physical aspects of aging and its application to settings such as physical therapy, sports medicine, and health and fitness programs in hospitals and retirement communities.

PET 4961R. Success in Sports (3). Prerequisite: PSY 3012. The course will focus on profiles of successful athletes. Emphasized are attributes and abilities for elite performance. Pertinent supporting factors which enhance performance will be studied.

PET 4962R. Exercise Testing and Prescription (3). Prerequisite: PET 3388C. Course examines techniques of evaluation for physical fitness and health with a particular emphasis on aerobic capacity, flexibility, strength, and body composition and to design, implement, and administer programs for developing physical fitness and lifestyle changes.

PET 4963R. Athletic Training II (3). Prerequisite: PET 3621. Advanced topics pertaining to athletic training. Evaluation, therapies and rehabilitation of athletic injuries. Required for BOC and CAATEP.

PET 4965R. Issues in Sports Medicine (3). Prerequisite: PET 3621. Course addresses advanced issues relevant to athletic training and sports medicine. Current topics include athletic training/sports medicine administration, athletic training/sports medicine physical therapy, advanced exercise physiology, therapeutic spinal manipulations, occupational therapy, emergency procedures, emergency medical training, and general medical conditions.

PET 4967R. Biomechanics (3). Prerequisite: PET 3322C. The course is structured into two major instructional units: foundations of human movement, and mechanical analysis of human movement. The course function to serve as an introductory course for senior physical education majors interested in the biomechanical aspects of human movement. Course topics include: analysis of myofascial anatomy, general human movement principles and biomechanical analysis.

PET 4969R. Exercise Testing and Prescription (3). Prerequisite: PET 3388C. Course examines techniques of evaluation for physical fitness and health with a particular emphasis on aerobic capacity, flexibility, strength, and body composition and to design, implement, and administer programs for developing physical fitness and lifestyle changes.

PET 5962R. Athletic Training II (3). Prerequisite: PET 3621. Advanced topics pertaining to athletic training. Evaluation, therapies and rehabilitation of athletic injuries. Required for BOC and CAATEP.

PET 5963R. Issues in Sports Medicine (3). Prerequisite: PET 3621. Course addresses advanced issues relevant to athletic training and sports medicine. Current topics include athletic training/sports medicine administration, athletic training/sports medicine physical therapy, advanced exercise physiology, occupational therapy, emergency procedures, emergency medical training, and general medical conditions.

PET 5967R. Biomechanics (3). Prerequisite: PET 3322C. The course is structured into two major instructional units: foundations of human movement, and mechanical analysis of human movement. The course function to serve as an introductory course for senior physical education majors interested in the biomechanical aspects of human movement. Course topics include: analysis of myofascial anatomy, general human movement principles and biomechanical analysis.
PET 4946. Athletic Training/Sports Medicine Capstone. Prerequisite: PET 4944. This course is designed as a capstone for advanced level students who intend to enter the profession of athletic training/sports medicine. Students are evaluated on the previous skills taught in the athletic training/sports medicine clinical courses. Additional content includes oral, practical, and written examinations, professional development activities, and a research presentation on a related topic. All students enrolled in this course must show current proof of student membership in the National Athletic Trainers’ Association (NATA).

PET 4947. General Medical Issues: Clinical (1). Corequisite: PET 4625. Athletic training/sports medicine students in this course observe practitioners in the allied and affiliate site settings, including medical doctors, nurse practitioners, physicians, chiropractors, off-campus certified athletic trainers, and others in the sports medicine setting.

PET 4948c. Practicum in Exercise Sciences (1–6). Prerequisites: 2.75 GPA; HSC 2400 or equivalent; PET 3380C; permission of instructor. Supervised field experience in exercise physiology or motor control. May include research, athletic training or, community fitness projects. May be repeated to a maximum of six (6) semester hours with permission of the instructor.

Graduate Courses
DIE 5248. Clinical Nutrition in the Treatment and Prevention of Disease (3).
FOS 5424. Food Preservation (3).
FOS 5930r. Seminar in Food and Nutrition Science (1).
FOS 5936. Selected Topics in Food Science and Technology (3).
FOS 6351C. Physical and Chemical Techniques in Food and Nutrition (3).
FOS 6930r. Seminar in Food and Nutrition Science (1).
HSC 5603. Models of Health Behavior (3).
HUN 5242. Carbohydrates, Fats, and Proteins (3).
HUN 5243. Vitamins and Minerals (3).
HUN 5802. Research Design and Methodology (2).
HUN 5802L. Research Design and Methodology Laboratory (3).
HUN 5910r. Supervised Research (1–3). (S/U grade only.)

HUN 5930r. Food and Nutrition Seminar (1–4).
HUN 5938r. Special Topics in Nutrition (3).
HUN 6248r. Advances in Nutrition and Food Science (3–12).
HUN 6906r. Directed Individual Study (1–6). (S/U grade only.)
HUN 6911r. Supervised Research (3–5). (S/U grade only.)
HUN 6930r. Food and Nutrition Seminar (1).
HUN 6940r. Supervised Teaching (1–3). (S/U grade only.)
HUN 8945r. Supervised Field Experience (1–9). (S/U grade only.)
PET 5052. Motor Memory (3).
PET 5053. Motor Control (3).
PET 5077. Physical Dimensions of Aging (4).
PET 5355C. Advanced Exercise Physiology (3).
PET 5367. Nutrition and Exercise Performance (3).
PET 5553. Cardiorespiratory and Anthropometric Evaluation and Development of Exercise Programs (3).
PET 5930r. Seminar in Movement Sciences (1).
PET 6339. Neuromuscular Integration in Motor Skills (3).
PET 6365. Exercise and the Cardiorespiratory System (4).
PET 6368. Metabolic Responses to Exercise (3).
PET 6386. Environmental Aspects of Exercise (3).
PET 6930r. Seminar in Movement Sciences (1).
PET 6931r. Advanced Topics (1–4).
PET 8945r. Exercise Physiology Internship (1–9). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Specialized Instruction

OCE 4905. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of ten (10) semester hours.

OCE 4906r. Directed Individual Study (1–4). Prerequisite: Consent of instructor. May be repeated, subject to limitations that may apply from the individual student’s major departments, to a maximum of eighteen (18) semester hours.

OCE 4930r. Studies in Oceanography (1–4). Prerequisite: See instructor. Topics vary. May be repeated to a maximum of nine (9) semester hours when content changes.

PEN 1136. Theory and Practice of Compressed-Gas Diving (1). An introduction to the field of compressed-gas diving that exposes the students to the use of underwater technology and techniques in support of science.

Graduate Courses

Note: Some graduate courses the department offers are open to advanced undergraduates with consent of the instructor. For more information, refer to the “Department of Oceanography” entry in the Graduate Bulletin.

Core Curriculum

OGB 5050. Basic Biological Oceanography (3).
OCC 5050. Basic Chemical Oceanography (3).
OGC 5051. Basic Geological Oceanography (3).
OCP 5050. Basic Physical Oceanography (3).

Biological Oceanography

OGB 5305 Marine Nekton: Larval Fish to Whales (3).
OGB 5515. Marine Microbiology (3).
OGB 5565. Marine Primary Production (3).
OGB 5566. Zooplankton Ecology (3).
OGB 5600. Biological Fluid Dynamics (3). (S/U grade only.)
OGB 5636. Marine Microbial Ecology (3).
OGB 5639. Marine Benthic Ecology (3).

Chemical and Geological Oceanography

OCC 5052. Aquatic Chemistry (3).
OCC 5062. Marine Isotopic Chemistry (3).
OCC 5065. Environmental Chemistry (3).
OCC 5415. Marine Geochemistry (3).
OCC 5416. Organic Geochemistry (3).
OCC 5417. Geochemical Ocean Tracers (3).
OCC 5554. Atmospheric Chemistry (3).
OGC 5457. Stable Isotopes as Tracers in Aquatic Ecosystems (3).

Physical Oceanography

MAP 5431. Introduction to Fluid Dynamics (3).
MAP 6434r. Advanced Topics in Hydrodynamics (2).
OCP 5056. Introduction to Physical Oceanography (3).
OCP 5160. Ocean Waves (3).
OCP 5253. Fluid Dynamics: Geophysical Applications (3).
OCP 5259. Eddies and Rings as Heat-Exchange Mechanisms (3).
OCP 5262. Coastal Ocean Dynamics (3).
OCP 5263. Equatorial Dynamics (3).
OCP 5265. Main Ocean Thermocline (3).
OCP 5271. Turbulence (3).
OCP 5285. Dynamic Oceanography (3).
OCP 5551. Physics of the Air-Sea Boundary Layer (3).

Specialized Instruction and Seminar

OCC 5493r. Advanced Biogeochemistry: Field Methods and Concepts (3).
OCC 5930. Special Topics in Biological Oceanography (1–3).
OCC 5930r. Special Topics in Chemical Oceanography (1–3).
OCP 5930. Special Topics in Physical Oceanography (1–3).
OCE 5906r. Directed Individual Study (1–12). (S/U grade only.)
OCE 5910r. Supervised Research (1–5). (S/U grade only.)
OCE 5940r. Supervised Teaching (1–5). (S/U grade only.)
OGB 5930r. Biological Oceanography Seminar (1). (S/U grade only.)
OCC 5930r. Chemical Oceanography Seminar (1). (S/U grade only.)
OCP 5930r. Physical Oceanography Seminar (1). (S/U grade only.)

General

OCE 5009. Advanced General Oceanography (3).
OCE 5556. The Earth System (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

Department of PHILOSOPHY

COLLEGE OF ARTS AND SCIENCES

Chair: J. Piers Rawling; Professors: Dancy, McNaughton, Mele, Rawling, Ruse; Associate Professors: Dalton, Gert, Morales; Assistant Professors: Costa, Roberts

The undergraduate program in philosophy is designed to enable students to gain an understanding of the substantive issues philosophers have struggled with through the ages. Students majoring in philosophy can expect to develop their abilities to engage in critical examination and evaluation. Such skills have proven to be of great value in almost any type of human endeavor. The program serves as a basis for professional training in other fields, such as law, education, politics, journalism, or theology; or as foundation for future professional training in philosophy. The department offers degree programs at all levels, including an accelerated combined bachelor’s/master’s degree program.

The department participates in the honors program, as well as the undergraduate programs in the following departments or programs: Women’s Studies, Humanities, Latin American and Caribbean Studies, Political Science, International Affairs, and Religion. In addition, it offers more than ten courses in the University’s Liberal Studies Program (see listing under Liberal Studies Program, Area IV in the “Undergraduate Degree Requirements” chapter of this General Bulletin).

Students have considerable latitude to design the content of a major that meets their needs and interests. For example, a student might focus primarily on ethics; on social and political philosophy; on logic and philosophy of science; on the history of philosophy or some distinct period such as ancient, modern, or contemporary; on epistemology; or on cognitive studies. Many students will find it possible to combine a major in philosophy with a major in another discipline. The department welcomes such arrangements.

The department’s distinguished faculty is actively engaged in teaching, research, writing, publishing, and editing. Students majoring in philosophy can be assured that not only will they receive an excellent education in the history of philosophy but they will also have the opportunity to acquaint themselves with the latest developments in the discipline. The journal Social Theory and Practice is edited and published by the department.

The department offers regular colloquia in which local faculty, graduate students, and guests from other universities present papers and lead discussions on philosophical topics. In addition, the department regularly sponsors conferences; topics have included biomedical ethics, moral education, philosophy of language, Wittgenstein, Plato, Aristotle, Kant, ethical theory, history and philosophy of science in science teaching, human rights, Kantian themes in ethics, and philosophy and biology. Werkmeister conferences on a variety of topics are held annually.

In addition to more formal academic settings, the undergraduate philosophy club offers opportunities for majors and prospective majors to meet and discuss readings or movies of philosophical interest.

State of Florida Common Course Prerequisites

No statewide common course prerequisites have been identified for this program.

Though no statewide prerequisites are required, faculty in this program recommend that students take courses with the PHH, PHI, PHM or PHP prefix at the lower level.
Requirements for a Major in Philosophy

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Note: The required courses listed below may not be offered every semester. Students should check with the department at least two semesters before graduation to make sure they will have the opportunity to complete the requirements.

Thirty (30) semester hours in philosophy are required for the major, including the following:

1. Logic (3 semester hours). One of:
   - PHI 2100 Reasoning and Critical Thinking (3)
   - PHI 3130 Introduction to Symbolic Logic (3)

2. History of Philosophy (6 semester hours)
   - PHH 3130 Plato and His Predecessors (3)
   - PHH 3140 Aristotle to Augustine (3)

Modern Philosophy:
- PHH 3400 Modern Philosophy (3)

3. Ethics (3 semester hours)
- PHI 3670 Ethical Theory (3)

4. Contemporary Metaphysics and Epistemology (3 semester hours).
   - One of:
     - PHI 3220 Introduction to Philosophy of Language (3)
     - PHI 3300 Knowledge and Belief (3)
     - PHI 3320 Philosophy of Mind (3)
     - PHI 4500 Metaphysics (3)
     - PHH 4600r Contemporary Philosophy (3)

5. Seminar for Majors, to be taken in the senior year (3 semester hours)
- PHI 4938r Seminar for Majors (3)

Additional requirements: At least twenty-one (21) semester hours in the major must be at the 3000 level or above; at least fifteen (15) semester hours must be completed in the philosophy department at The Florida State University; and completion of a minor.

Grades below “C–” will not be accepted for major or minor credit, nor will courses taken for “S/U” credit.

Requirements for a Minor in Philosophy

Twelve (12) semester hours in philosophy are required for the minor, including:

1. Logic (3 semester hours). One of:
   - PHI 2100 Reasoning and Critical Thinking (3)
   - PHI 3130 Introduction to Symbolic Logic (3)

2. History (3 semester hours). One of:
   - PHH 3130 Plato and His Predecessors (3)
   - PHH 3140 Aristotle to Augustine (3)
   - PHI 3061 Medieval and Renaissance Philosophy (3)
   - PHI 3400 Modern Philosophy (3)
   - PHI 3500 Nineteenth-Century Philosophy (3)

At least six (6) semester hours must be at the 3000 level or above. Students must receive a letter grade of “C–” or better in all courses that count toward the minor.

Minor in Political Philosophy

Twelve (12) semester hours in philosophy are required for the minor, including:

1. Logic (3 semester hours). One of:
   - PHI 2100 Reasoning and Critical Thinking (3)
   - PHI 3130 Introduction to Symbolic Logic (3)

2. Nine (9) semester hours from:
   - PHM 2121 Philosophy of Race, Class and Gender (3)
   - PHM 2300 Introduction to Political Philosophy (3)
   - PHM 3123 Philosophy of Feminism (3)
   - PHM 3331r Modern Political Thought (3)
   - PHM 3350 Introduction to Marxist Philosophy (3)
   - PHM 3400 Philosophy of Law (3)
   - PHM 4340r Contemporary Political Thought (3)

Honors in the Major

Honors work in the major is offered to encourage talented juniors and seniors to undertake independent and original research. Successful completion of honors work results in honors credits and graduation with distinction. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

PHH—Philosophy, History of
PHI—Philosophy
PHM—Philosophy of Man and Society
PHP—Philosophers and Schools

Undergraduate Courses

PHI 2100. Introduction to Philosophy (3).
PHI 3130. Introduction to Symbolic Logic (3).
PHI 3220. Introduction to Philosophy of Language (3).
PHI 3300. Knowledge and Belief (3).
PHI 3320. Philosophy of Mind (3).
PHI 3670. Ethical Theory (3).
PHI 4500. Metaphysics (3).
PHH 4600r. Contemporary Philosophy (3).
PHI 4938r. Seminar for Majors (3).

At least six (6) semester hours must be at the 3000 level or above. Students must receive a letter grade of “C–” or better in all courses that count toward the minor.
PHI 3882. Philosophy in Literature (3). An exploration of how metaphysical and moral ideas function within the structure of selected novels and plays.

PHI 3930r. Selected Topics (1–3). (S/U grade only.) May be repeated to a maximum of three (3) semester hours.

PHI 4134. Modern Logic (3). Prerequisite: PHI 3130, equivalent, or permission of instructor. An intermediate course in modern symbolic logic, with special attention to the semantic evaluation of symbolized arguments. Topics include schema and interpretation, models, satisfiability, normal forms, expressive completeness, proof procedures, metalogical laws, soundness and completeness theorems.

PHI 4137. Modern Logic II (3). Prerequisite: PHI 4134. An advanced course in modern symbolic logic. Topics discussed include the compactness theorem, the logic of identity, names and descriptions, second-order logic, type theory, the Frege-Russell definition of natural number, and Gödel's incompleteness results.

PHI 4500. Metaphysics (3). Critical consideration of recent philosophical work from a variety of points of view on the question of what exists, for example: matter, mind, time, space, universal properties, causes, and essences.

PHI 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

PHI 4912r. Honors Work (3). May be repeated to a maximum of twelve (12) semester hours.

PHI 4930r. Philosophical Problems (3). An examination of selected philosophical problems from an advanced point of view. May be repeated to a maximum of nine (9) semester hours.

PHI 4938r. Seminar for Majors (3). Variable-content seminar for majors to do in-depth work in selected philosophical topics/areas and to practice writing a substantive philosophical paper. May be repeated once with permission of instructor to a maximum of six (6) semester hours.

PHI 4999r. Tutorial in Philosophy (1–3). Critical readings and discussions of important classical and contemporary philosophical texts. Variable content. Variable credit: one to two (1–2) semester hours for a reading course; two to three (2–3) semester hours for a reading course with substantial writing. Repeatable with permission of instructor to a maximum of twelve (12) semester hours.

History of Philosophy

PHH 3061. Medieval and Renaissance Philosophy (3). A survey of Western philosophy from the third to the 16th century, beginning with the work of Christian, Jewish, and Arabic philosophers, and then turning to the rise of humanism, individualism, and science.

PHI 3130. Plato and His Predecessors (3). An introduction to the main issues in ancient Greek philosophy from its beginnings to the work of one of its greatest practitioners. Questions posed include: What is there? What can I know about it? What should I do?

PHI 3140. Aristotle to Augustine (3). Philosophy from the “Master of Those Who Knew” (Aristotle) through to the end of the ancient world and the dominance of Christianity. Topics include: the structure of the World-Order, God, Man’s place.

PHI 3400. Modern Philosophy (3). A critical study of the theories of 17th- and 18th-century Western philosophers through a careful examination of representative texts from both the empiricist and rationalist traditions.

PHH 3500. 19th-Century Philosophy (3). An exploration of the diverse styles, ideas, and systems of such philosophers as Hegel, Kierkegaard, Schopenhauer, Marx, Mill, Bradley, and Nietzsche.

PHH 3700r. American Philosophy (3). An examination of major trends in American philosophy, from the pre-Revolutionary era through the work of Peirce, James, and Dewey. May be repeated once with the permission of the instructor to a maximum of six (6) semester hours.

PHH 4600r. Contemporary Philosophy (3). The main recent philosophical movements are surveyed through selected central representatives. Those considered may include Frege and his background, Russell and Moore, early Wittgenstein, logical positivists and their successors, Husserl and his phenomenology, Heidegger, Sartre, late Wittgenstein and his successors. May be repeated with permission of instructor to a maximum of nine (9) semester hours.

Social and Political Philosophy

PHM 2121. Philosophy of Race, Class and Gender (3). Concentration on contemporary philosophical discussions of race, class, and gender. Topics include the analysis of key institutions (e.g., work, the economy, family, education) and social issues (e.g., identity, sexuality, violence, social change).

PHM 2300. Introduction to Political Philosophy (3). An introduction to the main issues in political philosophy: the justification of political authority, role of law, political obligation, neocolonialism, disobedience, revolution, rights, the appropriate ends of government, patterns of distribution and justice.

PHM 3123. Philosophy of Feminism (3). A comprehensive survey of the most important ideas function within the structure of selected novels and plays.

PHM 3325. Political Philosophy (3). Major political ideas of the modern world emphasized through an examination of a series of philosophical texts (e.g., Machiaveli, Hobbes, Locke, Rousseau, Hume, Burke, Hegel, Marx, Engels, Bentham, Mill, Jefferson, Madison, Lenin, and Mussolini). May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

PHM 3400. Philosophy of Law (3). A comprehensive survey of the most important schools of thought, traditional problems, and current issues in Anglo-American philosophy of law. Chief theories discussed are legal positivism, realism (including the law and economics movement) and critical legal studies (including race and gender theory). Also explored are different views about the interpretation of law and the role of the judiciary in American politics. Includes analysis of legal cases and consideration of issues such as justice, equality, liberty, privacy, and punishment.

PHM 4340r. Contemporary Political Thought (3). An exploration of a set of issues, a trend, or a school of thought in contemporary political philosophy. May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

Philosophers and Schools

PHP 3510. Introduction to Marxist Philosophy (3). A critical overview of the premises and theses of Marxism concerning the understanding of history, economic realities, political thought, and ideologies as found in the principle works of its founders.

PHP 3786r. Existentialism (3). An introduction to existential philosophy through detailed and critical analysis of selected major works in the field with special attention to Heidegger and/or Sartre. May be repeated to a maximum of nine (9) semester hours.

PHP 4930r. Studies in Major Philosophers (3). A detailed study of a major philosopher (e.g., Plato, Aristotle, Kant, etc.) or school of philosophy (e.g., the Stoics, the Marxists). May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

PHI 5105r. Greek Philosophy (3).

PHI 5405r. Modern Philosophy (3).

PHI 5505r. 19th-Century Philosophy (3).

PHI 5600r. Contemporary Philosophy (3).

PHI 6000r. Studies in the History of Philosophy (3).

PHI 5135. Modern Logic I (3).

PHI 5136r. Modern Logic II (3).

PHI 5555. Core Course in Metaphysics and Epistemology (3).

PHI 5665. Core Course in Ethics (3).

PHI 5908r. Directed Individual Study (1–3). (S/U grade only.)

PHI 5913r. Supervised Research (1–5). (S/U grade only.)

PHI 5934r. Topics in Philosophy (3).

PHI 5945r. Supervised Teaching (1–5). (S/U grade only.)

PHI 5956. Introduction to Philosophical Methods (3).

PHI 5971r. Thesis (1–6). (S/U grade only.)

PHI 5998r. Tutorial in Philosophy (1–3).

PHI 6205r. Philosophical Logic (3).

PHI 6225r. Philosophy of Language (3).

PHI 6306r. Epistemology (3).

PHI 6325r. Philosophy of Mind (3).

PHI 6406r. Philosophy of Science (3).

PHI 6425r. Philosophy of Social Sciences (3).

PHI 6455. Philosophy of Biology: Basic Topics (3).

PHI 6457. Philosophy of Biology: Selected Topics (3).

PHI 6506r. Metaphysics (3).

PHI 6607r. Ethics (3).

PHI 6808r. Aesthetics (3).

PHI 6935r. Seminar in Philosophical Topics (3).

PHI 6980r. Dissertation (1–12). (S/U grade only.)

PHI 6205r. Social and Political Philosophy (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of Physics

College of Arts and Sciences

Chair: David Van Winkle; Associate Chair: Riley; Professors: Baer, Berg, Boebinger, Brooks, Duke, Hagopian, Kemper, Manousakis, Owens, Piekarewicz, Prosper, Rikvold, Riley, Schlottmann, Schrieffel, Tabor, Van Winkle, von Molnar, Wahl, Zhou; Associate Professors: Blessing, Bonesteele, Capstick, Dobrosavljevic, Lind, Ng, Reina, Shaheen, Xiong, Yang; Assistant Professors: Adams, Cao, Choirescu, Crede, Eugenio, Fenley, Gershistein, Heist, Rogachev, Volya, Wiebe, Wiedenhover; Professors Emeriti: Allbright, Deslodge, Edwards, Fletcher, Fox, Kimel, Kromhout, G. Moulton, W. Moulton, Philpott, Plendl, Robson, Sheline, Skofronick, Testardi, Wang.

The Florida State University’s Department of Physics offers many exciting programs and opportunities for students interested in learning physics. Our physics curriculum is flexible, structured according to the student’s long-range goals, and provides a solid foundation for future graduate work or immediate employment opportunities. Interdisciplinary degree options are available and many students pursue double majors which include physics. There are many reasons students seek the challenges and rigors that come from making physics a part of their undergraduate studies. Those who do find themselves in a field that both expands their abilities and provides them with an immense feeling of accomplishment. Perhaps the most important benefits gained from physics training are the confidence and the ability to tackle complex technical problems. As a result of this training, physicists find themselves capable of contributing in many professions.

Physics is the foundation of all sciences and has been the pursuit of some of the greatest minds in history including Aristotle, Galileo, Newton, Maxwell, Einstein, and Dirac. Their discoveries and quest for knowledge form the foundation of our physics program. This proud tradition and passion for inquiry has produced a modern professional community of physicists whose contributions are continually expanding and changing our society. Whether it is on the end of the spaceboom fixing the Hubble space telescope, creating and developing the World Wide Web, searching for the fundamental fabric of our universe, exploring safer and more reliable ways to diagnose and treat illnesses, or finding new and better ways to live, you will always find physicists on the frontier. So if you enjoy mathematics and science and are ready for a challenge, you should make physics a part of your education.

The internationally recognized faculty includes many who have earned prestigious awards for their research and teaching, including the Nobel prize. The faculty believe that the quality of teaching, at all levels, is enhanced by a strong research program. Undergraduates, graduate students, and post-doctoral fellows participate in all aspects of research in physics at The Florida State University. In fact, most undergraduate physics majors and post-doctoral fellows participate in all aspects of research in physics at The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Physics

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C, or CHM X045E;
2. CHM X046/X046L, or CHM X046C, or CHM X046E;
3. MAC X311 or MAC X281;
4. MAC X312 or MAC X282;
5. MAC X313 or MAC X283;
6. PHY X048/X048L or PHY X048C;
7. PHY X049/X049L or PHY X049C.

Interdisciplinary Physics Program

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C and CHM X045E;
2. CHM X046/X046L, or CHM X046C, or CHM X046E;
3. MAC X311;
4. MAC X312;
5. Choose between the CHM or PHY sequence:
   a. CHM X210/X210L and CHM X211/X211L or CHM X210C and CHM X211C;
   OR
   b. PHY X048/X048L and PHY X049/X049L, or PHY X048C and PHY X049C, or PHY X053C and PHY X054C.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

A brochure stating degree requirements in detail and containing outlines of undergraduate programs that will meet all departmental and University requirements is available from the departmental undergraduate affairs office. Students expecting to major in physics or in the interdisciplinary program in physics should obtain this brochure as soon as possible.

The University Oral Competency Communication requirement may be satisfied by taking PHY 3091, Communications in Physics, or PHY 4990r, Senior Seminar. The University Computer Competency requirement may be satisfied by taking PHIZ 4151C.
Physics Program
A major is required to take general physics A (PHY 2048C or 2048/2048L), general physics B (PHY 2049C or 2049/2049L), intermediate modern physics (PHY 3101), intermediate mechanics (PHY 3221), mathematical physics (PHY 3113), intermediate electricity and magnetism (PHY 4323), thermal and statistical physics (PHY 4513), quantum theory of matter A (PHY 4604), intermediate laboratory (PHY 3802L), advanced laboratory (PHY 4822Lr), and at least three of the following courses: optics (PHY 3424), advanced dynamics (PHY 4241), quantum theory of matter B (PHY 4605), computational physics (PHY 4151C), physics of stars (AST 4217), particle and nuclear physics (PHZ 4390), phenomena in condensed matter physics (PHZ 3400). A major must also complete one semester of general chemistry (CHM 1045/1045L or CHM 1050/1050L), mathematics through differential equations (MAP 2302) or engineering mathematics I (MAP 3305) and calculus III (MAC 2313).

Students who are planning to conduct graduate work in physics are strongly advised to include advanced dynamics (PHY 4241), and quantum theory of matter B (PHY 4605) in their programs.

No physics, chemistry, or math course with a grade below “C−” may be used to satisfy the above requirements.

In addition to satisfying the above requirements, the student must satisfy the general requirements of both the College of Arts and Sciences and the University with the exception that a minimum of one hundred twenty-four (124) semester hours rather than one hundred twenty (120) semester hours is required for graduation.

The Department of Physics will withhold acceptance as a physics major until the student, in consultation with one of the advisers, has laid out an acceptable program of studies.

Interdisciplinary Program in Physics
The interdisciplinary program in physics is designed to prepare a student for work in areas which combine physics with other fields, such as management, high school teaching, medicine, political science, oceanography, environmental sciences, philosophy, computer science, and others.

An interdisciplinary physics major is required to take the following:
1. General physics A (PHY 2048C or 2048 and 2048L), general physics B (PHY 2049C or 2049 and 2049L), intermediate modern physics (PHY 3101);
2. At least three of the following courses: intermediate mechanics (PHY 3221), intermediate electricity and magnetism (PHY 4323), optics (PHY 3424), mathematical physics (PHY 3113), thermal and statistical physics (PHY 4513), quantum theory of matter A (PHY 4604), quantum theory of matter B (PHY 4605), computational physics (PHY 4513C);
3. Intermediate laboratory A (PHY 3802L), and at least one (1) additional hour of laboratory credit from among the following courses (where the number of laboratory credits associated with each course is indicated after the course number): intermediate laboratory B (PHY 3803L [1]), advanced laboratory (PHY 4822Lr [2]), computational physics (PHY 4513C [3]);
4. Additional physics courses are required for some interdisciplinary programs, and some disciplines have specific physics course requirements. See the department for details.
5. A mathematics minor is required that must include mathematics through ordinary differential equations (MAP 2302) or engineering mathematics I (MAP 3305). Some programs require additional mathematics course(s) at the 2000 level or above.
6. One semester of general chemistry (CHM 1045/1045L or CHM 1050/1050L). Some programs also require CHM 1046/1046L or CHM 1051/1051L.
7. A suitable set of courses in some discipline other than physics. The number and nature of these courses must be individually arranged and approved in advance by the committee of physics advisers.

No physics, chemistry, or math course with a grade below “C−” may be used to satisfy the above requirements.

The Department of Physics will withhold acceptance as an interdisciplinary physics major until the student, in consultation with one of the upper-division physics advisers, has laid out an acceptable program of studies.

Minor
The required mathematics for all physics programs is sufficient to constitute an acceptable minor in mathematics, but a student who so desires may take an additional approved minor.

Honors in the Major
The Department of Physics offers a program in honors in the major to encourage talented juniors and seniors to undertake independent research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Minor in Physics
To obtain a minor in physics a student is required to take general physics A (PHY 2048C or 2048 and 2048L), general physics B (PHY 2049C or 2049 and 2049L), and at least one of the following courses: intermediate modern physics (PHY 3101), intermediate mechanics (PHY 3221), intermediate electricity and magnetism (PHY 4323), optics (PHY 3424), thermal and statistical physics (PHY 4513). Grades below “C−” will not be accepted for a minor.

Definition of Prefixes
AST—Astronomy
PHY—Physics
PHZ—Physics: Continued
PSC—Physical Sciences

Undergraduate Courses
Courses for Non-Science Majors
AST 1002. Planets, Stars, and Galaxies (3). Introductory astronomy. Basic astronomical concepts; gravitation and other cosmic forces; planets, moons, and other components of the solar system; nature and evolution of the sun and of other stars; structure of galaxies and of the universe as a whole. (Astronomy for liberal studies.)

AST 1002L. Introductory Astronomy Laboratory (1). Corequisite: AST 1002. Elective laboratory to accompany AST 1002. One period per week for two (2) hours. Experiments, measurements, and observations of planetary, stellar, galactic, and extragalactic astronomy. (Astronomy laboratory for liberal studies.)

AST 3033. Recent Advances in Astronomy and Cosmology (3). Prerequisites: AST 1002 and fulfillment of the basic math requirement, or consent of instructor. Modern concepts and recent discoveries such as black holes, quasars, and the Big Bang.

PHY 1020. Fundamentals of Physics (3). A liberal studies course for the non-science major with a minimum of mathematics. Survey of light, mechanics, electricity, and magnetism and an introduction to atomic, nuclear and subnuclear physics with emphasis on how the physicist approaches the problem of describing nature. A qualitative, descriptive approach is used. Cannot be taken for credit by students who already have credit in PHY 2048C, 2053L, or equivalent.

PHY 1020L. Fundamentals of Physics Laboratory (1). Corequisite: PHY 1020. Elective laboratory to accompany PHY 1020. One period per week for two (2) hours. Experiments in mechanics, optics, electricity, and magnetism. (Liberal studies laboratory.)

PHY 1075C. Physics of Light and Sound (4). A liberal studies course for the non-science major emphasizing learning the aspects of light and sound needed in recording images and sound. It includes analysis of color, waves, reflection, refraction, imaging, diffraction, spectra, sound levels and perception, and signal processing.

PHY 2464. Physical Basis of Music (3). A study of musical sound using basic physical principles. Applications to musical instruments, room acoustics, and high-fidelity systems.

College Physics for Non-Physical Science Majors
PHY 2053C. College Physics A (4). Prerequisites: MAC 1140 and 1113 with grades of “C−” or better, or appropriate score on a mathematics placement examination. Corequisite: CHM 1045. An introduction to mechanics, heat, and waves for non-physical science majors. Examples from biology, geology and medicine are incorporated. First course in a two-semester sequence. Calculus not required. Two lectures, one recitation, and one laboratory each week. Students who have previously received credit for PHY 2048C may not register for PHY 2053C. (Must also register for PHY 2053L.)

PHY 2053L. College Physics A Laboratory (0).

PHY 2054C. College Physics B (4). Prerequisite: PHY 2053C or 2048C. An introduction to electromagnetism, light, and modern physics for non-physical science majors. Two lectures, one recitation, and one laboratory each week. Students who have previously received credit for PHY 2048C may not register for PHY 2054C. (Must also register for PHY 2054L.)

PHY 2054L. College Physics B Laboratory (0).

PHZ 3701. Medical Physics (3). Corequisite: PHY 2054C or 2049C. Applications of physics in physiology and medicine.

Physics for K–12 Educators
PHY 4012C. Physics for Science Teachers A (3). Intended for pre-service and in-service middle and high school science teachers who are not seeking certification in physics. Forces, work and mechanical energy, linear momentum, centripetal force, gravity, and rotational
motion waves. Labs are incorporated into class time. Cannot be used toward the requirements for the degree in physics.

PHY 4013C. Physics for Science Teachers B (3). Prerequisite: PHY 4012C. The second semester of the introductory physics sequence intended for pre-service and in-service middle and high school science teachers who are not seeking certification in physics. Electricity, magnetism, light, atomic physics, nuclear science, and the physics of stars. Cannot be used toward the requirements for the degree in physics.

PHY 4120C. Physics of the 20th Century (3). Prerequisites: PHY 2049C, 2045C, or 4013C. Experimental observations that have led to the development of quantum mechanics, relativity and modern theories of the creation of the universe will be explored. The course is descriptive rather than emphasizing the mathematical power of current physics theories. Laboratory work will be an integral part. Designed for pre- and in-service high school teachers. Can be used for science credit for science education majors in master’s and doctoral degree programs, but not for a major in physics.

PSC 2801C. Physical Science for ECEE Teachers (4). This course is designed for prospective elementary and early childhood education majors. The course integrates physics and chemistry with the laboratory integral to the course. Students will work in groups in a hands-on, minds-on approach to learning physical science.

General Physics for Physical Science Majors

PHY 2048C. General Physics A (5). Corequisite: MAC 2311. An introduction to mechanics, waves, and thermodynamics for physical science majors, designed to be taken as a sequence with PHY 2049C. Calculus is used. Course consists of lectures, recitations, and laboratory. A student who has taken PHY 2053C or an equivalent course with comparable laboratory component may take PHY 2048 rather than 2048C. (Must also register for PHY 2048L.)

PHY 2049C. General Physics B (5). Prerequisite: PHY 2048C or 2048C with a grade of “C” or better, or consent of instructor. Corequisite: MAC 2312. An introduction to electricity, magnetism, and optics for physical science majors. Calculus is used. Course consists of lectures, recitations, and laboratory. A student who has taken PHY 2045C or an equivalent course with comparable laboratory component may take PHY 2049 rather than 2049C. (Must also register for PHY 2049L.)

PHY 2049L. General Physics B Laboratory (0). Same course as PHY 2049C, except that the student does not take the laboratory. May only be taken by students who have passed PHY 2049C, or an equivalent course. The course must include laboratory work similar to PHY 2049C.

Required Courses for Majors

PHY 3101. Intermediate Modern Physics (3). Prerequisite: PHY 2049C. Special relativity, quantum properties of light and matter, origins of the universe.


PHY 4323. Intermediate Electricity and Magnetism (3). Prerequisites: PHY 2049C; PHZ 3113. Electrodynamics, magnetostatics, time-varying electric and magnetic fields, Maxwell’s equations.


PHY 4504. Quantum Theory of Matter A (3). Prerequisites: PHZ 3113; PHY 3101. Quantum mechanics and its applications to particles, nuclei, atoms, molecules, and condensed matter.

PHY 3113. Mathematical Physics (3). Prerequisite: PHY 2049, 2049C, or 2045C. Corequisite: MAP 2302 or 3305. Mathematical methods applied to physical systems; vectors, specialized techniques of integration, integral transforms, special functions, boundary-value problems, numerical methods.

Elective Courses

AST 4217. The Physics of Stars (3). Prerequisites: PHY 3101, 3221. This course serves as an introduction to star formation, evolution, and death through simple theoretical modeling and through a strong emphasis on the underlying physics concepts.

PHY 3424. Optics (3). Prerequisite: PHY 2049C. Geometrical optics, wave optics, optical instrumentation, properties of light, lasers, fiber optics.

PHY 4241. Advanced Dynamics (3). Prerequisites: PHY 3221, 4323. This course examines a variety of topics including Hamiltonian dynamics and electrodynamics of waves, particles in continuous media, relativistic dynamics, and electrodynamics of particles.


PHY 3400. Phenomena Condensed Matter Physics (3). Prerequisites: MAP 2302 or 3305; PHY 3101. Topics to be covered in this course include crystal structures, phases and thermal properties, electron energy bands, metals, semiconductors, superconductors, and magnetism.

PHY 4390. Particle and Nuclear Physics (3). Prerequisites: MAP 2302 or 3305; PHY 3101; or permission of instructor. This course examines the properties of nuclei and subnuclei, nuclear and particle decays, the Standard Model, and accelerator and detector techniques.

Laboratory Courses


Research and Special Topics

PHY 3930r. Special Topics in Physics (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

PHY 4905r, 4906r. Special Topics in Physics (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

Research Participation (2). Projects in theoretical or experimental physics arranged in advance between the student and a member of the teaching faculty of the physics department. May be repeated to a maximum of eight (8) semester hours.

PHY 4930r. Special Topics in Physics (3). Prerequisite: Senior standing or permission of instructor. Advanced applications of physics to topics of interest, such as relativity, gravitation, particle physics, advanced solid state physics, or advanced nuclear physics. Offered on demand. May be repeated to a maximum of twelve (12) semester hours.

PHY 4937r. Undergraduate Tutorial in Physics (1–3). (S/U grade only.) Prerequisite: Upper division undergraduate standing. Selected topics in modern physics. Examination of primary research literature. May be repeated to a maximum of fifteen (15) semester hours. A maximum of eight (8) students allowed in each tutorial.

Research Participation (4). May be repeated to a maximum of nine (9) semester hours.

PHY 4975. Senior Thesis (1). Prerequisite or Corequisite: PHY 4910. A written report and an oral presentation discussing research work done under PHY 4910. The grade is assigned by a committee of three faculty members.

PHY 4990r. Senior Seminar (1). Prerequisite: PHY 3101. Corequisites: PHY 3091 and 4910r. Students present results of their physics research to the class for discussion. May be repeated to a maximum of two (2) semester hours.

Other Courses

PHY 1090r. Discovering Physics (1). (S/U grade only.) This course serves as an introduction to the exciting work currently being done by physicists. Topics include the physics and the day-to-day work done to answer questions in elementary particle physics, nuclear physics, and condensed matter physics. May be repeated to a maximum of two (2) semester hours.

PHY 3901. Communication in Physics (2). Prerequisite: PHY 2049C. This course provides oral and written communication and computer instruction for PHY 2049C students. This course includes instruction in searching research literature. May be repeated to a maximum of eight (8) semester hours.

PHY 4422. Advanced Mechanics (3). Prerequisite: PHY 3221. Kinematics and dynamics of rigid bodies, introduction to Lagrangian and Hamiltonian mechanics, dynamics of oscillating systems.

PHY 4343. Advanced Electrodynamics and Magnetism (3). Prerequisite: PHY 4323. Applications of Maxwell’s equations, electromagnetic waves, and radiation.

PHY 4601. Special and General Relativity (3). Prerequisites: PHY 3221, 4323. This course examines the following topics: special theory of relativity; tensor analysis and curvature; general theory of relativity; experimental tests; black holes, gravitational radiation; and cosmology.

Graduate Courses

PHY 5053C. Physics in the Secondary Science Classroom A, B (3).

PHY 5084C. Physics in the Secondary Science Classroom A, B (3).

PHY 5142. Current Topics in Physics: Part II (3).

PHY 5154C. Visualization and Symbolic Application Methods in Physics (3).

PHY 4921r. Advanced Numerical Applications in Physics (3).

PHY 5158C. Management of Scientific Computations (3).

PHY 5226. Intermediate Mechanics (3).

PHY 5227. Advanced Mechanics (3).

PHY 5246. Theoretical Dynamics (3).

PHY 5326. Intermediate Electricity and Magnetism (3).

PHY 5327. Advanced Electricity and Magnetism (3).

PHY 5346. Electrodynamics A, B (3).

PHY 5347. Electrodynamics A, B (3).


PHY 5515. Thermal and Statistical Physics (3).

PHY 5524. Statistical Mechanics (3).
PHY 5607r. Quantum Theory of Matter (3).
PHY 5608r. Quantum Theory of Matter (3).
PHY 5645. Quantum Mechanics A, B (3).
PHY 5646. Quantum Mechanics A, B (3).
PHY 5657. Group Theory and Angular Momentum (3).
PHY 5667. Quantum Field Theory (3).
PHY 5669. Quantum Field Theory B (3).
PHY 5670. Quantum Mechanics C (3).
PHY 5846C. Techniques in Experimental Physics (3).
PHY 5904r. Directed Individual Study (3).
PHY 5909r. Directed Individual Study (1–12). (S/U grade only.)
PHY 5918r. Supervised Research (1–5). (S/U grade only.)
PHY 5920r. Colloquium (1). (S/U grade only.)
PHY 5930. Introductory Seminar on Research (1). (S/U grade only.)
PHY 5940r. Supervised Teaching (1–5). (S/U grade only.)
PHY 6165. Issues in Advanced Physics (3).
PHY 6935r. Advanced Seminar (1). (S/U grade only.)
PHY 6937r. Selected Topics in Physics (1–3).

PHY 6938r. Special Topics in Physics (3). (S/U grade only.)
PHY 6941r. Graduate Tutorial in Physics (1–3). (S/U grade only.)
PHZ 5156C. Computational Physics Laboratory (3).
PHZ 5305. Nuclear Physics I (3).
PHZ 5307. Nuclear Physics II (3).
PHZ 5354. High-Energy Physics I (3).
PHZ 5355. High-Energy Physics II (3).
PHZ 5401. Condensed Matter Physics I (3).
PHZ 5402. Condensed Matter Physics II (3).
PHZ 5606. Special and General Relativity (3).
PHZ 5715. Biophysics I (3).
PHZ 5716. Biophysics II (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

**PHYSIOLOGY:**
see Biological Science

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**Department of POLITICAL SCIENCE**

**COLLEGE OF SOCIAL SCIENCES**

**Chair:** Dale L. Smith; **Professors:** Atkins, Barrilleaux, Berry, Carsey, Crew, Kim, Moore, Scholz, C. Weissert, W. Weissert; **Associate Professors:** Claggett, Hensel, Jackson, Kemp, Smith; **Assistant Professors:** Ahn, Brown, Ehrlich, M. Golder, S. Golder, Maestas, Mukherjee, Reenock, Souva, Staton; **Professors Emeriti:** Bone, Dye, Flanagan, Flory, Glick, Gray, Palmer, Roady, St. Angelo, Vanderoef; **Affiliated Faculty:** Fretow

The political science program offers an undergraduate education in the liberal arts tradition, preparing the graduate for a variety of careers by emphasizing the acquisition of skills in communication and analysis; and by encouraging independent thought, tolerance, and informed interest in current affairs. More specifically, the study of political science provides background for careers in government at the local, state, and national levels; in international organizations; political campaigns; interest groups and lobbying organizations; journalism; business; and the law.

**State of Florida Common Course Prerequisites**

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years, though they are not prerequisites for entry into the major.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Two introductory courses (six [6] semester hours) in political science with the CPO, INR or POS prefix.

**Requirements for a Major in Political Science**

A political science major consists of thirty (30) semester hours in political science with a grade of “C–” or better in each course, with the following restrictions:

- At least twenty-one (21) semester hours in courses numbered 3000 and above;
- At least twenty-one (21) semester hours in an assembled classroom (as distinguished from individual credit for honors, directed studies, and internships); and
- At least twelve (12) semester hours in an assembled classroom at The Florida State University (including the study abroad program).

The political science program includes five subfields of study: American government (course prefix is POS), comparative politics (CPO), international relations (INR), public policy (PUP), and public administration (PAD)—PAD courses are offered by the Askew School of Public Administration. ISS 2937 may count as a political science course if the instructor is a faculty member in political science.

Majors must take at least three introductory courses, choosing from: CPO 2002, INR 2002, POS 1041, PUP 3002, and PAD 3003.

**Note:** CPO 2002, INR 2002, POS 1041, and PUP 3002 are prerequisites to most of the upper-level courses in their respective subfields.

Majors also must take at least six (6) semester hours in any three subfields. The introductory courses listed above can be counted toward this subfield requirement.

POS 3713, Understanding Political Science Research, is required of all majors.

Political science majors are required to have a minor or second major and to meet the requirements stipulated by that department or program. Public administration is not permitted as a minor because classes in that area count toward the political science major.

**Honors in the Major**

The department offers a program of honors in the major to encourage qualified juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Internships**

An optional internship in political science is designed to allow students to earn up to six (6) semester hours of credit in political science while also garnering practical experience in government and politics. The prerequisites for internship are: completion of at least sixty (60) semester hours; completion of fifteen (15) semester hours in political science with a “C–” or better, including POS 3713; an overall grade point average of 3.0 or a GPA of 3.0 in political science courses; and permission from the department.

For complete details interested students should contact the department.

**Requirements for a Minor in Political Science**

Students majoring in other departments or programs may minor in political science with fifteen (15) semester hours of political science with grades of “C–” or better. A maximum of six (6) semester hours of PAD and/or PHM prefixes combined may be counted toward the minor. At least nine (9) semester hours must be at the 3000 level or above, and at least six (6) of those must be earned at The Florida State University.

**Definition of Prefixes**

CPO—Comparative Politics
INR—International Relations
PHM—Philosophy of Man and Society
POS—Political Science
POT—Political Theory
PUP—Public Policy
SYD—Sociology of Demography/Area Studies/Sociological Minorities
Undergraduate Courses

American Government

POS 1041. American Government: National (3). Investigates how the national government is structured and how the American political system operates. Covers the philosophical and constitutional foundations of American government, the branches of the national government, the mechanisms by which citizens are connected to their government, and the policy outputs of government.

POS 112. American Government: State and Local (3). A study of the organization, functions, and policies of governments below the national level (state, county, and city).

State Politics (3). Prerequisite: POS 1041 or consent of instructor. Government and politics in the American states. Looks at the governor, the legislature, and the courts, the history of federalism, and policies, practices, and social institutions that affect state government. Includes a study of state policies in such areas as welfare, education, crime, and the environment.

Urban Politics (3). Prerequisite: POS 1041 or consent of instructor. Examines the structure and operation of city governments and the political forces that drive decision making. Includes an examination of different forms of local government and the role of political parties, interest groups, and individuals. Examines the varying social and economic factors affecting U.S. cities.

Florida Government (3). Prerequisite: POS 1041 or consent of instructor. The history and current organization of Florida government—the executive, legislative, and judicial branches. Considers such topics as Florida's Constitution, how Florida compares to other state governments, and the effects of interests outside state government.

Public Opinion and Electoral Behavior (3). Prerequisite: POS 1041 or instructor permission. This course explores political attitudes and behavior. It examines such topics as the sources of voting party, campaign, and election attitudes; how public opinion is measured; and why people vote the way they do.

Political Elites and Representation (3). Prerequisite: POS 1041 or consent of instructor. Considers the major areas related to representation in American government: how public office holders and the nature of their interactions with citizens, how policy is made at the national level, and the level of popular control.

Political Parties and Campaigning (3). Prerequisite: POS 1041 or consent of instructor. Course describes, explains, and evaluates the structure, activities, and functions of political parties in the United States. Examines party organization and leadership, nominations and elections, the American electorate, and political campaigning.

Interest Groups in Democratic Politics (3). Prerequisite: POS 1041 or consent of instructor. The activities of lobbyists and interest groups in the U.S. and Florida as they relate to the initiation, formulation, enactment, and interest group administration of public policies.

Law and Society (3). Prerequisite: POS 1041 or permission of instructor. Course surveys the American legal system including the role of lawyers; sources and types of law; and courts, legislatures, executive agencies, and other law-making institutions. Also links law and legal behavior to the social, economic, and political features of modern society. (Required for students in the Law and Society Program.)

Special Topics in Government (1–3). Prerequisite: POS 1041 or consent of instructor. Varies with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

Economic Interpretations of American Politics (3). Prerequisite: POS 1041 or consent of instructor. Introduces students to economic interpretations of American politics in a non-mathematical fashion evaluating these explanations against empirical research on constitution making, bureaucratic behavior, congressional decision making, electoral choice, the behavior of political parties and interest groups, and public policy outcomes.

Courts, Law, and Politics (3). Prerequisite: POS 1041 or consent of instructor. Survey of the role of the judiciary in the United States and the Supreme Court, other federal courts, and state and local courts. Topics include legal education and law careers, role of lawyers in court, selection of judges, how civil and criminal cases get to and through the courts, plea bargaining, judicial decision-making, and court-made public policy.

The American Presidency (3). Prerequisite: POS 1041 or consent of instructor. The evolution and power of the American presidency and the relations of the President with the branches of government. Also offered by the School of Public Administration and Policy.

Legislative Systems (3). Prerequisite: POS 1041 or consent of instructor. Congress and the behavior of its members. Includes the recruitment and election of members of Congress; the structure and functions of the party, leadership, and committees; the influences on congressional policy-making, and the sources of stability and change in Congress.

The Supreme Court in American Politics (3). Prerequisite: POS 1041 or consent of instructor. Reviews the political role of the Supreme Court with particular attention to case law concerning judicial review, commerce power, federalism, and presidential and legislative power.

The Supreme Court, Civil Liberties, and Civil Rights (3). Prerequisite: POS 1041 or consent of instructor. Reviews recent interpretations of the Bill of Rights and 14th Amendment case law. Special attention to freedom of expression, equal protection, and criminal due process rights.

Comparative Politics

CPO 2002. Introduction to Comparative Government and Politics (3). Addresses government institutions and processes in major regions of the world, as well as theories that explain similarities and differences among countries. Topics may include electoral systems, parliamentary systems, causes of political change, democratization, political culture, ideologies, and economic and social policy. Examples from Western democracies, the third world, and current or former communist countries.

CPO 3034. Politics of Developing Areas (3). Prerequisite: CPO 2002 or consent of instructor. Course examines how economic and social conditions affect politics and government in Africa, Asia, Latin America, and/or the Middle East. Typical topics include theories of development, cultural influences on politics, nationalism and ethnic conflict, changing roles of women in the developing world, foreign aid, causes and consequences of poverty, causes of revolution, environmental policies, military regimes, and corruption.

Comparative Government in Western Europe (3). Prerequisite: CPO 2002 or consent of instructor. Political behavior and institutions in Britain, Germany, France, and other European countries and transnational developments in Europe, such as the post-industrial society phenomenon, terrorism, Eurocommunism, and European federation.

Comparative Government in the Interpreted Great Britain (3). Prerequisite: CPO 2002 or consent of instructor. The political and governmental system of Great Britain within a comparative framework. Comparison and contrast with the United States emphasized.

Politics of Latin America (3). Prerequisite: CPO 2002 or instructor consent. Examination of Latin American politics after the mid-20th century. Examines the historical, economic, and international contexts in which Latin American political systems function, and identifies challenges to democracy and development. The specific Latin American countries covered will vary.

Comparative Government and Politics: The Middle East (3). Prerequisite: CPO 2002 or consent of instructor. The political systems of the Middle East and their social, economic, and cultural foundations.

Political Development in East Asia (3). Prerequisite: CPO 2002 or instructor permission. This course provides a comprehensive look at the events and people shaping Asian-Pacific history since the mid-18th century, and relates them to the shape of current Pacific Basin relations. The western colonial impact and the subsequent political development of eleven northeast and southeast Asian countries is covered including: China, Taiwan, Japan, Korea, Taiwan, Singapore, the Philippines, Indonesia, Malaysia, Thailand and Vietnam.

Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3). Prerequisite: CPO 2002 or instructor permission. Focuses on the role of the new democracies in their post-1989 status as members of their respective regions' political and economic communities. Looks at 20th century political developments to better understand contemporary events in these countries. Deals with political issues such as electoral systems, party systems, “economic miracles,” the process of democratization, the potential future role of these countries in world politics, and the role of North Korean nuclear deterrence as a contributor to the unification of Korea.

Politics of China (3). Prerequisite: CPO 2002 or consent of instructor. An introduction to the politics of the People's Republic of China, its political history and contemporary organization. Covers such topics as Chinese communism, the Cultural Revolution, the post-Mao era, the two Chinas, and popular movements and reforms. Also examines current issues.

Politics of Japan (3). Prerequisite: CPO 2002 or consent of instructor. Japanese society and culture, political behavior, and political institutions. Also included are Japan’s foreign relations with the United States, China, the former Soviet Union, and Southeast Asia.

East European Politics (3). Prerequisite: CPO 2002 or consent of instructor. Examines the past and future of East Europe, focusing on the political, social, and economic legacies of the pre-World War I and inter-war periods, and the Stalinist and post-Stalin periods. The collapse of communism and the democratization process are also examined.

Special Topics in Comparative Government and Politics (1–3). Prerequisite: CPO 2002 or consent of instructor. Topics vary with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

Political Violence (3). Prerequisite: CPO 2002 or instructor permission. Course introduces the student to scholarly writing on violent political conflict. Reviews theories of violence, counter-insurgency, as well as the philosophy of non-violent direct action and several theories of conflict resolution. Course also explores the human costs of political violence.

International Relations

INT 2001. Introduction to International Relations (3). Introduces students to the study of international relations. Major topics include the different actors that participate in international relations and the different goals they pursue, the processes of conflict and cooperation, and recent trends in international politics.

INT 3104. Geography, History, and International Relations (3). Prerequisite: INT 2001 or instructor permission. Course introduces students to the impact of geography and history on international relations and considers the ways these forces influence national and international processes. Topics include the role of geography in international economics and trade, regional integration, geopolitics, territorial and resource disputes, and how decision-makers learn from history.

International Organization (3). Prerequisite: INT 2001 or consent of instructor. Introduces students to the role of global and regional international organizations in contemporary world politics. Special emphasis is placed on the United Nations system, including its structure, activities, influence, and role in world integration.

Theories of International Relations (3). Prerequisite: INT 2001 or consent of instructor. This course provides a more detailed examination of the process of international relations than the introductory course. Topics include the major approaches to foreign policy decision making, prominent explanations of international conflict, and process of international economics.

Domestic Politics and International Relations (3). Prerequisite: INT 2001 or permission of instructor. Course explores the influence of the political, economic, and social structures of nation-states on international relations, both in the area of military conflict and international economic relations.

Special Topics in International Relations (1–3). Prerequisite: INT 2001 or consent of instructor. Topics vary with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

International Human Rights (3). Prerequisite: INT 2001 or permission of instructor. Course introduces students to the legal and political foundations of the international human rights regime, and explores the developments of norms and institutions with special emphasis on the post-World War II era.
INR 4078. Confronting Human Rights Violations (3). Prerequisite: INR 2002 or permission of instructor. This course examines various means of confronting massive human rights violations. It compares the recent phenomenon of truth commissions and pardons to the more traditional, legalistic approach of criminal prosecution. Moral issues involved in each approach and how each serves society are explored. Specific truth commission cases are studied.

INR 4083. International Conflict (3). Prerequisite: INR 2002 or consent of instructor. This course examines historical patterns in warfare, and considers the conditions that influence war and peace between nation-states. Topics include causes of war, outcomes and aftermaths of war, and approaches to peace.

INR 4102. American Foreign Policy (3). Prerequisite: INR 2002 or consent of instructor. The role of the U.S. President, State Department, Congress, Central Intelligence Agency, and Defense Department in making foreign policy. Examines the decision-making process and domestic sources of foreign policy, such as the electorate, public opinion, interest groups, and the media. Looks at the past and the future of American foreign policy with an emphasis on current issues.

INR 4124. Statecraft (3). Prerequisite: INR 2002. Introduces students to the field of security studies. Provides an introduction to the competing visions of the place of the U.S. in the world, the theoretical arguments behind each approach, and discusses how the various perspectives differ on central policy issues.

INR 4244. Studies in International Politics: Latin America (3). Prerequisite: INR 2002 or consent of instructor. Latin America in the international political system, with emphasis on the United States and Latin America.

INR 4274. Studies in International Politics: The Middle East (3). Prerequisite: INR 2002 or consent of instructor. Developments in the international politics of the Middle East and North Africa, historical background to Middle Eastern conflicts, wars and crises with a focus on the Arab-Israeli conflict.

INR 4334. American Defense Policy (3). Prerequisite: INR 2002 or consent of instructor. The evolution and organization of American defense policy as well as an assessment of its current capabilities.

INR 4702. Political Economy of International Relations (3). Prerequisite: INR 2002 or consent of instructor. Course examines the interaction between politics and economies in international relations. Topics covered include international trade, the global monetary system, multinational corporations, regional integration, and economic development.

Public Policy

PUP 3002. Introduction to Public Policy (3). An introduction to the development of public policy in the United States. Covers main policy areas including housing, education, the economy, etc.

PUP 3323. Women and Politics (3). Prerequisite: POS 1041 or instructor permission. Course surveys the relations between gender and politics, governance, and public policy. Looks at the impact of government policies on socialization and how this socialization influences political participation. Topics include women and voting, women as candidates and in elective office, women as appointees, and the differential impact of public policies on women and men. Focuses as well on the racial and ethnic differences among women with respect to participation, vote choice, recruitment, and behavior once in office.

PUP 4008. Public Policy Analysis (3). Prerequisite: PUP 3002. Introduces students to the evaluation and analysis of public policy, using the political economy approach.

PUP 4024. Interest Groups, Social Movements, and Public Policy (3). Prerequisite: PUP 3002 or instructor permission. Course examines the varied effectiveness of interest groups and movements on public policy formation, with emphasis on resources, organizational structure, ideology, strategies, and tactics.

PUP 4034. Organizations and Public Policy (3). Prerequisite: PUP 3002. This course is concerned with the accountability and performance of bureaucrats and their implications for democratic government. Examines major organizations and bureaucracies in public policy, focusing particularly on factors such as decision-making activities, rationality, motivation and conflict within and among organizations.

PUP 4103. Politics of Taxing and Spending (3). Prerequisite: PUP 3002 or instructor permission. Examines public budgeting in the broadest sense of the term, through the study of taxing and spending policy in the U.S. Examines various models of fiscal choice that provide alternative perspectives for evaluating and explaining the taxing and spending choices of government.

PUP 4203. Environmental Politics and Policy (3). Prerequisite: PUP 3002 or instructor permission. This course focuses on the actions taken by government to protect and improve environmental quality in the United States. It includes such topics as the underlying scientific principles, the major actors in policy making, existing legislation, and future challenges. Background in science is not necessary.

PUP 4744. Public Policy and Business (3). Prerequisites: POS 1041; PUP 3002. A survey and analysis of public policies affecting business and industry.

POT 3502. Politics and Ethics (3). Emphasis on a selected set of issues, trends, or school of thought in contemporary political philosophy. Also offered by the Department of Philosophy.

POT 3003. Introduction to Political Thought (3). Study of the writings of several major political theorists of the past that explore the major issues that define the field of political philosophy.

POT 3075. Culture and Politics (3). Values, beliefs, and symbols—in short, culture—underlie and energize the processes of politics and government. Covers the analysis of those social and cultural forces that often structure or determine political events.

POT 5302. Politics and Ethics (3). This course examines governing as the process of collective decision-making as a society's search for public ethics.

POT 5308. Values and Politics: Conflict and Conviction (3). This course explores and analyzes the major thinkers of American political thought from its beginnings up to the Civil War period. Included topics are Puritanism, the American Revolution, the making and ratifying of the Constitution, Jeffersonian and Jacksonian democracy, the nature of the union, and the issue of slavery.

POT 4205. American Political Thought I (3). Focuses on the major thinkers and major themes in American political thought from the Civil War period to the present. Included topics are social Darwinism, Populism, Progressivism, the New Deal and its critics, and post World War II political thought.

POT 4206. American Political Thought II (3). Course explores and analyzes the major thinkers and major themes in American political thought from the post Civil War period to the present. Included topics are social Darwinism, Populism, Progressivism, the New Deal and its critics, and post World War II political thought.

Other

POS 2001. Introduction to Political Science (3). An introduction to the discipline of political science involving an examination of its major sub-fields, concepts, and methodologies.

POS 3713. Understanding Political Science Research (3). Prerequisite: Any one of the following—POS 1041; CPO 2002; INR 2002; POS 3002; or consent of instructor. Doing political science as opposed to reading it. Includes introductory examinations of survey research, computer applications, data analysis, and philosophy of science. Required for all political science majors.

POS 3930r. Advanced Undergraduate Seminar I (3). Prerequisite: At least twelve (12) semester hours of political science or consent of instructor. Seminar on topics of major theoretical or policy relevance to political scientists. Opportunity for discussion and instructor interaction. Topic varies. May be repeated to a maximum of six (6) semester hours.

POH 4903r. Cooperative Education Work Experience (0). (S/U grade only.) Prerequisite: Consent of instructor.

POH 4715. Politics and the Theory of Games (3). Prerequisites: One of the following—CPO 2002; INR 2002; POS 1041, and completion of the mathematics liberal studies requirements. Course discusses elementary theories of individual and group decision-making which are used to analyze various political phenomena such as the arms race, legislative politics, majority rule in democracies, voting and elections, and coalition governments.

POH 4905r. Directed Individual Study (1–3). Prerequisite: At least twelve (12) semester hours of political science or consent of instructor. Involves some combination of research, reading, writing, field study, other scholarly activities, and evaluation. May be repeated to a maximum of twelve (12) semester hours.

POH 4935r. Honors Work (1–6). When offered as a seminar, selected topics are used to develop outstanding scholarship; also offered for individual students engaged in senior honors thesis. Course credit determined through consultation between instructor and student. May be repeated to a maximum of nine (9) semester hours.

POH 4941r. Internship (1–6). Prerequisites: Completion of at least sixty (60) semester hours; completion of fifteen (15) semester hours in political science with a "C-" or better, including POS 1041; an FSU grade point average of 3.0 or a GPA of 3.0 in political science involving an examination of its major sub-fields, concepts, and methodologies.

POH 4944. Readings in Political Thought (3). Course explores and analyzes the major thinkers and major themes in American political thought from the post Civil War period to the present. Included topics are social Darwinism, Populism, Progressivism, the New Deal and its critics, and post World War II political thought.

POH 4951. Core Seminar in Comparative Government and Politics (3). Prerequisite: At least twelve (12) semester hours of political science or consent of instructor. Seminar on topics of major theoretical or policy relevance to political scientists. Opportunity for discussion and instructor interaction. Topic varies. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

Comparative Politics

CPO 5036. Politics of Developing Areas (3).

CPO 5091. Core Seminar in Comparative Government and Politics (3).

CPO 5127. Seminar in Comparative Government and Politics: Great Britain (3).

CPO 5407. Seminar in Comparative Government and Politics: The Middle East (3).

CPO 5557. Seminar in Comparative Government and Politics: Japan (3).

CPO 5644. Russian Politics (3).

CPO 5740. Comparative Political Economy (3).

CPO 5934r. Selected Topics (3).

CPO 6910. Advanced Research in Comparative Politics (3).

International Relations

INR 5007. Seminar in International Relations: International Relations (3).

INR 5014. Contexts and International Relations (3).

INR 5036. International Political Economy (3).

INR 5037. Development, Dependence, and Inequality (3).

INR 5090. Rational Choice and International Relations (3).

INR 5265. Russian Foreign Policy (3).

INR 5275. Middle East Foreign Policy (3).
American Government

**American Government**

**POS 5036.** Seminar in American Government and Public Policy: Selected Topics (3).
**POS 5127.** State Government and Politics (3).
**POS 5208r.** Selected Topics in Political Behavior (3).
**POS 5227.** The Executive (3).
**POS 5237.** Seminar in American Government and Public Policy: Public Opinion (3).
**POS 5277.** Electoral Politics (3).
**POS 5287.** Seminar in American Government and Public Policy: Judicial Politics (3).
**POS 5427.** Legislative Politics (3).
**POS 5456.** Interest Groups and Policy (3).
**POS 5698r.** Selected Topics (3).
**POS 5724.** Economic Models of American Politics (3).
**POS 6910.** Advanced Research in American Government (3).

**Methods of Political Analysis**

**POS 5723r.** Game Theory (3).
**POS 5726.** Social Choice Theory (3).
**POS 5736r.** Research Design (3).
**POS 5737r.** Political Science Data Analysis (3).
**POS 5746r.** Quantitative Analysis in Political Science (3).
**POS 5747r.** Advanced Quantitative Analysis in Political Science (3).
**POS 5915.** Political Science Research Practicum (3).

**Political Theory**

**POT 5934r.** Seminar in Political Thought (3).
**POT 5936r.** Selected Topics (3).

**Public Policy**

**PUP 5005.** Public Policy: Institutions and Processes (3).
**PUP 5006.** Policy Implementation and Evaluation (3).
**PUP 5007.** Models of Public Policy-Making (3).
**PUP 5009r.** Public Policy (3).
**PUP 5015.** Comparative Public Policy (3).
**PUP 5207.** Environmental Politics and Policy (3).
**PUP 5335.** Aging Politics and Policy (3).
**PUP 5607.** Politics of Health Policy (3).
**PUP 5932r.** Selected Topics (3).
**PUP 6910.** Advanced Research in Public Policy (3).

**Other**

**POS 5909r.** Directed Individual Study (1–3).
**POS 5919r.** Supervised Research (1–5). (S/U grade only.)
**POS 5940r.** Supervised Teaching (1–5). (S/U grade only.)
**POS 5946r.** Teaching Political Science at the College Level (3).
**POS 6930r.** Profession of Political Science (0–6). (S/U grade only.)
**SYD 5145.** Population Policy (3).

**Applied American Politics and Policy**

**POS 5085.** Governmental Relations for Business (3).
**POS 5096.** Political Fundraising (3).
**POS 5203.** Fundamentals of Political Management (3).
**POS 5274.** The Campaign Process (3).
**POS 5276.** Political Communication and Message Development (3).
**POS 5335.** Political Research (3).
**POS 5465.** Lobbying (3).
**POS 5905.** Applied Program Planning (1). (S/U grade only.)
**POS 5945r.** Professional Practicum/Internship (3–12).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

**POPULATION:**

see Graduate Bulletin

**PORTUGUESE:**

see Modern Languages and Linguistics

**PRELAW EMPHASIS:**

see Communication

**PREPROFESSIONAL AREAS:**

see College of Medicine

**PSYCHOBIOLOGY/NEUROSCIENCE:**

see Graduate Bulletin

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**Department of PSYCHOLOGY**

**COLLEGE OF ARTS AND SCIENCES**

Chair: Janet Kistner; Associate Chair: Berler; Professors: Bailey, Baumeister, Berkley, Carbonell, Charmess, Contreras, Ericsson, Gledenning, Hull, Hyson, Joiner, Kistner, Lang, Lonigan, Madsen, Schmidt, Stephan, Tice, Torgesen, Wagner, Zwaan; Associate Professors: Boroto, J. Johnson, Kelley, B. Licht, M. Licht, Meyer, Schatschneider, Wang; Assistant Professors: Bolaños, Eckel, Kaschak, Loney, Maner, Plant, Scheffers, Taylor; Research Associates in Psychology: Berler, Henderson, Sachs-Ericsson, Warmath; Associates in Psychology: Akbar, Murphy; Assistants in Psychology: Kline, Weil, Administrative and Professional: Bigbie, Donaldson, Harris, Saunders; Associated Faculty: Davis, Ferris, Kerr, O’Kon, Patrick, C. Rashotte, K. Schmidt, Sullivan, Tenenbaum, Wells-Harrison; Professors Emeriti: Brigham, Hokanson, Kennedy, Kershalo, Megargee, Miller, Rashotte, Smith, Weaver

The undergraduate program in psychology offers introductory survey courses to give the liberal studies student a broad background in the study of behavior, as well as upper-division courses for the advanced student who has more specialized interests. The undergraduate major includes a rigorous course of study that covers the methodology and content needed to understand the causes of behavior in humans and animals. It is the intent of the program that the level of knowledge attained by the successful major will be such that the student is well prepared for graduate-level studies in any of the specialty areas in psychology. Likewise, the undergraduate program will provide excellent preparation for those interested in advanced training in a professional school (e.g., law or medical school), although additional coursework outside psychology may be required. Although some students may not wish to pursue graduate studies, this program assures that the successful major will attain a strong science-based liberal arts education.

Majors are required to take three laboratory courses, and qualified students are encouraged to work in the department’s research laboratories or to participate in research in educational and clinical settings. Students preparing for graduate school are strongly encouraged to consult early with the departmental advisement office about opportunities for intensive study in a specialty area while pursuing the major. To make an appointment with an adviser, please call (850) 644-4260 or contact via e-mail at advising@psy.fsu.edu. The optional areas of emphasis include clinical psychology, cognitive psychology, developmental psychology, neuroscience, social psychology, and performance management. For the student wishing to study abroad for a semester, courses in psychology may be available at the London Study Center and FSU—Panama. For detailed information about the psychology major and the department, please refer to http://www psy.fsu.edu.

**State of Florida Common Course Prerequisites**

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the upper-division program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. One course (three [3] semester hours) in any level general biology course or BSC X200–209 or ZOO X010;
2. PSY X012;

Note: This prerequisite is tentative and subject to approval by the Articulation Coordinating Committee.

4. One course (three [3] semester hours) in any lower–level psychology class within the psychology inventory.

Note: This prerequisite course, though not required for admission into the upper division major, is required for completion of the degree.

Admission Requirements for a Major in Psychology

Admission to the undergraduate program in psychology is based on a minimum GPA and the successful completion of prerequisite course requirements.

Note: While some of these requirements overlap with the State of Florida Common Course Prerequisites (listed above), there are additional requirements for admission to the psychology major.

1. A minimum GPA of 2.8 in all college-level courses attempted.
2. Meet requirements for progression to upper division status.
3. Completion of the three (3) courses listed below (each with a C- or better). These 3 courses should be taken as part of the Liberal Studies requirements or the A.A. degree.
   a. PSY 2012
   b. One biology course, chosen from among BSC 1005, 2085, 2010, PCB 2099 or PSB 2000
   c. STA 2122

Requirements for a Major

Note: The following graduation requirements apply to all students formally admitted to the upper division major on or after August 28, 2006. Mapped students who qualify for formal admission on or after August 28, 2006 must maintain a minimum GPA of 2.8 to stay in the major. For students formally admitted to the upper division major prior to August 28, 2006, please see the department’s Web site at http://www.psy.fsu.edu or contact the Psychology Advising Office at 644-4260 for requirements from the previous curriculum. Please note that mapped students who qualify for formal admission before August 28, 2006 must maintain a minimum GPA of 2.6 to stay in the major.

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Please also see the section in this General Bulletin on university-wide undergraduate degree requirements regarding the following: multi-cultural, oral communication competency, and computer skills competency. For the computer skills competency requirement, psychology majors may take either CGS 2060 or BSC 2010L.

For the bachelor of science (BS) degree in psychology, the requirements listed below, along with the requirements of the College of Arts and Sciences, must be fulfilled. For the bachelor of arts (BA) degree, nine (9) additional semester hours in the humanities and history are required above and beyond the requirements for the BS degree.

The Department of Psychology offers a broad selection of courses in order for each student to select a curriculum appropriate for his/her needs. All students must fulfill the major requirements, listed below, which ensure a balanced program of study. Any of the courses listed below, if presented by the student toward fulfillment of the major, must be completed with a minimum grade of “C–”. Additionally, no student who has accumulated more than four grades below “C–” (D+, D, D–, F, U) in psychology courses or prerequisite courses for the major taken for credit at The Florida State University or elsewhere will be permitted to continue toward a degree with a major in psychology.

In an effort to maintain quality and to give students a direct way to affect the program, the Department of Psychology asks all of its graduating seniors to complete a survey to provide information about their experiences in and impressions of the department.

Class Attendance

The Department of Psychology enforces a strict first-day attendance policy. Students missing the first day of any class will be dropped.

Required Upper-Level Courses for a Psychology Major

Note: EXP 3202C, 3203C, 3422C, 3604C, PSY 3213C and PSB 3004C are each four (4) hour courses with both lecture and laboratory components. These courses previously were three (3) hour lecture courses and separate one (1) hour laboratory courses.

Thirty-six (36) semester hours of psychology courses (not including General Psychology) are required for the major. At least eighteen (18) of these thirty-six (36) hours must be taken in residence at FSU. The thirty-six (36) hours must include:

Group 1: Research Methods. STA 2122 is a prerequisite.
   PSY 3213C Research Methods in Psychology (4)

Group 2: Neuroscience. Students must take one course, totaling three to four (3–4) semester hours, from this group.
   PSB 2000 Brain and Behavior (3)
   PSB 4461 Hormones & Behavior (3)
   EXP 3203C Animal Sensory Processes (4)
   PSB 3004C Physiological Psychology (4)
   EXP 3202C Sensation & Perception (4)

Note: If PSB 2000 was used for the Biology requirement for entrance into the major, it cannot also fulfill Group 2.

Group 3: Social, Cognitive, and Developmental Psychology. Students must take two courses, totaling six to seven (6–7) semester hours, from this group. Only one of these can have a DEP prefix.
   SOP 3004 Social Psychology (3)
   EXP 2020 Mind and Cognition (3)
   EXP 4640 Psychology of Language (3)
   EXP 3404 Human Memory and Learning (3)
   EXP 3604C Cognitive Psychology (4)
   DEP 3103 Child Psychology (3)
   DEP 4404 Psychology of Adult Development and Aging (3)

Group 4: Lecture/Laboratory Courses. Students must take two courses from the list below. Each course contains a lecture and laboratory component.
   PSB 3004C Physiological Psychology (4)
   EXP 3202C Sensation and Perception (4)
   EXP 3422C Conditioning and Learning (4)
   EXP 3604C Cognitive Psychology (4)

Note: If students use one or more course from Group 4 to fulfill requirements from Group 2 and/or Group 3, they can still count them toward the Group 4 requirements. By double-counting these courses, students will not be able to graduate with fewer hours in the major; they will then take more psychology electives (Group 5) to total thirty-six (36) semester hours. Group 4 adds between 10 and 8 hours of credit, depending on how many courses are double counted.

Group 5: Psychology Electives. Students must take enough psychology elective courses to total 36 hours of psychology courses (not including General Psychology). Group 5 adds between 15 hours and 21 hours of credit.

a. Up to 6 total hours of either Directed Individual Study (DIS: PSY 4911–4914) and/or Research Topics (PSY 4920) can count toward psychology electives. These are taken by permission of instructor only. They can be taken as early as the first semester of Sophomore year. Students can take more than 6 hours of these research experience courses (12 hours DIS; 12 hours PSY 4920), but only 6 hours total will count toward the psychology major.

b. Honor’s Thesis work (PSY 4039r). Students can use Honor’s Thesis work to bring the total number of hours of “research experience” to 9 hours maximum. For example, if a student took 6 combined hours of PSY 4920 and PSY 4911, he/she can count an additional 3 hours of Honors toward the major.

c. Courses with a WST prefix will not count toward psychology electives even though they are listed on the psychology course look up.

d. Psychology electives can include any psychology courses not listed above, as well as classes listed under Groups 2, 3 or 4 as long as they have not been used to fulfill other requirements.
A broad introduction to the field of psychology covering general principles. Course combines formal lectures, student-teacher interaction, and laboratory research. Prerequisite: PSY 2012; PSB 2000 or PSB 3004C, or permission of instructor. Requirements Upper-Level Courses for a Psychology Major at Panama City

Graduation requirements for the psychology major are the same as those at the Tallahassee campus. Note: For further information about admission, degree requirements, minor requirements, or the foreign language requirements for the bachelor's degree program, contact the FSU Panama City campus at (850) 872-4750, or toll free at (866) 539-7588, or refer to http://www.pc.fsu.edu.

Definition of Prefixes

CBH—Comparative Psychology and Animal Behavior
CLP—Clinical Psychology
DEP—Developmental Psychology
EAB—Experimental Analysis of Behavior
EDP—Educational Psychology
EXP—Experimental Psychology
INP—Industrial and Applied Psychology
ISC—Interdisciplinary Sciences
PCB—Process Biology
PPE—Personality
PSB—Psychobiology
PSY—Psychology
SOP—Social Psychology

Undergraduate Courses

General Psychology

PSY 2012. General Psychology (3). A broad introduction to the field of psychology covering such topics as learning, perception, intelligence, personality, social behavior, neuroscience, developmental psychology and abnormal behavior.

PSY 2023. Careers in Psychology (1). (S/U grade only) Prerequisite: PSY 2012. This course is intended for psychology majors who are early in their undergraduate careers. Discussions cover options in psychology and related fields for those students planning to enter the job market or graduate/professional school upon graduation. Students will learn the career opportunities available in psychology and related fields.

PSY 3213C. Research Methods in Psychology with Laboratory (4). Prerequisites: PSY 2012; STA 2122. Introduction to philosophical and methodological issues in the empirical study of psychology. Laboratory portion includes running simple experiments, analyzing data, and interpreting the results.

PSY 4604A. History and Systems of Psychology (3). Prerequisite: PSY 2012, 3213C; junior or senior standing; or consent of instructor (recommended for seniors). Covers the philosophical and scientific antecedents of modern psychology and the history of psychology as an independent scientific discipline.

Behavioral and Systems Neuroscience

CBH 4304A. Behavioral Genetics (3). Prerequisites: PSY 2012, 3213C; introductory statistics course. This course examines the application of genetic methods to human and animal behavior. Genetic methods discussed include twin and adoption as well as molecular studies. Behaviors to be examined include personality, intelligence, and psychopathology.

EXP 3202C. Sensations and Perception with Laboratory (4). Prerequisite: PSY 3213C. The role of sensory input and perceptual organization in human and animal behavior. Laboratory experiments.

EXP 3203C. Animal Sensory Processes with Laboratory (4). Prerequisite: PSY 3213C. Animal psychophysics and electrophysiology in the study of animal sensation and perception.

EXP 3422C. Conditioning and Learning with Laboratory (4). Prerequisite: PSY 3213C. How acquired behaviors can influence everyday behavior. Laboratory experiments.

PSB 2000. Introduction to Brain and Behavior (3). A study of the basic principles of brain function and how they relate to animal and human behavior. Cannot be taken after PSB 3004C.

PSB 3004C. Physiological Psychology with Laboratory (4). Prerequisite: PSY 3213C. Current problems, theories, and techniques in physiological psychology with emphasis on central nervous system mechanisms.

PSB 4240A. Biological Basis of Brain Dysfunction (3). Prerequisites: Junior or senior standing; PSY 2012; 3004C; or an introductory course in biology. This course will examine the role of brain dysfunction in schizophrenia, obsessive-compulsive disorder, mania, depression, drug abuse, Alzheimer’s disease, Parkinson’s disease, Huntington’s disease, and Tourette’s syndrome. These pathological processes will be explored from both biological and psychological perspectives.

PSB 4461. Hormones and Behavior (3). Prerequisites: PSY 2012; PSB 2000 or 3004C, or three (3) semester hours in biology. Provides students with current knowledge of interactions between hormones and behavior with emphasis on the brain regulation of hormone-behavior interaction in mammalian species including humans.

PSB 4641. Pain and Suffering (3). Course combines formal lectures, student-teacher discussions and student presentations to understand what we currently know and how we can increase our knowledge about the multi-faceted (genetic, biological, psychological, sociocultural) mechanisms underpinning pain.

PSB 4710A. Biology of Eating Disorders and Obesity (3). This course explores the biological and genetic factors that may increase susceptibility to develop an eating disorder or obesity. It also provides a survey of biological changes that arise in individuals with an eating disorder or obesity.

PSB 4731. Biopsychology of Sexual Behavior (3). Prerequisites: PSY 2012; PSB 2000 or 3004C, or three (3) semester hours in biology. A study of biological and sociocultural determinants of sexual development particularly as it relates to sexual orientation, sexual preference, and purported gender differences in personality, cognition, and mental disorders.
Human Learning and Cognition

EXP 2020. Mind and Cognition (3). Prerequisite: Permission of instructor. The course focuses on intelligent behavior in humans, animals, and machines and on the mechanisms underlying this behavior.

EXP 3404. Human Memory and Learning (3). Prerequisites: PSY 3213C. Course introduces issues related to human memory and learning. Topics include memory systems, encoding, storage, and retrieval. Topics may include disorders of memory (e.g., Alzheimer’s disease), repressed memories and memory improvement.

EXP 3604C. Cognitive Psychology with Laboratory (4). Prerequisites: PSY 3213C. Contemporary approaches to human learning, memory, and higher mental processes; lectures plus laboratory experiments.

EXP 4640. Psychology of Language (3). Prerequisite: PSY 3213C. An examination of the psychocultural forces which shape and determine the unique behavior of African Americans.

CLP 3003. Psychology of Adjustment (3). Prerequisite: PSY 2012. Human adjustments and the resulting forms of behavior. Abnormal and normal behavior are contrasted. Special emphasis is placed on the determinants of adjustment.


CLP 3314. Health Psychology (3). Prerequisite: PSY 2012. This course is a survey of health psychology and behavioral medicine. Topics include mind/body connections, health and disease, stress, coping and, and psychology in medical settings.

CLP 4134. Abnormal Child Psychology (3). Prerequisite: DEP 3103. This course focuses on the development, maintenance, assessment, and treatment of various psychological disorders of childhood and adolescence. Theoretical and practical applications of research findings are discussed pertaining to anxiety, depression, autism, conduct disorder, attention-deficit disorder/hyperactivity disorder, and learning disabilities.


CLP 4182. Addictive Behaviors (3). Prerequisites: Junior or Senior standing; 3.0 GPA or permission of instructor. This course addresses the broad concept of “addiction,” emphasizing substance use problems, but touching on other gratifying compulsive behaviors such as overeating, gambling, and certain sexual deviations. Critical thinking about the available theoretical, empirical, and popular literature as well as relevant public policy is the focus.

CLP 4343x. Current Issues in Clinical Psychology (3). Prerequisites: PSY 2012; Junior or senior standing. A study of current issues in clinical psychology. May be repeated to a maximum of six (6) semester hours.

CLP 4505. Abnormal Psychology Field Experience (1). (S/U grade only.) Prerequisites: CLP 4143, permission of instructor.

PPE 3003. Psychology of Personality (3). Prerequisite: PSY 2012. An introduction to methods, theory, and research in personality.

PSY 4302. Theory, Application, and Evaluation of Tests (3). Prerequisites: PSY 3213C. Basic test and measurement theory essential in the construction, appropriate use, and evaluation of achievement, aptitude, intelligence, interest, and personality tests.

Life-Span Development


DEP 3305. Psychology of Adolescent Development (3). Prerequisite: PSY 2012. Recent research dealing with adolescents. Emphasis is placed on the influence of growth and the role of cultural environments on behavior.

DEP 4404. Psychology of Adult Development and Aging (3). Prerequisite: PSY 2012. The study of the major psychological issues of adulthood and aging, including: age-related changes in psychological, social, and physical functioning; interpersonal and family relationships; career development and retirement; mental and physical health; death and bereavement; and coping with the process of aging. Prior introductory courses in personality, social, cognition, and/or sensation-perception are recommended.

Social

SOP 3004. Social Psychology (3). This course involves scientific study of how people think about, influence, and relate to one another. Subjects include individual, cultural, behavioral, and biological levels of analysis. Completion of PSY 2012 is recommended prior to this course.

SOP 3742. Psychology of Women (3). Prerequisite: PSY 2012. Systematic study of research and theory including psychological differences and similarities between sexes.

SOP 3751. Psychology and the Law (3). Prerequisite: PSY 2012. An examination of the interface between psychology and legal issues. Research on judges, juries, defendants, and police are covered. Topics include the legal system as well as the psychological theories in the legal system.

SOP 3782. Psychology of the African American (3). Prerequisite: PSY 2012. A critical examination of the psychocultural forces which shape and determine the unique behavior of African Americans.

SOP 4214. Experimental Social Psychology (3). Prerequisites: PSY 3213C; SOP 3004. Course covers in-depth analysis of several central areas of social psychology with an emphasis on designing and carrying out research in these areas.

SOP 4722. Prejudice and Stereotyping (3). Prerequisites: PSY 3213C; SOP 2012; SOP 3004. This course explores the nature of prejudice and stereotyping in our society using a social psychological perspective.

Behavioral–Performance Management

EAB 3703. Applied Behavior Analysis (3). This course introduces the basic principles of behavior and exposes students to settings where techniques based on learning theory can be used therapeutically.

INP 3303. Business Psychology (3). Prerequisite: PSY 2012. Vocational selection, psychological principles of supervision and leadership, emotional problems of employers, selling, and advertising.

INP 3313. Behavior Analysis in Business and Industry (3). Prerequisites: EAB 3703; EAB 3422C. PSY 2012. Behavior principles as they are applied in business, industry, and government.

INP 4314. Advanced Topics in Performance Management (4). Prerequisite: INP 3313 and permission of instructor. Implementation and analysis of performance management principles via a project carried out in a business setting; motivation, compensation, and systems issues in performance technology.

Multiple Areas

ISC 3076. Science, Technology, and Society (3). Science is considered as an enterprise in modern society that produces technological advances and new perspectives on reality. Interrelations among science, technology, and society are examined. Enrollment is open to students who have attained at least junior standing or by permission of instructor.

CLP 3940r. Cooperative Education Work Experience (0). (S/U grade only.)

CLP 4039r. Honors Work (1–6). May be repeated to a maximum of nine (9) hours.

PSY 4011F–4014F. Directed Individual Study (one to three [1–3] hours each). (S/U grade only.)

PSY 4020r. Research Topics (1–3). (S/U grade only.) Prerequisites: Sophomore or higher standing and consent of instructor. Study on a selected topic as designated by the student and the directing professor. Each course may be repeated to a maximum of three (3) semester hours.

PSY 4020r. Research Topics (1–3). (S/U grade only.) Prerequisites: Sophomore or higher standing and consent of instructor. Participation in a group research project on a selected topic as designated by the directing professor. May be repeated to a maximum of twelve (12) semester hours.

PSY 4030r. Special Topics in Psychology (3). May be repeated to a maximum of nine (9) semester hours. A maximum of two (2) special topics courses may be taken in the same semester.

CLP 4970r. Honors Seminar (1). (S/U grade only.) Prerequisite: Acceptance in the honors in psychology program. Exposure to state-of-the-art research of psychology faculty to increase breadth in the discipline and to help select a thesis topic and research mentor. Forum for informal discussion of project development, research design, data collection and analyses, and thesis presentation. May be repeated to a maximum of four (4) semester hours; only two (2) semester hours may be counted toward the major.

SCE 4930r. Seminar in Contemporary Science, Mathematics, and Science Education (1). For description, see the interdisciplinary science courses listed in the “College of Arts and Sciences” chapter of this General Bulletin.

Graduate Courses

General

PSY 5605. History and Systems of Psychology (3).

PSY 6945. Teaching Psychology Practicum (3).

Applied Behavior Analysis

EAB 5700. Basic Principles of Behavior (3). (S/U grade only.)

EAB 5701. Basic Methods of Applied Behavior Analysis (3).

EAB 5710. Behavioral Analysis in Developmental Disabilities and Autism (3).

EAB 5711. Behavioral Analysis in Mental Health and Aging (3).

EAB 5721. Behavioral Analysis in Education and Performance Management (3).

EAB 5780. Ethical and Professional Issues in Applied Behavior Analysis (3).


EAB 5940. Applied Behavioral Analysis Practicum (3). (S/U grade only.)

EAB 5941. Applied Behavioral Analysis Practicum (3). (S/U grade only.)

EAB 5942. Applied Behavioral Analysis Practicum (3). (S/U grade only.)

EAB 6130r. Seminar on Skinner’s Theory of Behaviorism (3).

Clinical: Personality

CLP 5195. Theories of Psychotherapy (3).

CLP 5196. Techniques of Behavioral Change (3).

CLP 5375. Concepts and Methods of Clinical Psychology (3).

CLP 5475. Child Psychopathology and Intervention (3).

CLP 5624. Ethics and Standards of Professional Practice (3). (S/U grade only).

CLP 5932. Law and Ethics (3).

CLP 5941r. Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only.)

CLP 5942r. Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only.)

CLP 6169. Abnormal Psychology for Graduate Students (3).

CLP 6349r. Seminar in Clinical Theory (3).

CLP 6920r. Current Issues in Clinical Psychology (1). (S/U grade only.)

CLP 6944r. Clinical Practicum: Change of Behavior [one to three (1–3) hours each]. (S/U grade only.)
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<th>Course Code</th>
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<tbody>
<tr>
<td>CLP  6947r</td>
<td>Clinical Practicum: Change of Behavior [one to three (1–3) hours each]. (S/U grade only.)</td>
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<tr>
<td>PPE  5055</td>
<td>Personality Theory (3).</td>
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<tr>
<td>PSY  5325</td>
<td>Assessment I (3).</td>
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<tr>
<td>PSY  5326</td>
<td>Assessment II (3).</td>
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<tr>
<td>PSY  6940r</td>
<td>Psychological Clerkship (3–6). (S/U grade only.)</td>
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<tr>
<td>PSY  6946r</td>
<td>Psychology Internship (1–6). (S/U grade only.)</td>
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**Human Learning and Cognition**

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<tr>
<td>EXP  5508</td>
<td>Cognition and Perception (3).</td>
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<tr>
<td>EXP  5642</td>
<td>Psychology of Language (3).</td>
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<tr>
<td>EXP  6609r</td>
<td>Seminar in Higher Mental Processes (3).</td>
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<tr>
<td>EXP  6920r</td>
<td>Issues in Cognitive Science (1). (S/U grade only.)</td>
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**Life–Span Development**

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<tbody>
<tr>
<td>DEP  5165</td>
<td>Developmental Psychology (3).</td>
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**Psychobiology/Neuroscience**

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<tr>
<td>EXP  5406</td>
<td>Conditioning and Learning (3).</td>
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<tr>
<td>EXP  5717</td>
<td>Animal Psychophysics (3).</td>
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<tr>
<td>PCB  5845</td>
<td>Cell and Molecular Neuroscience (4).</td>
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<tr>
<td>PSB  5056</td>
<td>Biological Psychology (3).</td>
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<tr>
<td>PSB  5057</td>
<td>Neuroscience Methods: Molecules to Behavior (2). (S/U grade only.)</td>
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<tr>
<td>PSB  5077</td>
<td>Responsible Conduct of Research (2).</td>
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<tr>
<td>PSB  5216</td>
<td>Anatomy of the Nervous System (3).</td>
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<tr>
<td>PSB  5218L</td>
<td>Neuroanatomy Laboratory (1).</td>
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<tr>
<td>PSB  5231L</td>
<td>Comparative Neuroanatomy Laboratory (1).</td>
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<tr>
<td>PSB  5341</td>
<td>Systems and Behavioral Neuroscience (4).</td>
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<tr>
<td>PSB  6059r</td>
<td>Seminar in Physiological Psychology (3).</td>
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<tr>
<td>PSB  6070r</td>
<td>Current Problems in Neuroscience (2). (S/U grade only.)</td>
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<tr>
<td>PSB  6920r</td>
<td>Neuroscience Colloquium (1). (S/U grade only.)</td>
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<tr>
<td>PSB  6933r</td>
<td>Seminar in Neuroscience (1–2).</td>
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**Social**

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<tr>
<td>SOP  5053</td>
<td>Social Psychology (3).</td>
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<tr>
<td>SOP  6848r</td>
<td>Seminar in Psychology and Law (3).</td>
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<tr>
<td>SOP  6920r</td>
<td>Current Issues in Social Psychology (1). (S/U grade only.)</td>
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<tr>
<td>SOP  6939r</td>
<td>Seminar in Social Psychology (3).</td>
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**Multiple Area Courses**

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<tbody>
<tr>
<td>PSY  5908r</td>
<td>Directed Individual Study (1–3). (S/U grade only.)</td>
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<tr>
<td>PSY  5916r</td>
<td>Selected Research Topics (3).</td>
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<tr>
<td>PSY  5917r</td>
<td>Supervised Research (1–5). (S/U grade only.)</td>
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<tr>
<td>PSY  5947r</td>
<td>Supervised Teaching (1–5). (S/U grade only.)</td>
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<tr>
<td>PSY  5973r</td>
<td>Thesis (1–6). (S/U grade only.)</td>
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<tr>
<td>PSY  6656r</td>
<td>Preliminary Examination Preparation (1–9). (S/U grade only.)</td>
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<tr>
<td>PSY  6919r</td>
<td>Seminar in Current Research Topics (1–3).</td>
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For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the *Graduate Bulletin*. 

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*Psychology 321*

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*Academic Programs*
Public administration courses often serve well as an area of specialization within other degree programs. The study of public administration adds a dimension to career competencies, enhancing the student’s career mobility, flexibility, and opportunities.

Additional information (such as handbooks and syllabi) is available on the Askew school’s home page: http://askew.fsu.edu.

### Definition of Prefixes

- **PAD** — Public Administration
- **POS** — Political Science

### Undergraduate Courses

**PAD 3003.** Public Administration in American Society (3). A general introductory course in public administration. Management of large-scale government bureaucracies including law, organization, career systems, and financing. The role of bureaucracies in modern society in the formulation and implementation of public policy.

**PAD 3013.** Future Studies (3). This course applies futuristic studies perspectives and methods to the study of societal trends and conditions. Emphasis is on the development of anticipatory public policy.

**PAD 3931r.** Selected Topics in Public Administration (1–6). Varying topics. Contact school. May be repeated to a maximum of nine (9) semester hours.

**PAD 3941r.** Public Service Internship (3–6). (SU grade only.) Prerequisite: PAD 3003 or equivalent. Participant observation of the administration of policy in public service organizations. Internship with faculty supervision, on-campus seminars, discussion papers. May be repeated to a maximum of six (6) semester hours.

**PAD 4414.** American Public Service (3). Structure and political role of the civil service, evolution of government employment, current personnel policies, rights and responsibilities of public servants, and labor management relations. The impact of the public service on American society is explored.

**PAD 4456.** Quality Management Systems (3). Addresses the theory, design, and implementation of quality management systems in public organizations compared to that in other sectors of the economy. Examines the need for and origins of quality management philosophies, techniques, transition strategies, case studies, and future scenarios. May be repeated to a maximum of six (6) semester hours.

**PAD 4603.** Administrative Law (3). Study of the constitutions, statutes, executive orders, and procedures that control the administrative authorities of government. (Also offered by the Department of Political Science.)

**PAD 4606.** American Legal Systems (3). This course is an overview of American legal systems. Topics include the interrelationships between law and social sciences, the nature of legal systems, how to read and analyze a court case, interpret statutes, and analysis of important legal controversies.

**PAD 4712.** Information Resource and Communication Management (3). This course in communications, information resource management, and information technologies is aimed at administrators in the publication and not-for-profit sectors. It deals with the basics of information technologies, organizational and other communications or information exchange networks; the interaction of government and non-profits with clients, citizens, other agencies or institutions; and the virtual state.

**PAD 4803.** Local Government Administration (3). An introduction to administrative problems and processes in municipal, county, and special district governments.

**PAD 4905r.** Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

**PAD 4936r.** Special Topics in Public Administration (3). Topics will vary. May be repeated to a maximum of nine (9) semester hours.

**POS 4413.** The American Presidency (3). The roles of the American president, especially their relationship to government administration. (Also offered by the Department of Political Science.)

### Graduate Courses

**PAD 5035.** Policy Development and Administration (3).

**PAD 5041.** Public Service Ethics (3).

**PAD 5050.** The Profession of Public Administration (3).

**PAD 5106.** Public Organizations (3).

**PAD 5227.** Managing Public Financial Resources (3).

**PAD 5275.** Political Economy of Public Administration (3).

**PAD 5227.** Program Evaluation (3).

**PAD 5335.** Strategic Leadership for Communities (3).

**PAD 5352.** Environmental Policy and Management (3).

**PAD 5397.** Fundamentals of Emergency Management (3).

### Graduate Programs

Graduate study provides professional preparation for careers in government, higher education, private consulting, and in non-profit organizations, and can be pursued in several ways. The school offers two graduate degree programs: the fully-accredited master of public administration (MPA), and the doctor of philosophy (PhD) in public administration. The MPA program prepares students for professional management and policy roles in a variety of public sector and nonprofit environments. The doctorate is a research degree designed to prepare students for college and university teaching, advanced research, and advanced administrative practice.

The school also offers dual degrees with the College of Law (MPA/JD), the School of Social Work (MPA/MSW), the School of Criminology and Criminal Justice (MPA/MSC), the Department of Urban and Regional Planning (MPA/UP), and the interdisciplinary program in the College of Social Sciences in Health Policy Research (MPA/MS). Consult the Graduate Bulletin for details of the programs and courses offered.

### College of Social Sciences

**Director:** Frances S. Berry; **Professors:** Askew, Berry, Bowman, Bradley, deHaven-Smith, Feiock, Guy, Klay, Reid; **Associate Professors:** Brower, Coursey; **Assistant Professors:** McCreary, Wolfson, Yang; **Visiting Professors and Adjunct Faculty:** Crisp, Long, Lynch, Parry Rosenzweig, Shane, Sheffield; **Professors Emeriti:** Chackerman, Grizzle, Hartsfield, Page, Sherwood, Waldby

The Reuben O’D. Askew School of Public Administration and Policy is one of the most highly ranked schools of its type in the nation. The school does not offer a major to undergraduate students, but it does offer a minor as well as a concentration in the Interdisciplinary Program in Social Science (ISS). For more information on the ISS, please contact the College of Social Sciences, Office of the Dean.

A minor in public administration is available to students in all majors except political science, where undergraduate courses in public administration are applied directly to the political science major. For other students, the minor in public administration consists of four courses, totaling twelve (12) semester hours, that are passed with a grade of “C” or better. Courses should be approved by the school in consultation with the student. Topics in regularly scheduled undergraduate classes include:

- Public administration in American society
- Budgets and finances in managing public affairs
- American public service
- Administrative law
- Local government administration
- American legal systems
- Selected topics in public administration
- Directed individual study (faculty approval required)

Civic and non-profit management

One of the following Department of Political Science courses may be substituted for one of the above:

- Civic and non-profit management

The school, upon application from the student, recognizes successful completion of requirements for the undergraduate minor with a certificate that indicates the student’s understanding of public administration, including the role of government agencies in society and administrative processes. In order to qualify for the certificate, the student must pass four courses, totaling twelve (12) semester hours, with a grade of “C” or better. Courses must be approved by the school in consultation with the student. If approved by the director of undergraduate studies, some transfer credits may be accepted. The certificate credential is not intended as a diploma or degree.

The application procedure requires that students notify the school of their intention to complete a minor and that they wish to receive a certificate upon successful completion of the required twelve (12) semester hours. Students may do this prior to or following completion of the minor. It is recommended that the student check with the director of graduate studies to be sure courses taken will apply to the certificate.

Both degree-seeking and special students are eligible for the undergraduate certificate program.

### Graduate Programs

Graduate study provides professional preparation for careers in government, higher education, private consulting, and in non-profit organizations, and can be pursued in several ways. The school offers two graduate degree programs: the fully-accredited master of public administration (MPA), and the doctor of philosophy (PhD) in public administration. The MPA program prepares students for professional management and policy roles in a variety of public sector and nonprofit environments. The doctorate is a research degree designed to prepare students for college and university teaching, advanced research, and advanced administrative practice.

The school also offers dual degrees with the College of Law (MPA/JD), the School of Social Work (MPA/MSW), the School of Criminology and Criminal Justice (MPA/MSC), the Department of Urban and Regional Planning (MPA/UP), and the interdisciplinary program in the College of Social Sciences in Health Policy Research (MPA/MS). Consult the Graduate Bulletin for details of the programs and courses offered.
College of Arts and Sciences chapter of this College Requirements and interests.

Students are encouraged to take advantage of the University's international programs, especially those in London and Florence. A concentration in religion provides the opportunity to acquire a broad liberal arts education, as the study of religion involves exposure to a wide variety of different cultural expressions and methods of analysis. While covering a wide range of religious phenomena and the religious traditions of the world and the religious dimensions of human life. While covering a wide range of religious phenomena and the interaction of religion with other cultural forms, there are particular concentrations in the religions of western antiquity, religions of Asia, religion in America, and religion, ethics and philosophy.

Located in the humanities area of the College of Arts and Sciences, the department participates actively in the University's liberal studies program. A number of religion courses are approved for humanities credit in liberal studies and for literature and multicultural requirements. The department is housed in Dodd Hall. The facilities of the department include a small library of standard reference works for the use of religion students.

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

State of Florida Common Course Prerequisites

No statewide common course prerequisites have been identified for this program.

Though no statewide prerequisites are required, faculty in this program recommend that students take several courses with REL prefix at the lower level.

Degree in Religion

Major

To complete a bachelor of arts (BA) degree with a major in religion, a student must take (in addition to other college requirements) thirty (30) semester hours of religion courses. For purposes of the major requirement, religion courses are divided into the following three (3) areas:

Western: REL 2121, 2210, 2243, 3128, 3146, 3280, 3293r, 3363, 3370, 3430, 3505, 3600, 4203r, 4290r, 4320r, 4323, 4324, 4511, 4541, 4564, 4611, 4613, 4671, 4914r;

Asian: REL 2315, 2350, 3316, 3335, 3337, 3340, 3358, 4333, 4359r, 4908r, 4912r;

Issues and Approaches: REL 3142, 3145, 3170, 3177r, 3191, 3194; PHI 3700.

Note: The areas in which REL 3936r, 4190r, 4304r, 4491r, 4905r and 4932r fall depend on the topic. Students should inquire at the department office for a current list of all courses and their areas.

Majors must take at least three (3) semester hours in each of the three areas listed above. In addition, at least eighteen (18) semester hours must be at the 3000/4000 level, of which six (6) hours must be numbered 3936 or above. Majors must take at least one religion course with a seminar format (either a course listed as a seminar or one approved as such by the department). REL 1300 is not applicable toward the requirements for the major. Courses in which the student receives a grade below “C−” will not be counted toward the major.

To be eligible for graduation, students majoring in religion must complete an exit interview or survey.

Minor

The religion major requires the completion of a minor in another department or program.
Honors in the Major

The Department of Religion offers an honors program in religion to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Joint Major in Religion and Classics

The departments of Religion and Classical Languages, Literature, and Civilization cooperate in a joint major designed for students with a special interest in religion in the ancient world. Students interested in this program should discuss it with the undergraduate director of either department.

Cooperation with Other Programs and Departments

Because religion touches many facets of human life, the study of religion is inherently interdisciplinary. The department therefore participates in a number of interdepartmental programs, including the following: American Studies, African American Studies, Humanities, and Women’s Studies. In addition, students of religion will find related courses in other departments, including Anthropology; Art History; Classical Languages, Literature, and Civilization; English; History; Philosophy; and Sociology. Students undertaking a major or minor in religion should discuss such courses with the undergraduate adviser in religion.

Minor in Religion

Students majoring in other disciplines and wishing to minor in religion must take a minimum of twelve (12) semester hours in the religion curriculum. At least six (6) semester hours of credit must be earned in courses at the 3000 level or higher. REL 1300 is not applicable toward the requirements for the minor. Courses in which the student receives a grade below “C–” will not be counted toward the minor.

Definition of Prefixes

HBR—Modern Hebrew Language
PHI—Philosophy
REL—Religion
SAL—South Asian Languages

Undergraduate Courses

HBR 1102, 1103. Beginning Hebrew I, II (4, 4). Introduction to the basic grammar, syntax, and phonology of modern and classical Hebrew. Meets the foreign language requirement for the BA degree. No language laboratory required.
PHI 3700. Philosophy of Religion (3). Philosophical analysis of major problems in religion: religious language, faith, revelation, existence and nature of God, immortality. Also offered at the graduate level.
REL 1300. Introduction to World Religions (3). A survey of the major living religious traditions of the world, with attention to their origins in the ancient world and their classic beliefs and practices.
REL 2210. Introduction to the Old Testament (3). The history, religious thought, and social institutions of ancient Israel as reflected primarily in its literature.
REL 2315. Religions of South Asia (3). History and culture of the religious traditions of South Asia. A study of the manifestations of Hinduism, Buddhism, Jainism, Islam, Sikhism, and Christianity in India, Pakistan, Bangladesh and Sri Lanka.
REL 2350. Religions of East Asia (3). An introduction to the history, thought and practice of religion in China, Korea, and Japan. Confucianism, Taoism, Buddhism, and popular religious traditions from ancient through modern times are covered.
REL 3054. Critics of Religion (3). This course is an introduction to the major thinkers and texts in the critique of religion from the 19th and 20th centuries in the west. Beginning with Schleiermacher, the course moves on to consider the so-called “master’s of suspicion” — Feuerbach, Marx, Nietzsche, and Freud. By means of a close examination of central texts, students explore the meaning of a critique of religion, the structure of religious consciousness, the place of religion with respect to other forms of culture, the problem of religion and alienation, and the possibility of a critical faith.
REL 3182r. Topics in Religion in the Americas (3). Prerequisite: REL 2121 or instructor’s consent. May be repeated to a maximum of six (6) semester hours.
REL 3142. Religion, the Self, and Society (3). Interpretation of religious phenomena by the major social theorists of modern times. The course is divided into two parts: 1) the psychology of religion and 2) the sociology of religion.
REL 3143r. Gender and Religion (3). A consideration of the impact of gender on religion. Includes cross-cultural studies, theoretical works, and gender issues within religious traditions.
REL 3146. Gender and the Bible (3). Examination of female figures and images of the Holy in survey of the various approaches to feminist analysis. Special attention will be given to the production of knowledge about gender in biblical history.
REL 3170. Religious Ethics and Moral Problems (3). A discussion of contemporary moral problems such as deception, sexual activities and relations, and capital punishment from the standpoints of major religious traditions.
REL 3180r. Topics in Ethics (3). Consideration of themes and problems in modern ethics. May be repeated to a maximum of nine (9) semester hours.
REL 3191. Death and Dying (3). Practical and theoretical perspectives on the critical dimensions of death as it is experienced in modern society.
REL 3194. The Holocaust (3). An examination of the origins, the process, and the consequences of the destruction of the European Jews during World War II.
REL 3280. Biblical Archaeology (3). Introduction to archaeological methods and excavation results in the region of Syro-Palestine. Archaeological data is viewed alongside narrative reports in biblical literature.
REL 3293r. Topics in Biblical Studies (3). Prerequisite: REL 2210, 2243 or instructor’s permission. Selected topics dealing with biblical writings in their ancient historical contexts and/or their interpretation in later periods. May be repeated to a maximum of nine (9) semester hours.
REL 3335r. Hindu Texts and Contexts (3). A study of selected Hindu scriptures, their commentarial traditions, and their religious and cultural contexts. Topics vary; may include Vedas, Upanishads, bhakti poetry, Ramayana, Blaugavat Gita, etc. May be repeated to a maximum of nine (9) semester hours.
REL 3340. The Buddhist Tradition (3). A survey of the Buddhist tradition from its beginnings through the modern period. Some attention to its contemporary forms.
REL 3358. Tibetan and Himalayan Religions (3). Historical and thematic survey of the religions of Tibet and the Himalayas, including Nepal, Bhutan, and Sikkim. The course emphasizes significant facets of this region’s rich cultural heritage, including religion, literature, art, and politics.
REL 3363. The Islamic Tradition (3). An introduction to the basic terms and history of the religious tradition of Islam.
REL 3375. Afro-Caribbean Religions (3). A survey of the roots and current manifestations of the religions of the African diaspora, with a focus upon both the Caribbean and Latin America. Special attention will be given to Vodou and Santeria.
REL 3400r. Issues and Thinkers in Western Religious Thought (3). An introduction to the Western tradition of religious thought as illustrated by the writings of some of its greatest representatives. Readings in such primary sources as Augustine, Dante, Erasmus, Luther, Pascal, Hegel, and Kierkegaard.
REL 3403. Religion and Science (3). Historical and philosophical analysis of major questions in the relationship between religion and science.
REL 3505. The Christian Tradition (3). The major beliefs, practices, and institutional forms of Christianity in historical perspective.
REL 3607r. The Jewish Tradition (3). A survey of the varieties of institutional structures, beliefs, and religious practices of post-biblical Judaism in their historical contexts.
REL 3936r. Special Topics in Religion (1–3). May be repeated to a maximum of nine (9) semester hours.
REL 4290r. Undergraduate Religion and Culture Seminar (3). Problems and issues in religion and culture. Topics vary. Intended for advanced undergraduate students. Permission of the instructor required. May be repeated to a maximum of nine (9) semester hours.
REL 4293r. Undergraduate Biblical Studies Seminar (3). Advance work in biblical studies for undergraduates. Topics vary. Permission of the instructor required. May be repeated to a maximum of twelve (12) semester hours.
REL 4299r. Undergraduate Biblical Studies Seminar (3). Advanced work in biblical studies for undergraduates. Topics vary. Permission of the instructor required. May be repeated to a maximum of twelve (12) semester hours.
REL 4303r. Undergraduate History of Religions Seminar (3). Problems and issues in the history of religions. Topics vary. Intended for advanced undergraduate students. Permission of the instructor is required. May be repeated to a maximum of nine (9) semester hours.
REL 4303r. Undergraduate History of Religions Seminar (3). Problems and issues in the history of religions. Topics vary. Intended for advanced undergraduate students. Permission of the instructor is required. May be repeated to a maximum of nine (9) semester hours.
REL 4304r. Undergraduate History of Religions Seminar (3). Problems and issues in the history of religions. Topics vary. Intended for advanced undergraduate students. Permission of the instructor is required. May be repeated to a maximum of nine (9) semester hours.
REL 4304r. Undergraduate History of Religions Seminar (3). Problems and issues in the history of religions. Topics vary. Intended for advanced undergraduate students. Permission of the instructor is required. May be repeated to a maximum of nine (9) semester hours.
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RESEARCH AND EVALUATION: see Educational Psychology and Learning Systems RESEARCH DESIGN AND STATISTICS: see Educational Psychology and Learning Systems Rhetoric: see English

Department of
RISK MANAGEMENT/INSURANCE AND REAL ESTATE AND PROGRAM IN BUSINESS LAW

College of Business

Chair: Dean H. Gatzlaff; Professors: Boggs, Carson, Corbett, Diskin, Eastman, Gatzlaff, Maroney, Sirmans, Stauber; Associate Professor: Dunm; Assistant Professors: Cole, Hall, Holmes, McCullough; Associate in Business Law and Real Estate: Woodyard; Assistant in Real Estate: Bailey; Payne H. and Charlotte Hodges Midyette Eminent Scholar in Risk Management and Insurance: Carson; Robert L. Atkins Memorial Professor in Risk Management and Insurance: Eastman; Kenneth G. Bahelle Mark C. Bane Professor of Real Estate: Sirmans; Mark C. Bane Professor in Business Administration: Gatzlaff; Kathryn Magee Kip Professor: Maroney; Independent Life & Accident Insurance Company Professor: Corbett.

The Risk Management/Insurance and Real Estate degree programs are designed to meet the academic needs of professional insurance, risk management, and real estate practitioners. The term “profession” connotes an occupation requiring advanced education and training and the ability to meet standards deemed desirable for the protection of the public.

The Business Law curriculum is a nondegree, service program serving all students in the College of Business. A basic knowledge of business law is essential to the successful transaction of business and economic affairs. Advanced and specialized courses are available to students who wish a more comprehensive knowledge of business law in relation to such fields as accounting, finance, insurance, and real estate.

For information on graduate programs, refer to the Graduate Bulletin.

State of Florida Common Course Prerequisites
The State of Florida has identified common course prerequisites for this department’s University degree programs. Specific prerequisites are required for admission into these upper-division programs and must be completed by the student at either a community college or a state university prior to being admitted to these programs. Students may be admitted into the University without completing the prerequisites, but may not be admitted into these programs.

The following lists the common prerequisites or their substitutions necessary for admission into these upper-division degree programs:

Risk Management/Insurance
1. ACG X021, or ACG X001 and ACG X011; 2. ACG X071; 3. CGS X100*; 4. ECO X013; 5. ECO X023; 6. MAC X233 or MAC X230; 7. STA X023 or QMB X100.
Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Real Estate
1. ACG X021, or ACG X001 and ACG X011; 2. ACG X071; 3. CGS X100*; 4. ECO X013;
Degree Programs

Risk Management/Insurance Program

The objective of the curriculum in risk management/insurance is to acquaint the student with the effects of risk and uncertainty upon business and society. The analysis of risk and the methods of meeting risk, as necessary tools of business management, are placed in proper perspective as parts of a broad business curriculum.

Students may coordinate their academic programs with the licensing examinations of the state of Florida and with the professional examinations of the Chartered Property and Casualty Underwriters (CPCU) program, the Chartered Life Underwriters (CLU) program, and other professional programs.

Requirements for a Major in Risk Management/Insurance

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common course prerequisites for risk management/insurance majors; 3) the general business core requirements for risk management/insurance majors; 4) the general business breadth requirements for risk management/insurance majors; and 5) the major area requirements for risk management/insurance majors.

Note: to be eligible to pursue a risk management/insurance major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All risk management/insurance majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal Environment of Business (3).
- FIN 3403 Financial Management of the Firm (3).
- GEB 3213 Business Communications (3).
- MAN 3240 Organizational Behavior (3).
- MAR 3023 Basic Marketing Concepts (3).

General Business Breadth Requirements

All risk management/insurance majors must complete five courses as follows. Each course selected must be completed with a grade of “C–” or better.

- REE 3043 Real Estate (3).
- RMI 3011 Risk Management and Insurance (3).

Plus three (3) electives from the following list of courses:

- HFT 3240 Managing Service Organizations (3).
- ISM 3011 Introduction to Management Information Systems (3).
- MAN 3504 Services Operations Management (3).
- MAN 3600 Multinational Business Operations (3).
- MAN 4720 Strategic Management and Business Policy (3).
- MAR 3700 Professional Selling (3).
- QMB 3200 Quantitative Methods for Business Decisions (3).

Major Area Requirements

All risk management/insurance majors must complete six (6) courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the risk management/insurance major area requirements.

- RMI 4115 Life Insurance Products (3).
- RMI 4224 Property and Casualty Insurance Products (3).
- RMI 4292 Property and Casualty Insurance Operations (3).
- RMI 4347 Commercial Risk Management (3).

Plus at least two (2) electives from the following list of courses:

- RMI 4135 Employee Benefit Plans (3).
- RMI 4295 Advanced Property and Casualty Insurance (3).
- RMI 4420 Legal and Political Aspects of Insurance (3).

Students also should consider completing RMI 4308r, Seminar in Risk and Its Control (3); topics in this course vary by term. Selection of electives should be made after consultation with a faculty adviser in order to satisfy the student’s interests and to qualify the student for the state licensing examination and professional designations.

Real Estate Program

The real estate program provides a foundation for students seeking a broad understanding of the real estate market and its participants. Students are introduced to such concepts as urban economics, market behavior, valuation, finance, investment analysis, and real estate law. In general, the curriculum is designed to develop the fundamental skills necessary to make effective real estate business, investment, and consumption decisions. More specifically, the program equips students to enter a wide variety of real estate related professions (e.g. investment and portfolio analysis, institutional lending and mortgage banking, brokerage, appraisal, property management, and property development).

Completion of the real estate major meets or exceeds the educational requirements necessary to take the state examinations required to receive the real estate sales associate license in Florida. In addition to the real estate major, the state’s Uniform Standards for Professional Appraisal Practice (USPAP) course must be completed to take the state examinations for appraisal certification in Florida.

Requirements for a Major in Real Estate

All students must complete 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common course prerequisites for real estate majors; 3) the general business core requirements for real estate majors; 4) the general business breadth requirements for real estate majors; and 5) the major area requirements for real estate majors.

Note: To be eligible to pursue a real estate major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All real estate majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal Environment of Business (3).
- FIN 3403 Financial Management of the Firm (3).
- GEB 3213 Business Communications (3).
- MAN 3240 Organizational Behavior (3).
- MAR 3023 Basic Marketing Concepts (3).

General Business Breadth Requirements

All real estate majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

- REE 3043 Real Estate (3).
- RMI 3011 Risk Management and Insurance (3).

Plus three (3) electives from the following list of courses:

- HFT 3240 Managing Service Organizations (3).
- ISM 3011 Introduction to Management Information Systems (3).
- MAN 3504 Services Operations Management (3).
- MAN 3600 Multinational Business Operations (3).
- MAN 4720 Strategic Management and Business Policy (3).
- MAR 3700 Professional Selling (3).
- QMB 3200 Quantitative Methods for Business Decisions (3).

Major Area Requirements

All real estate majors must complete five (5) courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the real estate major area requirements.

- REE 4103 Real Estate Appraisal (3).
- REE 4143 Real Estate Market Analysis (3).
Interdisciplinary Program in Russian and East European Studies

Director: Ijubisa S. Adamovich (Economics); Professors: Adamovich (Economics), Launer (Modern Languages and Linguistics), Macesich (Economics), Oldson (History), Wynot (History); Associate Professor: Efimov (Modern Languages and Linguistics); Assistant Professors: Grant (History), Romanchuk (Modern Languages and Linguistics), Wakamya (Modern Languages and Linguistics); Visiting Professor: Metcalf (Political Science)

The Interdisciplinary Program in Russian and East European Studies is an international area studies program that is designed to develop a student's competence in the language, history, culture, and the contemporary political and economic setting of a particular country or cultural region. This area studies program is focused on Russia and Eastern Europe. A major or minor in this program serves the needs of 1) general liberal arts students who wish to learn more about this important area of the world; 2) students who wish to pursue graduate work in this or related fields; and 3) students who seek employment in or related to Russia or Eastern Europe. This program also combines area- or country-specific courses, which give students the needed cultural immersion, with more general comparative courses, which provide them with the necessary intellectual tools, the concepts and theories, to make sense out of their particular disciplinary concentrations. Students are to select language and thematic specializations in line with their intellectual interests and career goals and design their program of study around them.
Requirements

Students majoring in the program are to construct their study program around four components: 1) a language requirement; 2) a history requirement; 3) area-specific course work that emphasizes one of two tracks; and 4) a concepts and theories tool requirement to be fulfilled in the student’s major track. The total hour requirements for a major are a minimum of twelve (12) semester hours in an approved area language plus an additional thirty-six (36) semester hours beyond the liberal studies requirements (with a grade of “C” or better in each course) distributed across the history requirement and the two tracks. As an interdisciplinary program, no minor is required.

 Majors must complete the basic university computer competency requirement. CGS 2060 with a grade of “C–” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu/ for more information.

Language Requirement

All students are required to take twelve (12) semester hours of course work in a relevant area language (Russian, German, Czech, Serbo-Croatian, or some other East European language). Students will be encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on The Florida State University campus or by participating in a semester or summer abroad program in their relevant cultural area that is administered by, affiliated with, or approved by The Florida State University. As such programs become available. To encourage the achievement of language proficiency, language course work hours taken beyond the twelve (12) semester hour minimum will be counted towards the required thirty-six (36) semester hours for the major.

History Requirement

Students are required to take a minimum of six (6) semester hours of work in the Russian and East European history courses listed below.

Major and Minor Track Requirements

Students are to select either the social science track or the arts and humanities track as the major focus of their course work. Students are to take a minimum of twelve (12) semester hours of course work from among those area specific courses listed for their major track and a minimum of six (6) semester hours of course work from among those area specific courses listed for their minor track.

Concepts and Theories Tool Requirement

For each of the two tracks, a larger number of concepts and theories courses are listed, selected from the relevant disciplines. Students are to take a minimum of six (6) semester hours of course work from among those courses listed for their major track. Students should select these courses with some care, and in consultation with the program director. Courses should be narrowly focused on one or possibly two academic disciplines most relevant to the student’s primary Russian and East European-related interests and career goals.

Minor

Students minoring in the program must complete eighteen (18) semester hours of Russian and East European course work beyond the liberal studies requirement. In this case none of the broader comparative concepts and theories courses will count towards the eighteen (18) semester hour minimum. Students may select freely from any area specific courses so long as at least three (3) semester hours are taken in history and each of the two tracks.

Approved Courses

Russian and East European History

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>EUH 2035</td>
<td>Hitler and Stalin: Their Era and Legacies (3)</td>
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<td>EUH 3551</td>
<td>Modern Poland (3)</td>
</tr>
<tr>
<td>EUH 3571</td>
<td>Russia to Nicholas I (3)</td>
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<tr>
<td>EUH 3572</td>
<td>History of Russia: 1825 to the Present (3)</td>
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<td>EUH 4242</td>
<td>World War I: Europe 1900-1918 (3)</td>
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<td>EUH 4282</td>
<td>Europe in the Cold War and Detente (3)</td>
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<tr>
<td>EUH 4331</td>
<td>East-Central Europe from 1815 to Present (3)</td>
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Social Science Track—Area Specific

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<tr>
<td>EUH 4332</td>
<td>Balkans Since 1700 (3)</td>
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<td>EUH 4574</td>
<td>19th-Century Russia (3)</td>
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<td>EUH 4576</td>
<td>20th-Century Russia (3)</td>
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<td>WOH 4244</td>
<td>World War II (3)</td>
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Social Science Track—Comparative Concepts and Theories

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<tr>
<td>CPO 3614</td>
<td>East European Politics (3)</td>
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<td>CPS 4321</td>
<td>Contemporary Policy Studies: Contemporary Southeast Europe (3)</td>
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<td>ECS 4333</td>
<td>Transition of Soviet and Eastern European Economies (3)</td>
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<td>GEA 4500</td>
<td>Europe (3)</td>
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<td>GEA 4554</td>
<td>Russia and Southern Eurasia (3)</td>
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<td>INR 4083</td>
<td>International Conflict (3)</td>
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Social Science Track—Comparative Concepts and Theories

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<tr>
<td>CPO 2002</td>
<td>Introduction to Comparative Government and Politics (3)</td>
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<td>ECO 2000</td>
<td>Introduction to Economics (3)</td>
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<td>ECO 2013</td>
<td>Principles of Macroeconomics (3)</td>
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<td>ECO 2023</td>
<td>Principles of Microeconomics (3)</td>
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<td>ECO 3303</td>
<td>History of Economic Ideas (3)</td>
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<td>ECO 4704</td>
<td>International Trade (3)</td>
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<td>ECO 4713</td>
<td>International Finance (3)</td>
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<td>ECS 3003</td>
<td>Comparative Economic Systems (3)</td>
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<td>GEA 1000</td>
<td>World Geography (3)</td>
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<td>Introduction to International Relations (3)</td>
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<td>Theories of International Relations (3)</td>
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<td>INR 4702</td>
<td>Political Economy of International Relations (3)</td>
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<td>MAN 3600</td>
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Arts and Humanities—Area Specific

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Arts and Humanities—Comparative Concepts and Theories

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<td>ARH 3056</td>
<td>History and Criticism of Art I (3)</td>
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Interdisciplinary Major in SECONDARY SCIENCE AND/OR MATHEMATICS TEACHING (SSMT)

COLLEGE OF ARTS AND SCIENCES

Director and Adviser: Dr. Ellen Granger, Office of Science Teaching Activities

This interdisciplinary major is designed to address the critical shortage of science and mathematics teachers in the state of Florida. Students completing this four-year program will receive a bachelor of science (BS) degree from the College of Arts and Sciences and are qualified for certification to teach in high schools in Florida and for national certification.

The SSMT program includes several unique features: 1) The condensed pedagogy component frees students to take additional courses in their areas of specialty; 2) In most cases, a student will be certified to teach in two areas. This feature prepares teachers for the reality of the secondary school environment, where teachers are often required to teach more than one subject; and 3) A seminar course addresses specific problems and issues related to science and mathematics teaching at the secondary level.

Students must complete a basic science/math core and courses from one of the six specialty tracks (mathematics/physics, physics/chemistry, physics/earth-space science, biology/chemistry, biology/earth-space science, mathematics/statistics). Each specialty track has been certified as an approved teacher education program by the Florida Department of Education.

Students may obtain a double major by completing the major requirements for any of the individual science or math departments in addition to the program listed below. In most cases, the second major requires about twenty-one (21) to twenty-six (26) additional semester hours in the department granting the second major, as opposed to a minimum of thirty (30) semester hours of work, should the student decide to obtain a second degree after graduation.

All students must complete the University’s liberal studies requirements, including computer and oral competency, core courses, and one of the specialty tracks.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

Undergraduate Courses

EUS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.
EUS 4970r. Honors Thesis (1–4). Six (6) hours of credit must be taken in two (2) successive semesters and must result in the production of a thesis. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

EUS 5906r Directed Individual Study (1–3). (S/U grade only.)
EUS 5910r Supervised Research (1–3). (S/U grade only.)

For listings relating to graduate course work for thesis and master’s examination and defense, consult the Graduate Bulletin.

SANSKRIT: see Religion

SCIENCE: see Secondary Science and/or Mathematics Teaching

SCIENCE EDUCATION: see Middle and Secondary Education

1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.
5. Plus the following general program prerequisites:
   a. MAC X114;
   b. MAC X140;
   c. Fifteen (15) semester hours in the science/mathematics area of specialization. Contact department for details.

The Common Course Prerequisites listed above apply to each of the seven tracks in secondary science/math teacher education.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG 2701, the student must take six (6) additional hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Note: Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences notes above.

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.
refer to the ‘Planning Guide to Teacher Education Program’ section in the “College of Education” chapter of this General Bulletin. Contact the program director for details.

Secondary Science and/or Mathematics Track I:
Biology/Chemistry

1. Liberal Studies:
   See the 'Teacher Preparation General Education' section of the “College of Education” chapter in this General Bulletin and the State of Florida Common Course Prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   - BSC 2010 Biological Science I (3)
   - BSC 2010L Biological Science I Laboratory (1)
   - CHM 1045C General Chemistry I (4)
   - PHY 2048C General Physics A (5)
   - PHY 2053C College Physics A (4)

3. Modern Language: twelve (12) semester hours (department depends on language selected).

4. Education Core:
   - EDF 4210 Educational Psychology: Developing Learners (3)
   - EDF 4430 Classroom Assessment (3)
   - EME 2040 Introduction to Educational Technology (3)
   - RED 4335 Content Area Reading for Secondary School Teachers (3)
   - SCE 4939r Seminar in Contemporary Science, Mathematics, and Science Education (1)
   - TSL 4324 ESOL Instruction in the Content Area (3)

5. Advanced Courses Required for Specialization:
   - BSC 2086 Anatomy and Physiology II (3)
   - PCB 2099 Human Physiology (3)

Secondary Science and/or Mathematics Track II:
Biology/Earth-Space Science

1. Liberal Studies:
   See the 'Teacher Preparation General Education' section of the “College of Education” chapter in this General Bulletin and the State of Florida Common Course Prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   - BSC 2010 Biological Science I (3)
   - BSC 2010L Biological Science I Laboratory (1)
   - CHM 1045C General Chemistry I (4)
   - ISC 3076 Science, Technology, and Society (3)
   - PHI 3400 History and Philosophy of Science (3)

3. Modern Language: twelve (12) semester hours (department depends on language selected).

4. Education Core:
   - EDF 4210 Educational Psychology: Developing Learners (3)
   - EDF 4430 Classroom Assessment (3)
   - EME 2040 Introduction to Educational Technology (3)
   - RED 4335 Content Area Reading for Secondary School Teachers (3)
   - SCE 4939r Seminar in Contemporary Science, Mathematics, and Science Education (1)
   - TSL 4324 ESOL Instruction in the Content Area (3)

5. Advanced Courses Required for Specialization:
   - MAS 3301 Introduction to Modern Algebra (4)
   - PCB 2099 Human Physiology (3)
### Secondary Science and/or Mathematics Track IV: Mathematics/Statistics

1. **Liberal Studies:**
   - See the ‘Teacher Preparation General Education’ section of the “College of Education” chapter in this **General Bulletin** and the State of Florida Common Course Prerequisites listed above.

2. **Science/Math Core (includes liberal studies, natural science):**
   - **BSC 2010** Biological Science I (3)
   - **CGS 3408** Introduction to Programming with the C Language (3) (Optional)
   - **CHM 1045C** General Chemistry I (4)
   - **PHY 2048C** General Physics A (5)
     - **AND**
   - **ISC 3076** Science, Technology, and Society (3)
     - **OR**
   - **PHI 3400** History and Philosophy of Science (3)

3. **Modern Language:** Twelve (12) semester hours (department depends on language selected).

4. **Education Core:**
   - **EDF 4210** Educational Psychology: Developing Learners (3)
   - **EDF 4430** Classroom Assessment (3)
   - **EME 2040** Introduction to Educational Technology (3)
   - **RED 4335** Content Area Reading for Secondary School Teachers (3)
   - **SCE 4939r** Seminar in Contemporary Science, Mathematics, and Science Education (1)

5. **Advanced Courses Required for Specialization:**
   - **BCH 3023C** Introduction to Biochemistry (3)
     - **AND**
   - **BCH 4053** General Biochemistry I (3)
   - **CHM 1046** General Chemistry II (3)
   - **CHM 1046L** General Chemistry II Laboratory (0)
   - **CHM 2210** Organic Chemistry I (3)
   - **CHM 3400** General Physical Chemistry (4)
   - **MAC 2311** Calculus with Analytic Geometry I (4)
   - **MAC 2312** Calculus with Analytic Geometry II (4)
   - **PHY 2049C** General Physics B (5)
   - **PHY 3101** Intermediate Modern Physics (3)
   - **PHY 3424** Optics (3)
   - **PHY 3802L** Intermediate Laboratory A (1)
     - **Choice of:**
   - **MAP 3305** Engineering Mathematics A (1)
     - **AND**
   - **PHY 3221** Intermediate Mechanics (3)
     - **AND**
   - **CHM 2211** Organic Chemistry II (3)

   *Although a variable credit course, the number in parentheses represents the Secondary Science and/or Mathematics Teaching requirement.

### Secondary Science and/or Mathematics Track V: Physics/Chemistry

1. **Liberal Studies:**
   - See the ‘Teacher Preparation General Education’ section of the “College of Education” chapter in this **General Bulletin** and the State of Florida Common Course Prerequisites listed above.

2. **Science/Math Core (includes liberal studies, natural science):**
   - **BSC 2010** Biological Science I (3)
   - **CHM 1045C** General Chemistry I (4)
   - **PHY 2048C** General Physics A (5)
     - **AND**
   - **ISC 3076** Science, Technology, and Society (3)
     - **OR**
   - **PHI 3400** History and Philosophy of Science (3)

3. **Modern Language:** Twelve (12) semester hours (department depends on language selected).

4. **Education Core:**
   - **EDF 4210** Educational Psychology: Developing Learners (3)
   - **EDF 4430** Classroom Assessment (3)
   - **EME 2040** Introduction to Educational Technology (3)
   - **RED 4335** Content Area Reading for Secondary School Teachers (3)
   - **SCE 4939r** Seminar in Contemporary Science, Mathematics, and Science Education (1)

5. **Advanced Courses Required for Specializations:**
   - **AST 3033** Recent Advances in Astronomy and Cosmology (3)
   - **GLY 2010C** Physical Geology (4)
   - **MAC 2311** Calculus with Analytic Geometry I (4)
   - **MAC 2312** Calculus with Analytic Geometry II (4)
   - **MAP 3305** Engineering Mathematics I (3)
   - **MET 2700** General Meteorology (2)
Graduate Courses

The Office of Science Teaching offers a master’s in Science Teaching (MST) combined with a bachelor’s degree in one of the science disciplines (biology, chemistry, physics), or secondary science and/or mathematics teaching. Degree candidates follow a prescribed course of study to earn both the bachelor’s and master’s degrees. For detailed information about the programs and admission and program requirements for the MST program, consult the Graduate Bulletin, or visit http://www.fsu.edu/gradstudies/CombinedPrograms/Science_Teaching_Combined_Degree.pdf.

SERBO-CROATIAN; SLAVIC: see Modern Languages and Linguistics

Interdisciplinary Program in SOCIAL SCIENCE

COLLEGE OF SOCIAL SCIENCES

Director: Robert E. Crew, Jr., Office of the Dean, College of Social Sciences

The Interdisciplinary Program in Social Science (ISS) provides a multidisciplinary view of contemporary social issues and problems. The program offers students an opportunity to draw on the several disciplines of social science as they seek an understanding of public affairs and answers to questions about society. The departments whose courses may be utilized in the program are Anthropology, Economics, Geography, History, Political Science, Sociology, and Urban and Regional Planning, along with the School of Public Administration and Policy.

The program will be particularly appealing to students who have wide-ranging interests in social issues. Its flexibility permits students to pursue specialized and preprofessional interests and to expose themselves to the variety of perspectives of the social sciences.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Two introductory courses for six (6) semester hours in a social science discipline.

Requirements

A major in the interdisciplinary program requires forty-two (42) semester hours, including nine (9) semester hours in courses taken to satisfy liberal studies requirements. For the usual major, work must be taken in at least three departments within the program. There must be a primary concentration of eighteen (18) semester hours in one department, a second concentration of twelve (12) semester hours in another department, while the remaining twelve (12) semester hours may be distributed among any of the remaining social science departments. Students must complete a total of twenty (20) semester hours in courses numbered above 2999. A minimum cumulative grade point average (GPA) of 2.0 on all course work applied to the major must be maintained.

Students may also, rather than selecting courses in the manner identified above, seek an interdisciplinary concentration in four topical areas of study. These are environmental affairs, law and society, urban studies, and public service. Each of these concentrations are multicourse programs focusing on the named topics. For details about these concentrations, see the program director.

Majors must complete the basic university computer competency requirement. CGS 2060 with a grade of “C-” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu for more information.

Degrees

The courses of study offered by the Interdisciplinary Program in Social Science lead to the bachelor of arts (BA) and bachelor of science (BS) and to master of arts (MA) and master of science (MS) degrees.

Requirements for a Minor for Psychology Majors at the Panama City Campus

A minor in the Interdisciplinary Program in Social Sciences is available for psychology students at the Panama City campus. Students may obtain the minor by successfully completing a total of fifteen (15) semester hours of course work in interdisciplinary social science participating departments, which include interdisciplinary social science, anthropology, economics, geography, history, political science, sociology and urban and regional planning.

Honors in the Major

The ISS program participates in the upper-division honors in the major. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

CPS—Comparative Policy Studies
ISS—Interdisciplinary Social Sciences

Undergraduate Courses

CPS 4905r. Directed Individual Study (3). May be repeated to a maximum of nine (9) semester hours.
ISS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.
ISS 4906r. Directed Individual Study (3). May be repeated to a maximum of six (6) semester hours.
ISS 4907r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.
ISS 4931r. Special Topics (1–3). May be repeated with permission of the Director of the Interdisciplinary Program in Social Science to a maximum of eighteen (18) semester hours.
ISS 4944r. Internship (3–6). Students are placed in a variety of employment situations related to their academic interest and conduct, under faculty supervision, research related to a problem or issue facing the sponsor of the internship. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

CPS 5424. Research Seminar in Comparative Political and Administrative Organization (3).
CPS 5454. Research Seminar in Science, Technology, and Environmental Policy (3).
CPS 5474. Research Seminar in International and Comparative Law (3).
CPS 5906r. Directed Individual Study (3). (S/U grade only.)
CPS 5911r. Supervised Research (1–5). (S/U grade only.)
ISS 5125. Introduction to Economics for Executives (3).
ISS 5326. Marketing in the Public and Nonprofit Sector (1–3).
ISS 5386. Information and Communication Management (3).
SOCIAL WORK

COLLEGE OF SOCIAL WORK


The College of Social Work offers programs of study leading to the 1) bachelor of social work (BSW) degree, designed to enable students to offer direct services to individuals, families, groups, and communities at the generalist level of social work practice; 2) master of social work (MSW) degree, designed as an advanced practice degree, to increase the skills of professional social workers to more advanced competencies acquired through two concentrations—clinical social work and social policy and administration; and 3) doctor of philosophy (PhD) degree, which is designed to advance the social work profession through the development of researchers/scholars and educators.

For complete details of undergraduate degree requirements, plus a description of the College of Social Work, its opportunities, and available financial assistance, refer to the “College of Social Work” chapter of this General Bulletin, or our Web site at http://csw.fsu.edu. Refer to the Graduate Bulletin for graduate programs.

STATE OF FLORIDA COMMON CORE PREREQUISITES

The State of Florida has identified common core prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common core prerequisites be completed in the freshman and sophomore years.

The following lists the common core prerequisites or approved substitutions necessary for this degree program:

Three (3) semester hours in each of the following:
1. American government (American national government or American government);
2. Biology (human biology or anatomy and physiology);
3. Economics (microeconomics or macroeconomics [ECO prefix]);
4. Introductory psychology;
5. Introductory sociology/social problems.

DEFINITION OF PREFIX

SOW—Social Work

UNDERGRADUATE COURSES

SOW 1054r. Human Services Experience (1). (SU grade only.) Volunteer experience in a social agency or community program providing human service. Thirty (30) hours of volunteer work required per hour of credit. May be repeated to a maximum of three (3) semester hours.

SOW 3203. Introduction to Social Work and Social Welfare (3). This course surveys the philosophy, history, and services of social welfare as well as the values, methods, and practice settings of the profession of social work.

SOW 3350. Interviewing and Recording in Social Work (3). Overview of the basic elements of interviewing and recording as utilized in various helping professions.

SOW 4104. Human Behavior in the Social Environment (13). Prerequisites: SOW 1054, 3203, 3350. This course focuses on the individual, families, groups, organizations and communities. Theoretical explanations of psychosocial development across the life cycle are also explored, along with the sociocultural factors that influence human behavior. Majors only.

SOW 4108. Women’s Issues and Social Work (3). This course is designed to acquaint students with the factors that affect women throughout life and the role that social work plays in addressing these issues.


SOW 4232. Social Welfare Policies and Programs (3). Prerequisites: SOW 1054, 3203, 3350; economics and national government. Provides a beginning understanding of the relationship between social policy, social welfare, and society. Particular attention will be paid to the nature of our present social welfare system and its impact on disadvantaged populations. Majors only.

SOW 4303. Theory and Practice of Social Work with Groups (3). Prerequisites: SOW 1054, 3203, 3350, 4341. A practice-oriented course to develop group leaders who have an understanding of group dynamics and possess effective leadership skills to facilitate group development and work. The course will focus on both task and treatment groups. Majors only.

SOW 4341. Social Work Practice I (4). Prerequisites: SOW 1054, 3203, 3350. This course focuses on skill development in direct social work practice with individuals, families, and small groups. Content includes theories and models of generalist practice, social work values, structure, role, function, building, assessment, family systems, goal setting, crisis intervention, problem solving, counseling, evaluation, and termination of services. Knowledge and skills with regard to this content are applied to all populations, including diverse groups.

SOW 4347. Social Networking and Case Management in Social Work (3). This course introduces students to the history, theoretical underpinnings, and strategies of case management in various service delivery systems. Contemporary issues and implications for the changing practice environment are highlighted.

SOW 4360. Social Work Practice II (3). Prerequisites: SOW 1054, 3203, 3350. This course focuses on skill development in social work practice with task groups, organizations, and communities. Content includes theories and models of group, organization, and community behavior as a foundation for intervention with these systems. Ways to promote effective and ethical strategies for the promotion of social and economic justice are also covered. Knowledge and skills with regard to this content are applied to all populations, including diverse groups.

SOW 4370. Supervised Visitation (3). (SU grade only.) In this course, students have the opportunity to be involved in supervised visitation in conjunction with the Florida Department of Children and Families. The course is conducted in practicum format with training and mandatory weekly supervised visitation. The students observe visitation, learn and analyze policies, and integrate an understanding of child abuse, neglect, and family dynamics.

SOW 4403. Introduction to Social Work Research (3). Prerequisites: SOW 1054, 3203, 3350, 4414. An overview of methods and issues in social research designed to teach students to be critical consumers of others’ research as well as to provide them an experience in conducting their own research. Includes design, data collection, data analysis, and interpretation. Methods of evaluating practice are presented. Majors only.

SOW 4414. Measurements in Social Work Research (3). Prerequisites: SOW 1054, 3203, 3350. Statistical procedures which have practical application to research in the social work field. Majors only.

SOW 4454. Grant Writing and Grant Management (3). This course examines the “basics” of proposals, including purpose statements, background and justification, aims or objectives, personnel, time line, methods, budget and evaluation, and how to review and effectively manage grants once they are funded. The needs of disenfranchised groups or communities also are discussed in this course, along with the particulars of proposals that may be most effective in meeting such needs.

SOW 4510r. Undergraduate Field Instruction (6-12). (SU grade only.) Prerequisites: completion of all required social work courses, a 3.0 GPA in social work courses. Corequisite: SOW 4522. Supervised generalist experience in a social agency totaling five hundred twelve (512) hours. Internships are available fall, spring, and summer semesters. Students must submit an application to the Office of Field Instruction. Majors only. May be repeated to a maximum of twelve (12) semester hours.

SOW 4522. Integrative Field Seminar (3). To be taken concurrently with SOW 4510. Designed to assist students in integrating theoretical concepts with actual social work practice; examine professional issues faced by practitioners. Majors only.

SOW 4602. Social Work in Health Settings (3). Exploration of the characteristics of health and medical care programs in the U.S. and the parameters of social work practice within them. Patterns of service delivery, standards, rural-urban differences, and racial/ethnic and gender considerations in service delivery are addressed.

SOW 4615. Family Violence Across the Life Span (3). This course, looking at violence across the life-span, provides an ecological perspective emphasizing the interconnections between individuals experiencing violence and their social environments. Emphasis is placed upon broad coverage of all important aspects of child abuse, incest, intimate partner violence, rape, and elder abuse. This course is appropriate for students who wish to gain skill in detecting and responding to incest and sexual assault survivors, victims of intimate partner violence or elder abuse.

SOW 4622. Social Work with Black Families (3). Theories and research relevant to examining selected forces that impact on African-American family structures and functions. Major consideration is given to misconceptions, misplaced emphasis, and myths about the African-American family in contemporary America and to appropriate models and strategies for intervention.

SOW 4625. Diversity in Social Work Practice (3). This course will enhance students’ understanding of human diversity and will prepare them to work with ethnic minorities, women, gays and lesbians, and people with disabilities. Students also will understand the connections between diversity issues and social and economic justice.

For listings relating to graduate course work for dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
The Florida State University

Department of
SOCIOLOGY

COLLEGE OF SOCIAL SCIENCES

Chair: Patricia Y. Martin; Professors: Carlson, Eberstein, Keith, Martin, Orcutt, Padavic, Quadagno, Turner; Associate Professors: Breshester, Reynolds, Simon; Assistant Professors: Barrett, Dixon, Lloyd, McCabe, Rohlinger, Schrock, Starks, Taylor, Tillman, Ueno; Professors Emeriti: Armer, Fendrich, Ford, Hardy, Hazleigg, Isaac, Kinloch, Nam; Affiliate Faculty: Barker, Chircos, Hinterlong, Miles, Milton

Few fields have as broad a scope as sociology, the study of human groups and social life. The sociology major’s interests range from the nuclear family to the many types of societies, from crime to religion, from the divisions of race and class to the integrating symbols of culture, from the sociology of occupations to politics. At The Florida State University, the Department of Sociology examines all of these matters and others. Current research is ongoing in such diverse areas as gender, ethnicity, the welfare state, and population.

There are several reasons for pursuing a sociology degree. First, sociology addresses circumstances and events that affect students’ lives today and in the future. Second, a sociology major provides a broad-based, liberal arts education that promotes understanding and sharpens analytical skills. Third, a sociology major is excellent preparation for a career in professions that require an ability to think and write analytically. Sociology graduates have found employment in academia, business, law, medicine, politics, and government. Fourth, sociology prepares students for advanced graduate work in anticipation of careers in research and teaching.

Sociology majors learn how to analyze the employment, termination, and promotional practices of organizations; anticipate the changes humans

SOW 4627. Mental Health of Diverse Populations (3). This course examines various factors that impact the mental health of minorities, women and other diverse populations. Special focus on mental health needs, accessibility, and services.

SOW 4633. Family Work in the Public School System (3). Designed to give students an in-depth understanding of current school social work practices; focuses on the multidisciplinary team approach, alternative models of service delivery, the impact of Florida and federal legislation, and the characteristics of client problems encountered in the field.

SOW 4645. Aging and Old Age: Social Work Perspectives (3). An introduction to the field of aging. Course purposes include making students aware of their own attitudes toward aging and the aged, dispelling myths and stereotypes about the aged, and assessing past and present efforts to meet the needs of the elderly.

SOW 4650. Child Welfare Practice (3). This course is designed to provide a framework of values, knowledge, and skills necessary to practice with vulnerable children and their families. The major focus is on social work in child welfare agencies and children’s mental health agencies. The course is required for the Child Welfare Certificate Program.

SOW 4658. Mental Health and Child Welfare (3). This course provides students with the knowledge and skills to relate to theory, research and implications of child and adolescent maltreatment in child development and mental health issues. This course is part of a child welfare certificate program.

SOW 4665. Juvenile Justice: A Social Work Perspective (3). This course is designed to provide students with an overview of the juvenile justice system. This includes, but is not limited to, the following: the history of the juvenile justice system; the juvenile court system; the role of law enforcement; policy development and implementation; community issues involving youth; and the prevention and treatment of delinquency. Students also gain a first-hand perspective on these issues during required visits to various community agencies and organizations.

SOW 4680. Living with AIDS: Prevention Intervention and Care (3). Provides a comprehensive overview of the biopsychosocial implications of HIV/AIDS-related illness. Research and policy implications are reviewed, with a focus on the roles of service providers responding to the needs of severely impacted groups.

SOW 4702. Chemical Dependency Problems and Programs (3). Students are introduced to the etiology and epidemiology of chemical dependency. Both physiological and psychological aspects of addiction are covered. Major programs and treatment modalities used in social work practices for chemically dependent clients are examined.

SOW 4905r. Directed Individual Study (1–4). Prerequisites: Eight (8) credit hours in social work; 2.75 GPA; consent of instructor. May be repeated to a maximum of eight (8) semester hours. See departmental guidelines.

SOW 4911r. Honors Work in Social Work (1–6). Prerequisites: Junior standing; 3.2 or higher GPA; at least one term of twelve (12) or more semester hours; junior college transfers with membership in Phi Theta Kappa may be admitted directly. A thesis, completed over a period of two or three semesters, based on traditional library research and critical analysis. May be repeated to a maximum of nine (9) semester hours.

SOW 4935r. Seminar in Social Work: Selected Topics (3). May be repeated to a maximum of twelve (12) semester hours as topics change.

Graduate Courses

SOW 5105. Human Behavior and the Social Environment I (3).

SOW 5109. Women’s Issues and Social Work (3).

SOW 5125. Psychopathology in Clinical Practice (3).

SOW 5153. Human Sexuality (3).

SOW 5235. Policies and Programs in Social Services (3).

SOW 5238. Advanced Policy Analysis (3).

SOW 5262. Legislative Advocacy (3).

SOW 5308. Social Work Practice (3).

SOW 5324. Group Treatment in Social Work Practice (3).

SOW 5334. Organization and Community System Change (3).

SOW 5335. Theories and Models of Social Work Practice (3).

SOW 5340. Theory and Practice of Poetry Therapy (3).

SOW 5345. Advanced Social Services Administration (3).


SOW 5535. Marital and Couple Counseling in Social Work Practice (3).

SOW 5567. Theory and Practice of Crisis Intervention and Brief Treatment (3).

SOW 5569. Integrative Seminar in Advanced Social Work Practice (3).

SOW 5574. Supervised Visitation (3). (S/U grade only.)

SOW 5576. Budgeting and Finances in the Social Services (3).

SOW 5577. Personnel Administration in the Social Services (3).

SOW 5578. Data Management and Technologies in the Social Services (3).

SOW 5540. Introduction to Social Work Research (3).


SOW 5545. Social Program and Policy Evaluation (3).

SOW 5545. Grant Writing and Grant Management (3).

SOW 5532r. Graduate Field Instruction I (5–10). (S/U grade only.)

SOW 5535r. Graduate Field Instruction II (6–12). (S/U grade only.)

SOW 5537r. Field Instruction: Special Placement (3–12). (S/U grade only.)

SOW 5563. Social Work in Health Settings (3).

SOW 5561. Family Counseling in Social Work (3).


SOW 5564. Family Violence Across the Life Span (3).

SOW 5563. Social Work with Black Families (3).

SOW 5568. Child Welfare Practice (3).


SOW 5568. Living with AIDS: Prevention Intervention and Care (3).

SOW 5712. Chemical Dependency Problems and Programs (3).

SOW 5745. Seminar on Loss and Bereavement (3).

SOW 5908r. Directed Individual Study (1–4). (S/U grade only.)

SOW 5915r. Supervised Research (1–3).

SOW 5938r. Social Work Seminars: Selected Topics (3).

SOW 5941r. Supervised Teaching (1–3). (S/U grade only.)


SOW 6399. Social Policy Analysis (3).


SOW 6494. Advanced Research in Social Work (3).

SOW 6495. Research Issues in Direct Practice (3).

SOW 6696. Course Design and Curriculum Building in Social Work (3).

SOW 6697. Philosophies of Science in Social Work (3).

SOW 6755. Theories and Models of Social Work Practice (3).

SOW 6904r. Reading in Social Work/Social Welfare (1–6). (S/U grade only.)

SOW 6909r. Directed Individual Study (1–6). (S/U grade only.)

SOW 6916r. Supervised Research (1–5). (S/U grade only.)

SOW 6930. Teaching Tutorial Laboratory (1–3). (S/U grade only.)

SOW 6936r. Dissertation Seminar (2–5). (S/U grade only.)

SOW 6938r. Selected Topics in Social Work (3).

SOW 6942r. Supervised Teaching (1–3). (S/U grade only.)

SOW 6960. Preliminary Prep (0–12). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
will undergo in their life; practice market research; detect social trends; analyze statistical data; evaluate public policies; assess the impact of technological innovations; interpret political and social change in the world system; conduct surveys and interpret their results; project fertility and mortality patterns; and appreciate classic theories of social order and change.

The facilities and resources available to sociology majors include access to the microcomputer lab in the College of Social Sciences and opportunities to work closely with faculty on research projects. The department provides a wide range of courses on important aspects of social life, leading to greater understanding of human society and a variety of skills that are increasingly essential for citizens in a postindustrial, information-based, and rapidly changing global society.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-division courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Sociology majors should complete two (2) lower-level courses with the prefixes of SYA, SYD, SYG, SYO, or SYP.

Core Program

For acceptance as a sociology major, students must have successfully completed The Florida State University’s math and English requirements for liberal studies with a grade point average (GPA) of 2.0 or better and meet “mapping” requirements. Sociology majors are encouraged to complete all liberal studies requirements before admission to the College of Social Sciences. To fulfill the computer literacy requirement, students should complete CGS 2060 or CGS 2064 or CGS 2100 with a grade of “C–” or better.

Degrees

Students may earn a bachelor of arts (BA) or a bachelor of science (BS) degree in sociology.

Major

Students must complete thirty (30) semester hours in sociology, with a grade of “C–” or better in each course, including: SYA 4010, Sociological Theory, SYA 4300, Methods of Social Research, and SYA 4400, Social Statistics.

Transfer students must earn a minimum of fifteen (15) semester hours in sociology at The Florida State University. Transfer of the required upper-division courses (SYA 4010, 4300, and 4400) is subject to the approval of the departmental chair.

Minor

A minor may be earned by completing any fifteen (15) semester hours in sociology with a grade of “C–” or better in each course. At least nine (9) of the fifteen (15) semester hours must be completed at The Florida State University.

Honors in the Major

The Department of Sociology offers a program of honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of their undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

DEM—Demography
SYA—Sociological Analysis
SYD—Sociology of Demography/Area Studies/Sociological Minorities
SYG—Sociology: General
SYO—Social Organization
SYP—Social Processes

Undergraduate Courses

Introductory Course
SYG 1000. Introductory Sociology (3). An introduction to the fundamentals of sociology. Emphasis is placed on exposure to the basic findings of empirical research studies in a wide range of areas traditionally examined by sociologists.

Sociological Theory and Methods of Research
SYA 4010. Sociological Theory (3). This course introduces the student to the kind of theory which has developed in the field of sociology since its foundation, moving through to the contemporary scene. Major theoretical fields, major theorists, and dominant theoretical issues which continue to be part of the sociological approach to explanation are covered.
SYA 4700. Methods of Social Research (3). Broad coverage of research design, data collection, and data analysis. This is a required course for sociology majors.
SYA 4400. Social Statistics (3). This course involves the application of statistical techniques to sociological data as illustrated in the research and writing of social scientists. As a course for majors, it represents an important part of the student’s methodological training with respect to the statistical analysis of data typically used by sociologists. The student is expected to carry out a number of exercises involving the statistical analysis of sociological data and to interpret the results.

The Family
SYG 2430. Marriage and the Family (3). This course is concerned with the processes of marriage and family relationships in a changing society. Topics covered include interpersonal attraction, heterosexual love relationships, pre-marital and marital sexuality, marital and family interaction, and alternative family forms. The major course objective is to familiarize students with the process of heterosexual and parent-child interaction over the life cycle from a sociological perspective.
SYO 3100. Family Problems and Social Change (3). A basic sociological approach to conditions, issues, and problems of familial organization within the context of changing institutional structures of modern society. Attention is given to such questions as: how have spouse roles changed, and why? how do changes in the organization of work affect family experience? how are family and kinship patterns affected by an aging population? etc.

Personality and Society (Social Psychology)
SYP 3000. Social Psychology of Groups (3). This course represents the study of social psychology from a sociological perspective. Specifically, it is an analysis of the influence of the groups and the individual on each other, including the study of norms, group pressure, leadership, motivation, and social personality.
SYP 3350. Collective Action and Social Movements (3). There have been scores of social movements in the U.S. and around the world in this century. The course explores the origins and organization of social movements, the dilemmas and challenges of social movements, the relationship between social movements and political institutions and the role of social movements in causing social change.
SYP 4340. Public Opinion Analysis (3). An examination of the role of the mass media influences on public opinion, techniques of opinion measurement, and the impact of opinion polls on attitudes and behavior.

Population and Human Ecology
SYD 3800. Sociology of Sex and Gender (3). This course provides a look at the sociological facets of gender and its effect in society.
SYD 4510. Environmental Sociology (3). This course examines the larger social forces that shape our natural environment; the social foundations of environmental problems; and the social responses to environmental issues, conflicts, and movements.
SYD 4700. Race and Minority Group Relations (3). An introduction to prevalent sociological concepts and theories utilized in the study of dominant-subordinate relationships between groups. The social significance of minority status is emphasized. Once introduced, concepts and theories are applied to the experiences of several nonwhite ethnic groups in the US with special attention being devoted to contemporary black-white relationships. The reemergence of white ethnicity is discussed in relation to the above.
SYD 4794. Problems in American Society (3). This course uniquely addresses the way in which issues of inequality, poverty, race, gender, labor, markets and work, urban problems, and discrimination are intertwined to produce continuing problems in American society.
SYD 2010. Social Problems (3). This course represents a study of various contemporary social problems in an urbanized society which may include such topics as education, the family, age, ethnicity, poverty, pollution, discrimination, and the social context of crime.
SYO 4352. The Sixties: Social Change, Social Movement (3). This course offers a detailed examination of major events and processes of the 1960’s, especially the civil rights struggles, the Vietnam War and anti-war movement, and the counter culture, from a sociological perspective that features the interplay of social change and social movements.
SYO 4374. Gender and Work (3). This course is an introduction to the cultural and structural mechanisms that produce gendered outcomes in the workplace. It addresses occupational segregation, the wage gap, sex differences in promotions, unpaid family work, explanations of inequality, strategies for change and resistance to change, and the intersections of gender, race, and class.
SYO 4402. Medical Sociology (3). This course explains why and how social structure influences the distribution of health and illness and illustrates how the medical care system is organized and responds.
This course is concerned with the context, essential sources, dynamics, and consequences of social development, modernization, and societal change.

In coming years, Americans will have to make important decisions regarding the consequences of population aging. This course explores how changing life course patterns have influenced retirement, health care, politics, and family structure. It also considers the policy choices that will have to be made in the twenty-first century as the baby boom generation reaches retirement age.

May be repeated to a maximum of nine (9) semester hours.

A basic sociological perspective on the social, historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

The primary focus of this course is on the interrelationships among business and production organizations, labor efforts and struggles, and the state and state policies, from various theoretical and historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

The primary focus of this course is on the interrelationships among business and production organizations, labor efforts and struggles, and the state and state policies, from various theoretical and historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

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This course presents a review and analysis of sociological approaches to the study of alcohol and drug problems. It addresses theoretical perspectives on recreational and deviant drinking and drug use and introduces important empirical methods in the study of alcohol and drug problems and current debates over alcohol and drug policy.

May be repeated to a maximum of three (3) semester hours.

This course critically examines the history, and research traditions, including structural and social psychological causes of deviant behavior, processes of labeling deviants, and social conflict over definition and treatment of deviance.

Social Organization

SYD 3600. The Community in Urban Society (3). An introduction to the community as a changing form of social organization with emphasis on community field studies (ethnographies), theories of communal organization, and the study of community-specific processes such as power distribution and decision making, conflict, stratification, and the dynamics of land-use change. Special attention is given to the study of the metropolitan community in US society and its inner city and suburbs.

SYO 3200. Sociology of Religion (3). A basic sociological perspective on the social organization and forms of religious life in modern society. Religious groups are studied as organizations that contribute to social stability, social conflict, and social change.

This course provides a sociological view of mass communications by critically examining the origin, history, and functions of the American mass media and its effect on social life.

SYO 3530. Social Classes and Inequality (3). Basic theory of social stratification is presented and used in description of the stratification system in the United States and other nations.

Opportunity for social mobility in other countries.

SYO 4250. Sociology of Education (3). This course presents a sociological approach to the study of education as a social institution, its structure, functions, and role in contemporary life.

SYO 4300. Sociology of Politics (3). This course deals with American political institutions, political organizations, pressure groups, and the public’s participation in political processes. Discussion focuses on current political issues from a sociological perspective.

SYO 4350. Sociology of Business, Labor, and Government (3). The primary focus of this course is on the interrelationships among business and production organizations, labor efforts and struggles, and the state and state policies, from various theoretical and historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

SYO 4400. Sociology of Health Care (3). An introduction to the organizational, economic and political structures and problems of American health care. Also introduces several of the sociological approaches that examine these issues.

SYO 5504. Social Control (3). Concentrate on the definitions, theories, research, and policy issues concerning social control. This course examines and critically assesses different perspectives on human behavior and social deviance. Review and analysis of primary literature on selected topics in contemporary sociology. This course is concerned with the context, essential sources, dynamics, and consequences of social development, modernization, and societal change.

SYO 5530. Deviant Behavior (3). This course critically examines the history, and research traditions, including structural and social psychological causes of deviant behavior, processes of labeling deviants, and social conflict over definition and treatment of deviance.

SYO 5531. Social Psychology of Deviance (3). A basic sociological perspective on the social, historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

SYO 5540. Social Psychology of Gender and Work (3). This course presents a review and analysis of sociological approaches to the study of alcohol and drug problems. It addresses theoretical perspectives on recreational and deviant drinking and drug use and introduces important empirical methods in the study of alcohol and drug problems and current debates over alcohol and drug policy.

SYO 5545. Social Psychology of the Contemporary Women’s Movement (3). This course critically examines the history, and research traditions, including structural and social psychological causes of deviant behavior, processes of labeling deviants, and social conflict over definition and treatment of deviance.

SYO 5550. Social Psychology of Social Movements (3). A basic sociological perspective on the social, historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

SYO 5560. Social Psychology of Social Change (3). A basic sociological perspective on the social, historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

SYO 5570. Social Psychology of Social Policy (3). A basic sociological perspective on the social, historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and industry.

SYO 5580. Social Psychology of the Contemporary Women’s Movement (3). This course critically examines the history, and research traditions, including structural and social psychological causes of deviant behavior, processes of labeling deviants, and social conflict over definition and treatment of deviance.
At least one course taken to meet the natural science requirements in liberal studies and/or general program prerequisites must include a laboratory component.

### Physical Education Teaching and Coaching
1. EDF X005;
2. EDG X701;
3. EME X040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas: communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences. These hours must include:
   a. A minimum of nine (9) semester hours in English, including writing, literature, and speech;
   b. A minimum of nine (9) semester hours in mathematics (MGF, MTG, MAC and STA prefixes only), excluding MAT 1033, and including college algebra or higher, and geometry. MGF 1106, Liberal Arts Mathematics I, meets the intent of the program approval rule with respect to the inclusion of geometry in the mathematics requirement;
   c. A minimum of nine (9) semester hours in the natural and/or physical sciences, including earth science, life science, and physical science, with a minimum of one associated lab;
   d. A minimum of six (6) semester hours in the humanities, including philosophy and fine arts;
   e. A minimum of twelve (12) semester hours in the social sciences, including general psychology and American history.

5. **Plus** the following general program prerequisites:
   a. Three to four (3–4) semester hours of anatomy and physiology I with lab;
   b. Three to four (3–4) semester hours of care and prevention of athletic injuries or anatomy and physiology II with lab;
   c. Four to five (4–5) semester hours of skill development courses in physical activity;
   d. Three (3) semester hours of conditioning, fitness and wellness courses in physical activities.

Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student is currently earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

**Note:** Courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Recreation and Leisure Services Administration

#### Coordinator:
Cheryl Beeler; **Professor:** Ragheb; **Associate Professors:** Beeler, Dunn, Fletcher; **Visiting Assistant Professor:** Lee; **Assistant in Leisure Recreation Services:** Keween.

The recreation and leisure services administration program offers courses leading to the bachelor of science (BS) and master of science (MS) degrees in recreation and leisure services administration. The program is nationally accredited by the National Recreation and Park Association’s Council on Accreditation. The bachelor’s degree is designed to prepare individuals for professional positions in such settings as corporate and industrial, public park and recreation, church, youth-serving and military agencies, special events management, fitness, sport management, campus recreation, and travel and tourism.

With a bachelor’s degree from this program, students may qualify for employment as recreation program planners, facility managers, administrators, recreation supervisors, activities directors, special events coordinators, fitness specialists, and guest service coordinators.

At the graduate level, the master’s degree is designed to prepare individuals for administrative and management positions of recreation/
leisure/park agencies. Students may select one of many curricular concentrations, such as public administration, gerontology, or college teaching. The graduate curriculum is designed to meet the interests and needs of the students. Course work may be designed for other specialty areas, such as leisure education and counseling, computer applications in leisure delivery systems, and leisure research.

Admission

Applicants for admission to The Florida State University must also apply directly to the recreation and leisure services administration program. Admission to the undergraduate program is based upon: 1) formal application and interview; and 2) successful completion of the required State of Florida common course prerequisites and a passing score on each section of the CLAST. For application materials, contact: Undergraduate Coordinator, Recreation and Leisure Services Administration, 200 Tilly Gym, The Florida State University, Tallahassee, FL 32306-4280.

Degree Requirements

To earn a bachelor’s degree in recreation leisure services administration, students must successfully complete a minimum of sixty (60) semester hours at the upper-division level. The sixty (60) semester hours include: 1) thirty (30) semester hours of required course work: LEI 3161, 3420, 3400, 4500, 4521, 4574, 4602, 4881, 4930; 2) two (2) semester hours of fieldwork: LEI 4921; 3) fifteen (15) semester hours of internship: LEI 4940; 4) nine (9) semester hours of elective course work; and 5) four (4) semester hours of prerequisite coursework. Students must be certified in First Aid/CPR prior to enrolling in LEI 4940, Practicum in Leisure Services.

To be eligible for the internship, which is scheduled the last semester of the program of study, students must have earned a 2.5 cumulative GPA in all college course work and a 2.5 GPA in all core courses bearing the prefix LEI. A minimum grade of “C–” or better must be earned in all program course work.

Teacher Certification Program

The teacher certification program provides the academic course work and the pre-professional public school experience necessary to become an effective teacher. Course work is arranged in a specific four semester sequence designed to culminate in student teaching. The placement of student teachers will be concentrated in area I. The course of study leading to a baccalaureate degree and teacher certification encompasses three areas of work: 1) required block and foundation courses; 2) required elementary and secondary courses; and 3) professional education requirements. Additionally, all physical education teacher certification majors are required to take TSL 4324, ESOL Instruction in the Content Areas, and teaching of reading, and EDF 4210, Educational Psychology: Developing Learners.

Students may only enter this program at the beginning of the fall semester and must enroll in the following courses: PEO 4006; and PET 3020, 4300, 4640C, 4710, 4710L.

A GPA of 2.5 is required for admission to student teaching. All students must meet the requirements for admission to teacher education and professional education, which are explained in the “College of Education” chapter of this General Bulletin.

Sport Management Program

The sport management program provides academic course work necessary to prepare a person to pursue a graduate degree in sport management, or entry level employment in a variety of work environments. The course of study leading to a baccalaureate degree with a major in sport management encompasses three areas of work: 1) required block and foundation courses; 2) business practices; and 3) electives. Prerequisites for sport management may be selected from 2000-level business and/or economics classes.

Students may only enter the sport management program at the beginning of the Fall semester.

Noncredential/Nondegree Programs

Coaching Specialization

The course of study for a specialization in coaching includes PEO 2013; PET 2303C, 2622C, 4203, 4300; and at least two of the following: PEO 2624, 3219, 3644; PEP 3304. In addition, students must hold a current cardiopulmonary resuscitation (CPR) certification at the completion of the program. A minimum grade of “C–” must be earned in all program work. Students are provided an additional option of obtaining a national certification within this specialization through the American Coaches Education Program (ACEP).

Definition of Prefixes

DAE—Dance Education
LEI—Leisure
PEL—Physical Education Activities (General): Land-Object Centered
PEM—Physical Education Activities (General): Land-Performance Centered
PET—Physical Education Activities (Instructional): Physical Education
PEO—Physical Education Activities (Professional): Land-Object Centered
PEQ—Physical Education Activities (Professional): Land-Performance Centered
PEU—Physical Education Activities (Professional): University
PET—Physical Education Theory

Undergraduate Courses

Elective Courses for Nonmajors

Note: The courses with the repeat designation of “r” may be repeated for a maximum of four (4) semester hours.

PEL 1111r. Bowling (1). (S/U grade only.)
PEL 1121r. Golf (1). (S/U grade only.)
PEL 1124r. Varsity Golf (1). (S/U grade only.)
PEL 1214r. Varsity Softball (1). (S/U grade only.)
PEL 1219r. Varsity Baseball (1). (S/U grade only.)
PEL 1321r. Volleyball (1). (S/U grade only.)
PEL 1324r. Varsity Volleyball (1). (S/U grade only.)
PEL 1341r. Tennis (1). (S/U grade only.)
PEL 1344r. Varsity Tennis (1). (S/U grade only.)
PEL 1441r. Racquetball (1). (S/U grade only.)
PEL 1511r. Soccer (1). (S/U grade only.)
PEL 1544r. Varsity Soccer—Women (1). (S/U grade only.)
PEL 1621r. Basketball (1). (S/U grade only.)
PEL 1624r. Varsity Basketball (1). (S/U grade only.)
PEL 1644r. Varsity Football (1). (S/U grade only.)
PEL 1646r. Flag Football (1). (S/U grade only.)
PEM 1012r. Adapted Physical Education Activities (1). Prerequisite: Departmental permission required. Physical education activities designed to enhance the motor ability, fitness, and leisure activities in the handicapped student. May be repeated to a maximum of four (4) semester hours.
PEM 1101r. Physical Conditioning (1). (S/U grade only.)
PEM 1131r. Basic Weight Training (1). (S/U grade only.)
PEM 1141r. Aerobic Conditioning (1). (S/U grade only.)
PEM 1171r. Aerobic Dance (1). (S/U grade only.)
PEM 1304r. Varsity Track (1). (S/U grade only.)
PEM 1313r. Varsity Cross-Country (1). (S/U grade only.)
PEM 1405r. Self-Defense/Martial Arts (1). (S/U grade only.)
PEM 1592. Circus Activities (1). (S/U grade only.)
PEM 1121r. Basic Swimming (1). (S/U grade only.)
PEM 1124r. Varsity Swimming (1). (S/U grade only.)
PEM 1144. Track (1). (S/U grade only.)
PEM 1213. Sailing Instruction (1). (S/U grade only.)
PEM 1234r. Blue Water Sailing (1). (S/U grade only.)
PEP 1001r. Contemporary Activities Techniques (1). (S/U grade only.) May be repeated during the same semester.
PEO 1213. Sailing Instructor (1). (S/U grade only.)

Courses For Physical Education Majors

DAE 4300. Educational Dance (2). Prerequisites: PET 4710, 4710L. Follows the movement framework for educational dance with a focus on the exploration of themes and the refinement of movement sequences and creative dances.
PEO 2013. Sports Officiating (2). Prerequisites: PEO 4300, 4302C.
PEO 2624. Theory and Practice of Basketball (2). Teaching and coaching techniques in basketball including current trends and offensive and defensive systems.
PEO 3519. Theory and Practice of Baseball (2). All phases of baseball technique, strategy, teaching, and coaching procedures.
PEO 3644. Theory and Practice of Football (2). Organization, game theory, and the fundamental techniques of playing, teaching, and coaching.
Prerequisites: PEO 4006; PET 4300. An analysis of racquet sports and team sports using the content development framework and game stages for planning and teaching games content in physical education classes.


PET 4206. Educational Games II (3). Prerequisites: PET 4205. The use of games in physical education. Emphasizes the planning and teaching of games for the total development of the student. Corequisite: PET 4206.

PET 4009. Educational Games I (3). Prerequisites: PEO 4006; PET 4300. An analysis of racquet sports and team sports using the content development framework and game stages for planning and teaching games content in physical education classes.

PET 4010. Physical Education Practicum (1). Prerequisite: PET 4009. Corequisite: PET 4010. Field experience in the application of effective instructional methods in the school physical education setting.

PET 4712. Methods and Materials of Teaching Fitness, K–12 (3). Prerequisite: Permission of instructor. This course focuses on how to implement a lifetime, health-related physical fitness program. Topics include the development of fitness programs in community settings. Students will update their knowledge of exercise physiology, design learning activities, and develop strategies to teach lifetime fitness to children and adolescents.

PET 4713. Physical Education Instruction I, K–12 (3). Prerequisite: PET 4711. Corequisite: PET 4713L. Focus is on teaching physical education to upper elementary, middle, and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.

PET 4714. Physical Education Instruction II, K–12 (3). Prerequisite: PET 4713. Corequisite: PET 4714L. Focus on teaching physical education to primary elementary and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.

PET 4715. Physical Education Practicum II, K–12 (1). Prerequisites: PET 4711, 4713L. Corequisite: PET 4715L. Development of effective instructional skills through the planning, teaching, and assessment of experiences with upper elementary, middle, and high school students.

PET 4765. Principles and Problems of Coaching (3). The study of vital sociopsychological aspects of coaching.

PET 4771C. Applied Physical Fitness Concepts (3). Prerequisites: PET 3020, 4302C. This course is designed to examine techniques of evaluation for physical fitness and health, with a particular emphasis on aerobic capacity, flexibility, strength, and body composition. It entails the design, implementation, and administration of programs for developing physical fitness and lifestyle changes.

PET 4895r. Directed Individual Study (1–3). Undergraduate study of a research problem, topic, or area of interest not provided for in current course offerings. May be repeated to a maximum of twelve (12) semester hours.

PET 4940r. Practicum in Physical Education (1–6). Practical experience is integrated with theoretical concepts in the sport management program. May be repeated to a maximum of twelve (12) semester hours. PET 4940L. Practicum in Physical Education (1–6). Participation in a practicum in physical education. May be repeated to a maximum of twelve (12) semester hours.

PET 4945. Student Teaching in Physical Education (9). (S/U grade only) Prerequisites: PET 4942, 4710, 4713. Corequisite: PET 4401. A one semester school experience in the role of a professional educator.

**Recreation and Leisure Services Courses**

LEI 1111. Leisure and Recreation: A Cross-Cultural Approach (3). An examination of the leisure and recreation behaviors of people in different cultures. The cultural, political, social, and economic influences on leisure and recreation behaviors will be examined.

LEI 3391. Recreation History (3). This course is comprised of four separate components which must be taken in sequence but which may be taken in subsequent semesters.

LEI 3392. Recreation Organization and Management (3). This course introduces the philosophical foundation of leisure and recreation through the major historical events and perspectives in recreation and leisure through the present time. Current trends and issues are discussed as they relate to social, economic, environmental and public policy factors.

LEI 3395. Challenge Course Facilitation Training (1–4). This course provides the student with the knowledge and skills to lead new games and field games and to facilitate group initiatives, low ropes and high ropes challenge courses. The student will learn to facilitate diverse groups to develop teamwork, leadership skills, group dynamics, increase trust and improve communication, and direct a wide variety of challenge course activities. The course stresses safety, particularly in the use of ropes course apparatus, equipment, and lifestyle changes.

LEI 3396. Outdoor Adventure Education (3). This course includes education in teaching leadership and programing skills in outdoor adventure, including hiking, camping, backpacking, kayaking, canoeing, rock climbing, mountaineering, rappelling, and survival skills, group dynamics, safety, risk management, accessibility and environmental ethics.

LEI 3391. Introduction to Special Events (3). This course introduces students to special event planning and prepares them to design and implement a variety of special events for recreation programs, and park organizations, community organizations, non-profit agencies, associations, corporations and other organizations.

LEI 3403. Applied Recreation Programming (1). Prerequisites: LEI 3004, 3420. Corequisite: LEI 3435. This course is designed to provide students with a comprehensive experience in recreation program implementation.
LEI 3420. Analysis and Utilization of Leisure Activities (4). Development and understanding of leisure activities and how these activities meet the needs of individuals in today’s society.

LEI 3435. Recreation Program Design (3). Prerequisites: LEI 3004, 3420. Corequisite: LEI 3403. This course is designed to facilitate the understanding of principles and methods of recreation program design and operation. Students will apply the processes of goal and objective technology, and selection and sequencing activities in creating a program design within recreation and leisure services.

LEI 3701. Human Development and Functioning in Leisure (4). Examines the role of human development and functioning for the entire age spectrum, including disabilities.

LEI 3843. Commercial Recreation and Tourism (3). This course is designed to introduce the concepts, principles, and practices of commercial recreation and tourism.

LEI 3940r. Cooperative Education Work Experience (0). (S/U grade only.)

LEI 4313. Special Event Resource Development and Fundraising (3). This course supplies students with an understanding of the methods for obtaining and managing resources required for the operation of special events, including fundraising activities and volunteers.

LEI 4314. Event Operations and Management (3). This is an advanced course in event planning and management. Focus is placed on managerial aspects such as financing, economic impact, promotion and legal issues.

LEI 4524. Leadership and Supervision in Leisure Systems (3). Prerequisites: LEI 3004, 3140, 3435, 3403. Corequisite: LEI 4930. This course introduces the concepts, principles and best practices for leading and supervising professional employees of recreation, sport, and leisure organizations.

LEI 4551. Administration of Leisure Service Systems (3). Prerequisite: LEI 3435. This course introduces students to the fundamental concepts, theories, principles and practices of administering, marketing, and budgeting for leisure service agencies.

LEI 4602. Planning and Maintenance of Facilities in Leisure Systems (3). Provide basic information for the planning and maintenance of leisure areas and facilities.

LEI 4703. Introduction to Therapeutic Recreation (3). An introductory survey of the field of therapeutic recreation practice including: the study of concepts, history, and philosophy; nature and settings of service delivery; enabling legislation; and roles and functions of therapeutic recreation professionals.

LEI 4712. Clinical Aspects of Therapeutic Recreation (4). In-depth survey of the concepts associated with the clinical application of therapeutic recreation including: medical and psychiatric terminology; etiology, characteristics, and implications of leisure needs by the ill and disabled; adaptive devices and assistive techniques.

LEI 4713. Principles and Procedures of Therapeutic Recreation Practice (3). An in-depth study of principles and practices used in therapeutic recreation service delivery, unique administrative concerns to service participation in health care industries, and professional issues relevant to therapeutic recreation practice.

LEI 4816. Leisure Education (3). This course focuses upon developing an understanding of the goals, objectives and philosophy of leisure education. It also includes the methods and techniques utilized to educate for leisure as well as planning and implementing leisure education in a variety of settings.

LEI 4881. Assessment, Research, and Evaluation in Leisure Systems (3). Enables students to assess leisure functions, interests, and behaviors and teach students to understand and critique research findings in leisure settings.

LEI 4906r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

LEI 4921r. Fieldwork in Leisure Services (1–3). (S/U grade only.) Provides the student an opportunity to gain practical experience in an organized leisure setting. May be repeated to a maximum of six (6) semester hours.

LEI 4930. Senior Seminar in Leisure Studies (1). Prerequisite: LEI 3161. The seminar is designed to introduce the current problems facing the leisure profession and the practitioner and to teach students to effectively discuss issues in a seminar setting.

LEI 4932r. Special Topics in Leisure Services (3). Current topics in Leisure Services are studied in depth. May be repeated to a maximum of nine (9) semester hours.

LEI 4940r. Practicum in Leisure Services (15). Full-time experience in a leisure agency under the supervision of a professional practice practitioner. May be repeated to a maximum of thirty (30) semester hours.

Graduate Courses

LEI 5171. Philosophical, Social, and Behavioral Foundations of Leisure (3).

LEI 5185. Current Issues in Leisure (1).

LEI 5530. Problems of Staff Development (3).


LEI 5815. Leisure Education (3).

LEI 5889. Research in Leisure Services (3).

LEI 5906r. Directed Individual Study (1–3).

LEI 5915r. Supervised Research (1–4). (S/U grade only.)

LEI 5930r. Special Topics in Recreation and Leisure (1–3).

LEI 5941. Practicum in Leisure Services (9).

LEI 5944r. Fieldwork in Leisure Services (1–3).

LEI 5945r. Supervised Teaching (1–5). (S/U grade only.)

LEI 5971r. Thesis (1–6).

LEI 5966. Master’s Comprehensive Exam (0). (P/F grade only).

LEI 5976. Master’s Thesis Defense (0).

PEO 5002. Educational Games I (3).

PEO 5042. Education Games I (3).

PEP 5208. Educational Gymnastics (3).

PET 5145. Issues in Physical Education (3).

PET 5252. Gender Issues in Sport and Physical Activity (3).

PET 5257. Lesbian and Gay Sport Studies (3).

PET 5258. Race and Ethnicity in Sport (3).

PET 5295. Sport and the Media (3).

PET 5406. Facility Management in Sport (3).

PET 5415. Administration of Physical Education (3).

PET 5423. Educational Dance (3).

PET 5425. Curriculum Design in Physical Education (3).

PET 5437. Foundations of Movement for Children (3).


PET 5455. Event and Special Projects Promotion in Sport (3).

PET 5464. Strategic Management for Sport Organizations (3).

PET 5465. Fiscal Management in Sports (3).

PET 5467. NCAA Compliance and Institutional Control (3).

PET 5470. Foundations in Sport Administration (3).

PET 5472. Risk Management in Sport and Physical Activity (3).

PET 5476. Athletic Administration (3).

PET 5478. Issues in Sport Law (3).

PET 5535. Research Methods (3).

PET 5615. Evaluation and Assessment in Adapted Physical Education (3).

PET 5645. Programs in Adapted Physical Education (3).

PET 5715. Effective Teaching in Physical Education (3).

PET 5716. Analysis and Observation of Teaching in Physical Education (3).

PET 5717. Models in Teaching Physical Education (3).

PET 5774. Methods and Materials of Teaching Fitness, K–12 (3).

PET 5906r. Directed Individual Study (1–3). (S/U grade only.)

PET 5912r. Supervised Research (1–4). (S/U grade only.)

PET 5940r. Field Laboratory Internship (1–8). (S/U grade only.)

PET 5942r. Supervising Testing (1–4). (S/U grade only.)

PET 5947r. Practicum in Sport Administration (3).

PET 6148. Seminar in Administration of Physical Education and Athletics (3).

PET 6149. Supervision in Physical Education (3).

PET 6466. Seminar in Sport Marketing (3).

PET 6468. Organizational Theory in Sport (3).

PET 6469. Leadership and Organizational Behavior in Sport (3).

PET 6494. Advanced Law in Sport and Physical Activity (3).

PET 6706. Research on Teaching (3).

PET 6709. Professional Preparation of Teachers of Physical Education (3).

PET 6931r. Advanced Topics (1–4).

PET 6938r. Graduate Research Seminar (0). (S/U grade only.)

PET 6939r. Seminar in Research on Teaching Physical Education (3).

PET 6969. Doctoral Qualifying Exam (0). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of

COLLEGE OF ARTS AND SCIENCES

Chair: Daniel McGee; Director, Statistical Consulting Center: Ramsier; Professors: Holland, Huffer, McGee, Niu; Associate Professors: Song, Srivastava, Wegkamp; Assistant Professors: Bunea, Chicken, Dixon; Associates in Statistics: Buena, Ramsier; Assistant in Statistics: Bose; Professors Emeriti: Basu, Bradley, Leysieffer, Marsaglia, Meeter, Sethuraman

The Department of Statistics offers programs leading to the bachelor of science (BS) degree (including an honors degree) in statistics with emphases in statistics and probability theory. These are mathematical disciplines that describe concepts of uncertainty in a quantitative way. The disciplines draw inspiration from the many areas to which they are applied. A statistician could be called upon to help decide whether an anesthetic has an adverse health effect upon operating room nurses, recognize images taken by remote sensors, analyze errors of measurement in a scientific experiment, determine public attitudes in an opinion poll, determine if a medical or pharmacological patient intervention is successful, or work with a team to design and analyze an experiment. Random phenomena such as these are handled through the use of probability models, which serve as guides in decision making, interpretation of data, and allocation of resources. Some courses in the curriculum emphasize the construction of probability models, whereas others focus upon the methodology of application of these models.

In the study of statistics, students use and enrich their mathematical expertise and orient their study of the mathematical sciences toward useful and relevant purposes in society. Significant opportunities for well-trained persons with one or more of the specializations of statistics or probability arise in many career environments, such as the social sciences, the natural sciences, business, industry, the health services, and government services. Flexible, individually planned programs of study for minors or majors, including an honors option, are available. Interested students should contact the director of the undergraduate program for more information.

The Department of Statistics offers a wide selection of undergraduate courses in statistical methods for nonmajors with minimal background in mathematics. STA 2122 or STA 2171 is a prerequisite for the remaining courses in the series, which are STA 3024, 4102, 4202, 4222, 4422, 4502, and 4702, and 4853.

The Department offers a combined BS/MS degree program designed for academically gifted students who wish to pursue an accelerated program culminating in a BS degree in statistics and an MS degree in applied statistics. This five-year program allows up to fifteen (15) semester hours of course work to be dually counted toward both the BS and MS degrees.

The Department of Statistics maintains a laboratory for computational vision, a statistical consulting center, a departmental library and reading room, the Wilcoxon Memorial Room, and provides facilities for computation in connection with course work and research. Instruction is available and use of computers is arranged for approved purposes. The statistics department has extensive computing facilities, which include a local area network of microcomputers, printers and a new laboratory for computational vision equipped with high-performance computers and accessories.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. One course for three (3) semester hours (COP prefix) in a computer language (Pascal, FORTRAN, C, C+, or C++);
2. MAC X311;
3. MAC X312;
4. One laboratory-based science course for four (4) semester hours from the following: BSC XXXX/XXXXL or CHM XXXX/XXXXL or PHY XXXX/XXXXL.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Requirements for a Major in Statistics

Major

Eighteen (18) semester hours in statistics courses numbered at the 4000 level are required, including STA 4321 and 4322.

Note: STA 2122, STA 2171 or STA 3032 may be taken in place of a 4000 level course other than those specified. Additional requirements include CDS 3408 or 3460; MAC 2312, 2313; and MAS 3105. A grade of “C−” or better must be earned in each statistics, mathematics, or computer science course counted toward the major. At least nine (9) semester hours of statistics courses counted toward the major must be taken in the Department of Statistics at The Florida State University. Statistics courses taken at other universities or colleges must be approved by the department.

Options

STA 4321 and 4322 constitute a basic core. Further courses may be selected for emphasis in statistical methodology, statistical theory, probability theory, stochastic processes, or actuarial science (MAP 4170, 4175). Students anticipating graduate study in statistics are encouraged to take additional mathematics courses such as MAA 4226, 4227, and MTG 4302.

Minor

The minor may be in any of the departmental or interdepartmental fields approved by the College of Arts and Sciences. A minor in mathematics may include MAC 2311, 2312, 2313, and MAS 3105.

Honors in the Major

The Department of Statistics offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Statistics

Required are twelve (12) semester hours in statistics courses numbered at the 4000 level, including STA 2122, 2171, or 4321.

Note: STA 2122, 2171, or STA 3032 may be considered equivalent to a 4000 level course. Courses should be selected in consultation with the director of the undergraduate statistics program. A grade of “C−” or better must be earned in each course counted toward the minor. At least six (6) semester hours in statistics courses counted toward the minor must be taken in the Department of Statistics at The Florida State University. Statistics courses taken at other universities or colleges must be approved by the department.

Examples of Options

1. A minor in statistical methodology with minimal mathematical prerequisites: STA 2122 or STA 2171, plus eight (8) semester hours selected from any of 4102, 4202, 4203, 4222, 4502, and 4702;
2. A minor with statistical theory as well as methodology: STA 4321 and 4322, plus six (6) hours selected from any of 4102, 4202, 4203, 4222, 4502, 4702, and 4853.

Combined Bachelor’s / Master’s Degree Program in Statistics

The combined BS/MS degree program in the Department of Statistics is designed for academically strong students who wish to pursue an accelerated program culminating in a Bachelor of Science degree in Statistics and a Master of Science degree in Applied Statistics. This five-year program allows up to fifteen (15) semester hours of coursework to be dually counted toward both the BS and the MS degree.

An undergraduate student wishing to enroll in this program must meet the following criteria:
1. Completion of at least twelve (12) semester hours of mathematics or statistics in the undergraduate statistics major at Florida State University with a GPA of at least 3.2.

2. Completion of at least sixty (60) semester hours at the Florida State University with a GPA of at least 3.0. Transfer students must have completed at least two semesters and twenty-four (24) semester hours at FSU with the same minimum GPA.

Undergraduate students may apply as early as the second semester of their sophomore year. If accepted, they should take the GRE at the end of their junior year and apply to the graduate school during the first semester of their senior year.

For more information, please visit http://stat.fsu.edu/graduate/redbook/5year.html.

Definition of Prefixes

EGN — General Engineering

QMB — Quantitative Methods in Business

STA — Statistics

Undergraduate Courses


SCM 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1).

Note: For descriptions of the above courses, see interdisciplinary science courses listed in the “College of Arts and Sciences” chapter of this General Bulletin.

EHN 3443. Statistical Topics in Engineering (3).
Prerequisite: MAC 2312. Basic statistical analysis, samples and populations, variability, hypothesis formulation, and data analysis. Use of computer software and interpretation of results.

QMB 3300. Quantitative Methods for Business Decisions (3).
STA 1013. Statistics through Example (3).
Fundamental concepts of statistics including descriptive measures, randomness, estimation of proportions, central tendency, rare event principle, association versus causation, and risk.

Prerequisite: MAC 1105 or its equivalent. No credit is given for STA 2023 if “C–” or better has been previously earned in STA 2122, 2171, or 3032. High school students who have an “A” or better on the AP test will receive credit for STA 2023. Statistical applications in business, involving graphical and numerical descriptions of data, data collection, elementary probability, random variables, binomial and normal distributions, sampling distributions, and confidence intervals and hypothesis tests for a single example.

STA 2122. Introduction to Applied Statistics (4).
Prerequisite: MAC 1105. Subsequent credit for STA 5126 is not permitted. No credit is given for STA 2122 if “C–” or better is earned in STA 2171, 3032 or QMB 3200. Only two (2) hours credit given for STA 2122 if “C–” or better was previously earned in STA 2023 or 3014. Data collection, sample variation, basic probability, confidence intervals, hypothesis testing, analysis of variance, contingency tables, correlation, regression.

STA 2171. Statistics for Biology (4).
Prerequisite: MAC 2311. STA 2171 is for biology majors only. Other students must have approval from the Department of Statistics. Only two (2) semester hours of credit are given for STA 2171 if “C–” or better has been previously earned in STA 2122, 2171, or 3032. High school students who have an “A” or better on the AP test will receive credit for STA 2023. This course provides an introduction to statistics emphasizing applications to biology. Topics include: Descriptive statistics, elementary probability, the binomial and normal distributions, confidence intervals and hypothesis tests for means and proportions, correlation and regression, contingency tables and goodness-of-fit tests as well as analysis of variance.

Prerequisite: STA 2122 or 2171. Course covers linear and multiple regression; one-and-two-way analysis of variance; chi-square and contingency tables, design, analysis, evaluation and interpretation of statistical models. Well-prepared students can skip STA 3024 and take either STA 4202 or 4203. STA 3024 does not count toward statistics majors or statistics minors.

STA 3032. Applied Statistics for Engineers and Scientists (3-5).
Prerequisite: MAC 2312. This course will cover calculus-based probability, discrete and continuous random variables, joint distributions, sample and distributions and the central limit theorem. Topics include descriptive statistics, interval estimates and hypothesis tests, ANOVA, correlation, simple and multiple regression, analysis of categorical data, and statistical quality control.

Prerequisites: At least one previous course in statistics above STA 1013; some previous programming experience is required. Matlab and a programming language (C/Fortran) will be used. Floating point arithmetic, numerical matrix analysis, multiple regression analysis, non-linear optimization, root finding, numerical integration, Monte-Carlo sampling, survey of density estimation methods, Gibbs sampling.

STA 4402. Analysis of Variance and Design of Experiments (3).
Prerequisites: STA 2122, 2171, 3032, or QMB 3200. Subsequent credit for STA 5406 is not permitted. Only two (2) hours credit will be given for STA 4402 if “C–” or better has been earned previously in STA 3024.

STA 4403. Applied Regression Methods (3).
Prerequisites: STA 2122, 2171, 3032, or QMB 3200. Subsequent credit for STA 5407 is not permitted. Only two (2) hours credit will be given for STA 4403 if “C–” or better has been earned previously in STA 3024.

STA 4853. Time Series and Forecasting Methods (3).
Prerequisites: QMB 3200 or equivalent; STA 2122, 2171, 3032; knowledge of PC’s or UNIX. Autoregressive, moving average and mixed models, autocorrelation and cross-correlation functions, model identification, forecasting techniques, seasonal model identification, estimation and forecasting, intervention and transfer function model identification, estimation and forecasting. Subsequent credit for STA 5856 is not permitted.

STA 4907. Directed Individual Study (2-3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

STA 4930r. Selected Topics in Statistics, Probability, or Operations Research (2-3). May be repeated to a maximum of twelve (12) semester hours.

STA 4970r. Honors Thesis in Statistics (3). Students selected by the University and the Department honors program may take this course. Consent of the thesis adviser is mandatory. May be repeated to a maximum of six (6) semester hours.

Graduate Courses


STA 5107. Computational Methods in Statistics II (3).

STA 5126. Introduction to Applied Statistics (4).

STA 5166. Statistics in Applications I (3).

STA 5167. Statistics in Applications II (3).

STA 5168. Statistics in Applications III (3).


STA 5172. Statistics for Epidemiology (3).

STA 5176. Statistical Modeling with Application to Biology (3).

STA 5179. Applied Survival Analysis (3).

STA 5206. Analysis of Variance and Design of Experiments (3).


STA 5208. Linear Statistical Models (3).

STA 5226. Sample Surveys (3).

STA 5238. Applied Logistic Regression (3).

STA 5244. Clinical Trials (3).

STA 5255. Mathematical Statistics (3).

STA 5266. Distribution Theory and Inference (3).

STA 5271. Statistical Inference (3).

STA 5334. Limit Theory of Statistics (3).

STA 5440. Introductory Probability I (3).

STA 5446. Probability and Measure (3).

STA 5447. Probability Theory (3).

STA 5457. Applied Nonparametric Statistics (3).


STA 5666. Statistics for Quality and Productivity (3).

STA 5676. Reliability Theory and Life Testing (4).

STA 5707. Applied Multivariate Analysis (3).

STA 5746. Multivariate Analysis (3).

STA 5807r. Topics in Stochastic Processes (3).

STA 5856. Time Series and Forecasting Methods (3).

STA 5906r. Selected Topics in Statistics, Probability, or Operations Research (2-3).

STA 5936. Graduate Orientation Seminar (1) (S/U grade only).

STA 5938. Topics in Medical Consulting (3).
Department of TEXTILES AND CONSUMER SCIENCES

COLLEGE OF HUMAN SCIENCES

Chair: Rinn M. Cloud; Professors: Cloud, Goldsmith, Moore; Associate Professors: Black, Fiorito, Grise, Heitmeyer, Sullivan; Assistant Professors: Kim, Lee; Research Associate: McLaughlin; Assistant in Historic Textiles: Blanco; Assistant in Residential Science: Hattaway; Assistant in Apparel Design: Brown; Assistant in Merchandising and Textiles: Sanders; Professors Emeriti: Adam, Avery, Davis, Edgeworth, Kittles, Kuehne, Warden

http://www.chs.fsu.edu/tcs

From New York design houses to a planned community on the Gulf Coast, from Rodeo Drive in California to the Kennedy Space Center in Florida, graduates from the Department of Textiles and Consumer Sciences (TCS) find opportunities for exciting careers with apparel, textile, retailing and residential management firms.

Students seeking a BS degree may select from four majors: apparel design and technology, merchandising, textiles, or housing. These stimulating areas of study allow the student to combine an interest in business, art, science, and/or technology with direct, practical application to the design, distribution, merchandising and management of fashion products, residential housing and other consumer goods and services. Students prepare for executive management positions in industry or government through which they address the needs of individuals, families, and communities for fashionable and functional apparel and textile products, profitable retail businesses, and successful residential environments.

The department boasts outstanding facilities and leading-edge technology for each major. The recently upgraded Lectra Design Laboratory includes 21 workstations and high quality printers, digitizers, and scanners. Multi-media computers are equipped with Lectra computer-aided apparel design and visual merchandising software, Adobe Photoshop and Illustrator, word processing, spreadsheet and presentation packages, and DataCAD’s three-dimensional structural design software that allows residential science students to develop plans for single and multi-family dwellings. Residential science students also are licensed to use Real Page management software from these computers. The Macy’s Merchandising Laboratory provides hands-on experience with merchandise presentation techniques and inventory management. The latest color communication technology, modern chemical and physical testing facilities, and computerized analytical equipment are found in the Textile Evaluation and Research Laboratory Complex.

The Historic Clothing and Textiles Laboratory and Exhibit Gallery provides museum-quality conservation, storage and display space for an outstanding teaching and study collection. Apparel and accessories in the collection date from the late 1700’s, with pieces tracing the history of Florida and its residents, including garments and textiles of the Seminole Indians. Other textile pieces include the unique Carter Collection of pre-Columbian Peruvian textiles from the late 1400’s. Gallery displays with various themes are available for viewing throughout the year and students often participate in designing and mounting exhibits. These facilities and associated coursework contribute to the department’s participation in the University’s Museum Studies Certificate program.

An excellent teaching and research faculty provides students with a challenging academic environment. Due to their strong commitment to the personal and professional development of students, the faculty provide outstanding academic advising for students. Honors in the major projects and other directed individual study experiences allow students who meet eligibility requirements to pursue particular areas of individual interest. Team projects, computer projects, field trips, and speakers from the textile, apparel, housing, and retail industries are a regular part of the learning environment. Internships are required in the merchandising program, but are optional in other majors. The highly popular TCS summer study abroad program provides unique opportunities for students to study global aspects of the field while visiting international sites. Department-sponsored student organizations supplement classroom learning by providing opportunities to develop leadership skills in professional settings.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from The Florida State University. They may be taken either at a community college or in a university lower-division program. It is expected that these common course prerequisites will be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Apparel Design and Technology

1. One course in art history or appreciation (ARH prefix) for three (3) semester hours;
2. CTE X310;
3. CTE X401;
4. FAD X230;
5. ECO X013;
6. ECO X023;
7. FAD X230;
8. PSY X012.

Merchandising

1. ACG X021;
2. CGS X060;
3. CTE X312;
4. CTE X401;
5. ECO X013;
6. ECO X023;
7. FAD X230;
8. PSY X012.

Textiles

1. Two courses in chemistry (CHM prefix) for six (6) semester hours or two courses in physics (PHY prefix) for six (6) semester hours;
2. CTE X312;
3. CTE X401;
4. ECO X013;
5. ECO X023;
6. FAD X230;
7. Two courses in mathematics (MAC prefix) for six (6) semester hours;
8. PSY X012.

Housing

1. ECO X000;
2. FAD X230;
3. PSY X012.

Note: Contact the department for additional information.
Honors in the Major

The Department of Textiles and Consumer Sciences offers a program of honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin. Interested students who meet eligibility requirements should discuss this opportunity with their faculty adviser early in their junior year.

Entrance and Retention Requirements for Majors

Students are eligible to enter the Department of Textiles and Consumer Sciences when they have met the University requirements for transfer to an upper-division program, including an overall GPA of 2.0 or higher and completion of all math and CLAST requirements. Additionally, specified foundation courses required for each major must have been completed with a grade of “C–” or better. See individual major descriptions for a listing of these courses and additional eligibility requirements. A separate application to the department is not required.

To remain in good standing in the program, students in all majors in the department must achieve and maintain a GPA of 2.5. Students must be in good standing to take senior-level classes, to intern, and to graduate. A grade of “C–” or better must be achieved in all courses required for the majors, including foundation courses, college core requirements and professional electives. See individual major descriptions for specific additional retention requirements.

Faculty advisers are designated for each major and a full-time professional adviser is assigned to work with freshmen and sophomores. Students are expected to attend group advising sessions each semester and to meet with an adviser as needed. Advisers assist students with the proper sequencing of courses and provide other academic planning and career guidance. Students are responsible for reading this General Bulletin and other advising materials distributed by the department and abiding by the academic policies and requirements described within them, including course prerequisites. The department reserves the right to drop students from classes for which they have not completed the prerequisites.

The curriculum for each major in the department comprises four parts: liberal studies/university competencies, College of Human Sciences core, major course requirements and professional electives. Students must meet the curricular requirements in effect at the time they enter the major. Detailed curriculum sheets are available from the department office and on our Web site.

College of Human Sciences Core

All students in the department are required to complete the College of Human Sciences core requirements consisting of the following eight (8) semester hours: HOE 3050 (2), FAD 2230 (3), and one or three (3) semester hour course in the college outside their major field of study to be selected from a list of approved courses available from the department, unless a specific course is designated.

Apparel Design and Technology

Apparel design and technology is a highly competitive but rewarding field for the creative individual. A successful designer is able to predict consumer reaction and to work within the financial constraints of the production and manufacturing process to design apparel that is both fashionable and functional. The curriculum prepares students to apply the elements and principles of visual design to meet the physical, social, psychological, and aesthetic apparel needs of individuals. Graduates seek positions in major design centers such as New York, Atlanta, Dallas, Miami, or Los Angeles, or work with apparel firms throughout the United States or abroad. Typical starting positions include assistant designer, stylist, assistant product development specialist, and product manager.

Design courses are sequenced such that it requires a minimum of seven regular (non-summer) semesters, beginning with a spring semester, to complete studio courses. The first course in the sequence, CTE 1310, may be taken via distance learning by students who are completing AA requirements at a community college in anticipation of pursuing this major at FSU. Call the department for details. A grade of “B–” or better must be achieved in CTE 1310 to advance in sequenced design courses. Only one retake of this course will be allowed. Apparel design students are required to have a sewing machine for working on projects outside of class. A grade of “C–” or better must be achieved in all courses required for the major. No more than one (1) of the following courses may be repeated by an apparel design major: CTE 3319, 3341, 3734, 3742, 4712, 4725, 4726, 4752. Foundation courses include: a three (3) semester hour course with an ARH designation, or ART 2003; PSY 2012, or SYG 1000 or 2010; and ECO 2013 or 2023 or 2060 or 2100. Oral competency may be met by taking CGS 2060 or 2100. A GPA of 2.5 is strongly recommended as the second math course. This major is math intensive. A grade of “C–” or better must be achieved in all courses required for the major including foundation courses, which, in addition to math requirements, are: ECO 2013 and 2023, PSY 2012 or SYG 1000 or SYG 1002 or SYG 2023, CGS 2014 or 2100. A grade of “C–” or better must be achieved in ACG 2021, CGS 2060 or 2100, and one of the required ECO courses, in order to enter the upper division. No more than one retake is allowed for ACG 2021. Oral competency may be met through any course approved as such by the university. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our Web site. Students are expected to meet the curriculum requirements in place, at the time they enter the major. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, to intern and to graduate.

Internship

Internship courses are sequenced such that it requires a minimum of seven (7) semester hours: MGF 1106 or 1107 or 1112; CTE 1310, 3319, 3712, 3725, 3726, 3734, 3742, 3752 or 4712, 4725, 4726, 4752. Foundation courses include: a three (3) semester hour course with an ARH designation, or ART 2003; PSY 2012, or SYG 1000 or 2010; and ECO 2013 or 2023. Computer competency is met by taking CGS 2060 or 2100. A grade of “C–” or better must be achieved in ACG 2021, CGS 2060 or 2100, and one of the required ECO courses, in order to enter the upper division. No more than one retake is allowed for ACG 2021. Oral competency may be met through any course approved as such by the university. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our Web site. Students are expected to meet the curriculum requirements in place, at the time they enter the major. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, to intern and to graduate.

Merchandising

Merchandising prepares students for entry-level retail management, buying, and product development positions in a variety of exciting retailing and merchandise-related organizations. The curriculum emphasizes retail merchandise management and analytical skills associated with the retail buying, distribution, and merchandising of all consumer goods, with emphasis on soft goods and food products. Students who complete a minor in communication also may focus their career development on fashion publishing. Internships within the retail industry or with manufacturers or design firms provide real-world business experiences. Graduates of the program are sought by recruiters from the top retail firms. The recruiters visit campus to give presentations and interview students who may be interested in joining their organizations.

Completion with a grade of “C–” or better in MGF 1106 or 1107 or MAC 1102 or 1105 is a prerequisite to all merchandising courses. STA 1013 or 2023 is strongly recommended as the second math course. This major is math intensive. A grade of “C–” or better must be achieved in all courses required for the major including foundation courses, which, in addition to math requirements, are: ECO 2013 and 2023, PSY 2012 or SYG 1000 or SYG 1002 or SYG 2023, CGS 2014 or 2100. A grade of “C–” or better must be achieved in ACG 2021, CGS 2060 or 2100, and one of the required ECO courses, in order to enter the upper division. No more than one retake is allowed for ACG 2021. Oral competency may be met through any course approved as such by the university. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our Web site. Students are expected to meet the curriculum requirements in place, at the time they enter the major. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, to intern and to graduate.
in a location where the objectives of the internship can best be achieved. Failure to accept an assignment relieves the Department of Textiles and Consumer Sciences and the University of any further responsibility to provide an internship.

A candidate for internship is expected to meet the standards set by pertinent state laws and by the cooperating firms. Candidates should be aware that, consistent with applicable law, information pertaining to all public records (such as arrest and/or conviction in a court of law) may be routinely furnished to the cooperating stores as well as to prospective employers. The Department of Textiles and Consumer Sciences will take all reasonable steps to place a student in an internship but will not be liable if a student cannot be placed.

Application for internship should be made by the student as soon as eligibility requirements (see below) are met. There is a limit as to the number of students who can intern in any given semester, so early application is advised. Application forms must be requested in person and an eligibility verification form must be signed by the student at the time of request. The following eligibility requirements must be met in order to submit an intern application form and be assigned to a particular semester for the internship.

1. Students must have a minimum of fifty-five (55) semester hours earned and complete the following classes with a C– or better before they can submit a merchandising intern application form: CTE 1401, 1401L, 3806, 4937; MAC 1105 or MGF 1106 or 1107; ACG 2021; CGS 2060 or 2100; ECO 2013 or 2023.

2. Students must have an adviser-approved, completed planning sheet in the departmental advising file showing that it is reasonable for the student to complete the internship in the semester for which he or she is applying.

3. Students must have an overall FSU GPA of 2.3 or higher at the time of initial submission of the intern application and must continue to increase the FSU GPA toward the required intern block FSU GPA (2.5) in order to maintain an active application. Any student who is placed on academic probation or whose overall FSU GPA drops below 2.3 will lose his or her application status and must reapply. Early in the semester immediately prior to the internship (not a summer term), the student must submit an intern clearance form and a departmental graduation check showing that the student has met or will meet the prerequisites for registering for the intern block. For more information regarding internship requirements, please contact the Department of Textiles and Consumer Sciences.

Textiles

The textiles program prepares students for a wide variety of challenging careers in textile product development, quality assurance, product testing, or fabric sourcing. Students gain an understanding of the many factors affecting textile product performance, consumer demand, and choice of textile products. Product development concepts and principles are applied to a wide range of softgoods products with particular emphasis on apparel and interior textiles.

A grade of "C–" or better must be achieved in all courses required for the major. Foundation courses include: ARH 3056, 3130, 3150, or HUM 2210; ECO 2013 and 2023; MAC 1105 or MGF 1106 or 1107; ACG 2021; CGS 2060 or 2100; ECO 2013 or 2023.

Residential property management combines an interest in the residential environment with the business, social, and creative aspects of developing and managing residential properties. Students learn to critically analyze housing needs of diverse populations and to assess the functionality and aesthetics of various solutions to meet those needs. They study the financial and legal aspects of developing communities with traditional and New Urban approaches, and the executive management of companies operating a variety of residential types, including mixed use, student housing, affordable housing, military housing, retirement options, apartments, and condominiums. Coursework explores the effects of residential design on physical characteristics such as energy use, as well as its effects on the social and psychological health of individuals and families.

Executive management positions such as community manager, multi-property manager, marketing and training director, or asset manager are available throughout Florida and the nation. Internships from companies represented on the advisory board are available readily for well qualified students. Students may complete an internship or take an additional six (6) semester hours of professional electives. Specific requirements related to the internship and forms for applying are available from the residential property management advisor.

A grade of “B–” or better is required in HHD 2152, 3120, and 3820. No more than one retake from this list of courses is allowed. A grade of “C–” or better must be achieved in all other courses required for the major.

Specified foundation courses include: ARH 3056, 3130, 3150, or HUM 2210; ECO 2013 and 2023; MAC 1105 or MGF 1106 or 1107; PSY 2012, or SYG 1000 or 2010; STA 1013. Computer competency is met by taking CGS 2060 or 2100. Oral competency may be met through any course approved as such by the university. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our Web site. Students are expected to meet the curriculum requirements in place, at the time they enter the major. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, to intern and to graduate.

Requirements for Minors and Double Majors

Due to the heavy demand for courses by our majors, all minors in the TCS department have been discontinued. Students who have already begun a minor with the approval of the department will be allowed to complete the minor on a space available basis if their overall FSU GPA is a 2.5 or higher.

Students desiring to double major in one of our programs of study must have an overall FSU GPA of 3.3 or better. Double majors must complete all major requirements except unspecified professional electives.

Definition of Prefixes

COA—Home Economics: Consumer Affairs

CTE—Home Economics: Clothing, Textiles and Merchandising

HEE—Home Economics Education

HHD—Housing and Home Design

HME—Home Economics: Home Management and Equipment

HOE—Home Economics: General

Undergraduate Courses

COA 3151. Consumer Competence in a Complex Society (3). Improving levels of living through increased consumer competence. The consumer movement and current issues. A grade of "B–" or better is required in HHD 2152, 3120, and 3820. May be repeated to a maximum of six (6) semester hours.

COA 4905r. Directed Individual Study in Family Economics and Home Management (1–3). May be repeated to a maximum of twelve (12) semester hours as topics vary.

COA 4944r. Consumer Education Practicum (1–6). A working-learning experience in consumer affairs. May be repeated to a maximum of six (6) semester hours.

COA 4945r. Special Topics in Consumer Economics: Topics Vary (1–9). Study of various consumer or resource management issues/trends. May be repeated to a maximum of twelve (12) semester hours as topics vary.

CTE 1310. Basic Apparel Construction (3). Basic methods of apparel construction using hand and machine sewing techniques. Open to apparel design and family and consumer sciences education majors only. (Spring semester only.)

CTE 1401. Introductory Textile Science (3). Introduction to physical and chemical aspects of fibers, yarns, fabrics, finishes, and textiles coloration. Interrelationships between textile characteristics, properties and end-use requirements.

CTE 1401L. Apparel Textiles Laboratory (1). Prerequisite or corequisite: CTE 1401. Introduction to the identification and analysis of textiles for end-use performance. Hands-on experience in the identification and analysis of fibers, yarns, fabrics, finishes, and textiles coloration.

Housing

Note: Due to the pending changes in this major program, please refer to http://www.css.fsu.edu/ctcs for the most recent information concerning this program.

The housing major focuses on the management and development of residential properties. To ensure the program provides students with cutting-edge knowledge and skills relevant to the industry, the housing program is supported by an advisory board with representatives from residential property management firms and their vendors.
Prerequisites: CTE 1401, 1401L, 3201, 3341 or 3763, 3806 (all “C–” or better); 2.5 GPA, and prior merchandising intern block for merchandising majors only. (Fall semester only.)

4390. Merchandising Management (3). Prerequisites: CTE 3763, 3806, 3823, 3852, 4822; MAR 3023 (all “C–” or better); 2.5 GPA. Principles of effective merchandising management through understanding the merchandising management process and the merchandising management environment. Focus on planning and managing buying: planned stocks, open-to-buy, markups, markdowns, and other buying formulas. Must be taken in Summer or semester immediately prior to intern block.

4391. Professional Merchandising Internship (3). Prerequisites: CTE 3763, 3806, 3824, 4823, 4822; MAR 3023 (all “C–” or better); 2.5 GPA. Pre- or corequisite: CTE 4811, 4890, 4892. An internship in a retail setting giving the student an understanding of merchandising functions by positioning the student in retail management, buying, or product merchandising. Both professional development and career preparation are emphasized. This course is part of the intern block for merchandising majors only.

4390r. Intern/Career Preparation (1). Prerequisites: CTE 3763, 3806, 3824, 4822; MAR 3023 (all “C–” or better); 2.5 GPA. Preparation for merchandising internships and retail operations. Professional development and responsibilities of intern and executive trainees in retail operations. This course is part of the intern block for merchandising majors only.

4051. Special Problems in Clothing Design (3). Prerequisites: CTE 3341, 3734, 3784, 4725, 4752 (all “C–” or better); 2.5 GPA. Functional and creative designs for individuals with special needs. Research and problem solving in a specialized area of apparel design. Open to apparel design majors only. (Fall semester only.)

4725r. Advanced Apparel Design (3–6). Prerequisites: CTE 3341, 3734, 3784, 4752, 4752, 4773 (all “C–” or better); 2.5 GPA. Creative designing, including integration of various advanced design methods to create appealing, fashionable and functional apparel. May be repeated to a maximum of six (6) semester hours. Open to apparel design majors only. (Fall semester only.)

4761. History of Clothing and Textiles II (3). Clothing and textiles as a reflection of the arts, customs, religion, technological development, and economy of the times covering Western dress from the 15th century to the present. Open to apparel design majors only. (Fall semester only.)

3734. Twentieth Century Design (3). Prerequisites: CTE 3751 or 3516, and CTE 3201 (both “C–” or better). Study of design trends in the twentieth century with an emphasis on fashion and textiles. Design practices and styles as a reflection of art, customs, popular culture, technological development, and economy of the times. A minimum of two semesters is required to complete an honors project. (Fall semester only.)

4737. Fashion Design and Illustration (3). Prerequisites: CTE 1401, 1401L, 3201, 3319, 3742 (all “C–” or better). Developing skills and techniques to visually present creative apparel design ideas. This design major seminar is designed to acquaint the student with the technical aspects of clothing design. Behavioral theories that govern the use of clothing in various cultural contexts. Must be taken in Summer or semester immediately prior to intern block.

4726. Apparel Design Collection (3). Prerequisites: CTE 1401, 1401L, 1401, 3201, 3806 (all “C–” or better). Topics of current technology and research in textile science. Specific topics will vary. May be repeated to a maximum of six (6) semester hours when topics vary. (Spring semester only.)

4744r. Special Topics (1–3). Analysis of current issues and practices in textiles and consumer sciences. May be repeated to a maximum of twelve (12) semester hours as topics vary.

4460. Textiles in the Global Economy (3). Prerequisites: CTE 1401, 3806, ECO 2013 or 2023 (all “C–” or better). Economic factors of production, distribution, and consumption of textile products. The impact of legislation, regulations, and international trade on the global textile and apparel market. (Fall semester only.)

4461. Historic and Ethnic Textiles (3). Prerequisites: CTE 1401, 1401L, 3515 or 3516 (all “C–” or better). Selected Western and non-Western textile developments from ancient to modern times, and their relationships to technological, economic, political, social, religious, aesthetic, and cultural influences. Introduction to historic textiles conservation and research. Open to apparel design majors only. (Spring semester only.)

4462. Quantitative Merchandising Management (3). Prerequisites: ACG 2021; CGS 2060 or 2100, CTE 3806; ECO 2013 and 2023; MGF 1106 or 1107; MAC 1102 or 1105; 2.5 GPA. Principles of effective merchandising management through understanding the merchandising management environment. May be repeated to a maximum of six (6) semester hours. Open to apparel design majors only. (Fall semester only.)

4477. Intermediate Apparel Construction (3). Prerequisites: CTE 3341, 3734, 3742 (all “C–” or better); 2.5 GPA. Fundamentals of draping on the human form as a method of fashion design. Open to apparel design majors only. (Fall semester only.)

4472. Apparel Design Collection (3). Prerequisites: CTE 4752, 4725, 4773, 4738 (all “C–” or better); 2.5 GPA. The fundamentals of draping on the human form as a method of fashion design. Open to apparel design majors only. (Fall semester only.)

4481. Merchandising Outlets (3). Prerequisites: CTE 3806, 3835, 4822; MAR 3023 (all “C–” or better); senior standing; 2.5 GPA. Study of retail merchandising firms, emphasizing organizational structure and operational methods. This course is part of the intern block for merchandising majors only. (Fall semester only.)

4482. Quantitative Merchandising Management (3). Prerequisites: ACG 2021; CGS 2060 or 2100, CTE 3806; ECO 2013 and 2023; MGF 1106 or 1107; MAC 1102 or 1105; 2.5 GPA. Principles of effective merchandising management through understanding the merchandising management environment. May be repeated to a maximum of six (6) semester hours. Open to apparel design majors only. (Fall semester only.)

4490. Executive Merchandising Management (3). Prerequisites: CTE 3806, 3835, 4622, MAR 3023 (all “C–” or better); 2.5 GPA. Roles and responsibilities of executive merchandising managers in retail culture; critical competitive challenges in the global, quality, social, and technological environment of various retail settings. This course is part of the intern block for merchandising majors only. (Fall semester only.)

4490r. Intern/Career Preparation (1). Prerequisites: CTE 3806, 3835, 4622; MAR 3023 (all “C–” or better); 2.5 GPA. Preparation for merchandising internships and retail careers. Professional development and responsibilities of intern and executive trainees in retail operations. This course is part of the intern block for merchandising majors only.

4451r. Directed Individual Study (1–6). Prerequisite: 2.5 GPA. May be repeated to a maximum of six (6) semester hours. Open to apparel design majors only. (Spring semester only.)

4441c. Textile Performance and Analysis (3). Prerequisites: CTE 1401L, 1401L, 1401 (both “C–” or better). Study of the properties influencing color and color loss, moisture content, efficiency measures, such as Energy Star Homes and Green Building Principles, particularly conservation. Basic design principles for residential housing. (Fall semester only.)
HHD 3820. Introduction to Housing Management (3). Prerequisite: CGS 2060 or 2100; ECO 2013 or 2023 (all “C–” or better). Corequisite: HHD 3120. Basic principles in the management of residential housing with focus on the roles and responsibilities of the property manager for multi-family housing units. (Fall semester only)

HHD 4135. Accessible Housing (3). Prerequisites: HHD 3120, 3130. An analysis of residential housing needs and constraints for the elderly and persons with disabilities including housing design features and barrier-free design, community services, housing options, and public policy.

HHD 4250. Housing Designs and Human Behavior (3). Prerequisites: HHD 3120, 3130. The interrelationship between the built environment and the behavior of man including physical, psychological, and social needs.

HHD 4326. Interior Products Specifications (3). Prerequisites: HHD 3120 ("B–" or better); CTE 1401, 3201; HHD 3130 (all “C–” or better). Factors used in the selecting, purchasing, specifying and estimating of interior products such as furniture, carpet, paint, window treatments, cabinets, countertops, faucets and fixtures and lighting. Study includes codes and standards that impact the sale and installation of products in the residential environment. An overview of wholesale and retail operations of interior products is presented by industry professionals.

HHD 4823. Marketing Issues in Property Management (3). Prerequisites: HHD 3120, 3820 (both “B–" or better); 2.5 GPA. Analysis of marketing issues in residential science through lecture and applied format. Topics include: general marketing and consumer behavior terminology and theories, personal selling, leasing strategies, advertising in property management, fair housing, marketing strategies, development of marketing plans and resident retention.

HHD 4829. Advanced Residential Property Management (3). Prerequisite: HHD 3120, 3820 (both “B–" or better); 2.5 GPA. The course focuses on advanced principles of residential property management. Topics include: legal responsibilities, management issues, fair housing, risk management, marketing, property maintenance, and human resource management. Students will be eligible to sit for the CAM designation of the National Apartment Association upon completion of this class.

HHD 4905r. Directed Individual Study in Housing (1–6). Prerequisite: 2.5 GPA. May be repeated to a maximum of six (6) semester hours.

HHD 4935. Leadership Development in Residential Science (3). Prerequisite: HHD 4829. This course acts as a survey of professional topics related to the residential sciences industry presented by various company representatives. Topics will vary and examples include: work place ethics, fair housing, report analysis, affordable housing, dealing with difficult people, leadership skills, school to work transitions, career development and marketing/sales.

HHD 4940r. Internship in Housing (1–6). (S/U grade only) Prerequisites: Housing majors only with grade of “B–" or better in HHD 2152, 3120, 3820, and “C–" or better in 4823, 4829; 2.5 GPA. Supervised practical field experiences in various areas of housing professions. May be repeated to a maximum of nine (9) semester hours.

HME 4221. Family Resource Management (3). Analysis of family decision making, goals, values, and resources.

HOE 3050. Developments and Trends in Home Economics (2). Course covers professionalism, career awareness, the job market, and current trends and developments in the human sciences.

HOE 3330. Human Sciences and Human Development: Global Perspectives (3). A study of the uniformity of basic human needs worldwide and the diverse ways of meeting them according to culture, climate, and resources using family as the core coordinating and delivery system.

Graduate Courses

COA 5150. Family Economics (3).

COA 5906r. Directed Individual Study (1–3). (S/U grade only.)

COA 5912r. Supervised Research (1–3). (S/U grade only.)

COA 5942r. Supervised Teaching (1–3). (S/U grade only.)

COA 5945r. Supervised Teaching (1–3). (S/U grade only.)

COA 5946r. Directed Individual Study (1–3).

COA 5948r. Research Analysis in Clothing and Textiles (3).

COA 5950r. Clothing and Textiles Seminar (1).

COA 5942r. Supervised Teaching (1–3). (S/U grade only.)

COA 5945r. Museum Studies Internship (1–6).

COA 6936r. Special Topics in Clothing/Textiles/Fashion Merchandising (3).

HHD 5136. Accessible Housing (3).

HHD 5251. Environment and Human Behavior (3).

HHD 5906r. Directed Individual Study (1–3). (S/U grade only.)

HHD 5915r. Supervised Research (1–3). (S/U grade only.)

HHD 5942r. Supervised Teaching (1–3). (S/U grade only.)

HHD 5936r. Special Topics in Housing: Topics Vary (1–6).

HME 5830r. Research Analysis in Clothing and Textiles (3).

HME 5884. Advanced Fashion Merchandising Practicum (4). (S/U grade only.)

HME 5930r. Family Resource Management (3). Analysis of family decision making, goals, values, and resources.

HME 5946r. Directed Individual Study (1–3).

HME 5911. Research Analysis in Clothing and Textiles (3).

HME 5912r. Supervised Research (1–3). (S/U grade only.)

HME 5946r. Directed Individual Study (1–3).

HME 5942r. Supervised Teaching (1–3). (S/U grade only.)

HME 5945r. Museum Studies Internship (1–6).

HME 5900r. Readings in Clothing and Textiles (1–3). (S/U grade only.)

HME 6932r. Clothing and Textiles Seminar (1).

HME 6936r. Special Topics in Clothing/Textiles/Fashion Merchandising (3).

HME 5347. International Home Economics (1–3).

HHD 5136. Accessible Housing (3).

HHD 5251. Environment and Human Behavior (3).

HHD 5906r. Directed Individual Study (1–3). (S/U grade only.)

HHD 5915r. Supervised Research (1–3). (S/U grade only.)

HHD 5942r. Supervised Teaching (1–3). (S/U grade only.)

HHD 5936r. Special Topics in Housing: Topics Vary (1–6).

HME 6938r. Proseminar in Home Economics (1–2). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

ACADEMIC PROGRAMS

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from the Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. THE X000 or any three (3) semester hour introductory course from X001–X035 at the 1 or 2 level;
2. THE X305 or THE X300;
3. THE X925;
4. TPA X290;
5. TPA X200 or TPA X210;
6. TPP X190 or TPP X110;
7. Nine (9) additional semester hours of any combination of THE, TPA, and TPP courses.
Requirements

Admission To Upper Division

Students should contact the School of Theatre Office of Academic and Student Services regarding GPA and course requirements for admission to upper division.

Attendance Requirement for All School Events

All undergraduate students in the School of Theatre must register for THE 4990 every fall and spring in which they are enrolled as a theatre major. This course is a zero (0) credit, S/U course. Students must attend all school meetings, required plays, the design/tech exhibit, and other required events. Failure to comply with this requirement will jeopardize graduation eligibility.

Liberal Studies Program

All undergraduates in theatre are required to meet the liberal studies requirements as specified in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Theatre Laboratory Requirement

Theatre majors must complete three semesters of technical theatre laboratories. Courses must be taken every semester beginning the first semester in residence until the requirement is complete. Students transferring with a major in theatre may receive transfer credit for no more than one laboratory course.

Retention Standards

A grade of “C–” or better is required in all major courses and prerequisites except THE 2020, which requires a “B–” or better. Students may only retake a major requirement once in which a grade below the minimum was received. (THE 2020 may be taken only once.) The class must be retaken the following semester and a minimum grade of “C–” must be achieved for retention. BA students must maintain a minimum GPA of 3.0 in major requirements and a cumulative GPA of 3.0; BFA acting and music theatre students must maintain a minimum GPA of 3.0 in major requirements and a cumulative GPA of 2.5. BFA design/technology students must maintain a minimum GPA of 3.0 in major course work and a 3.0 cumulative GPA. If a student receives a “D” or “F” in a major requirement, or if the GPA falls below the minimum, the student will be placed on probation for the following semester. If the grade or GPA does not meet minimum standards by the end of the probationary semester, the student will be dismissed from the program.

The School of Theatre retains the right to refuse admission or terminate enrollment at any time if a student fails to maintain the standards of the program.

Honors in Theatre

The School of Theatre offers a program in honors to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Bachelor of Arts Requirements

The bachelor of arts (BA) is a flexible liberal arts degree intended to offer a comprehensive knowledge of theatre arts. The program requires a balance of theatre core classes and electives that allow students the opportunity to explore selected areas of the theatre. Theatre core requirements include courses in performance, technical theatre, design, and theatre history. Electives can be fulfilled with additional theatre courses or any other University courses. Liberal studies requirements for the baccalaureate degree must be met. Twenty-four (24) semester hours of course work must be taken outside of the major, in addition to liberal studies. Hours taken to satisfy the bachelor of arts foreign language requirement and the multicultural requirement (if not part of either the major requirements or liberal studies) may be part of that twenty-four hours. For more information, see the ‘Bachelor of Arts Degree’ section of the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Major

A minimum of thirty-nine (39) semester hours of course work in theatre is required. Contact the Office of Academic and Student Services in the School of Theatre for a complete list of requirements.

Note: At least eighteen (18) semester hours of these required courses must be completed in residence.

Minor

A minimum of twelve (12) semester hours in theatre courses, six (6) of which must be in courses numbered 3000 or above. At least six (6) semester hours of theatre courses must be completed in residence.

Bachelor of Fine Arts Requirements

The bachelor of fine arts (BFA) is a preprofessional degree, with intensive, in-depth training. The goal is the development of both an understanding of theatre as a total art and the skills necessary for its expression. Students may concentrate in acting or music theatre. The BFA program is designed to provide the necessary foundation for specialization at the graduate or professional level. Admission to the program is highly selective. A student seeking to enter the program must offer, in addition to an acceptable GPA, an acting and/or music audition or portfolio review and a résumé. Continuation in the program is dependent not only upon academic performance but also upon development of talent and skill potential as evaluated by faculty assessment. A student’s work and commitment are under continuous review, and any candidate who fails to maintain high standards will be dismissed from the program. Although it is possible to complete all requirements within four years, it is likely that a successful course of study will take longer, since graduation depends as much on demonstrated proficiency as on credit hours.

Common Curriculum

Beyond the liberal studies requirements, BFA students are required to complete approximately seventy-four to eighty-six (74–86) semester hours in theatre and related courses. All BFA students are required to successfully complete core theatre courses and technical laboratories. Contact the Office of Academic and Student Services for complete degree requirements.

Concentration in Acting

Students with a concentration in acting must complete TPA 2248; TPP 2110r, 2111r, 2190L, 3510r, 3511r, 3710r, 3711r, 4112r, 4512r, 4712r, 4922r; THE 4260 and three (3) semester hours from THE 4110, 4111, 4233, 4236, 4244, 4245, or 4433; and eight (8) elective semester hours in performance.

Concentration in Music Theatre

Students with a concentration in music theatre must complete MUT 1111, 1112, 1241, 1242; MVV 3532r, 4542r; THE 4244, 4245; TPA2248; TPP 2110r, 2111r, 3510r, 3511r, 4112r, 4512r, 4712r, 4922r. A minimum of five (5) semester hours of private voice, keyboard, and dance are also required until proficiency is demonstrated in these skills.

London Theatre Experience

In addition to its degree programs, the School of Theatre has created The London Theatre Experience, an extraordinary, full-semester curriculum in London for select theatre majors. The emphasis of the program is on classical theatre training and includes theatre-going, backstage tours, classes with leading theatre artists, special internships and performance opportunities. Students earn a full semester of academic credit while participating in a program that makes a real difference in their lives as students, artists, and human beings. Graduate credit is available only by special request.

Facilities

There are several performance spaces available for the production of plays. All include rehearsal space. They are: the Richard G. Fallon Theatre in the Fine Arts Building; the Studio, or Augusta Conradi Theatre in the Williams Building; The Lab Theatre; and the Free Works Theatre in the Fine Arts Annex.

The Richard G. Fallon Theatre in the Fine Arts Building is a proscenium theatre with continental seating for 500 patrons. Stage equipment includes a turntable, a counterweight system, hydraulic orchestra pit, a computer
lightboard, a four-channel sound system, light and sound shops, two large-group dressing rooms, and two private dressing rooms.

The Studio, or Augusta Conradi, Theatre is a proscenium house and seats 200 patrons. The stage equipment includes a rope system, a preset lightboard, a single channel sound system, a light and sound control booth, green room, two group dressing rooms, and a small scene shop. The Augusta Conradi is used as a lecture classroom and demonstration laboratory.

The Lab is a flexible theatre space used in prosenium, thrust, arena, and open configurations. There is a variable seating capacity depending on each production’s staging requirements. There is a lighting grid, and portable sound and lighting equipment is utilized. Two subscription-season productions are mounted in the Lab Theatre each year. In addition, the space is used for student development and productions. There is an accompanying rehearsal hall next door.

The Fine Arts Annex is a small prosenium space with flexible seating. The space is used as a classroom space, rehearsal space, and as a performance space. The Free Works Theatre is operated by the Student Advisory Council as a venue for student productions.

Definition of Prefixes
THE — Theatre Studies and General Resources
TPA — Theatre Production and Administration
TPP — Theatre Performance and Performance Training

Undergraduate Courses
THE 2020. Introduction to Theatre for Majors (3). A survey course of the field of theatre, its various divisions and the School of Theatre. Preparation for independent research and communication about the profession and the school.

THE 2083r. Theatre Problems (3). Topics change per semester depending upon instructor. May be repeated to a maximum of six (6) semester hours.
THE 2100. Introduction to Theatre History (3). Survey of theatre history and drama from Greece to the present.

THE 2091. Introduction to Theatre in London (3). This introductory course is designed for nonmajor students. An introduction to the theatre movements (both American and European), European innovations 1960s–1990s, and contemporary dramatic theory.
THE 3031r. Special Topics in Theatre (3). (S/U grade only.) Topics change per semester depending upon instructor. May be repeated to a maximum of six (6) semester hours.
THE 3048r. Creative Work Experience (3). (S/U grade only.)
THE 4110. European Theatre History I (3). Prerequisite: THE 3214. An in-depth study of European theatre history from the Greeks through the Renaissance.
THE 4111. European Theatre History II (3). Prerequisite: THE 3214. An in-depth study of European theatre history after the Renaissance, with a major emphasis on the modern era (1870 to the present).


THE 2434. Musical Theatre History (3). Prerequisite: THE 2010; MUL 2211; DAN 4115; or instructor approval. A survey of the popular musical theatre from the beginnings to the 1940s, including the development of comic opera, operetta, the revue tradition, and musical comedy.

THE 2435. Musical Theatre History II (3). Prerequisite: THE 2010; MUL 2211; DAN 4115; or consent of instructor. A survey of musical theatre in America since the 1940s, including Rodgers and Hammerstein, Weill, Lerner and Loewe, Loesser, Bernstein, Sondheim, the Black musical, and the rock musical.


THE 2485. History of Architecture and Decor (3). Examination of principal periods of architectural development and interior design from Ancient Egypt through the Art Deco movement of the 1920s.
THE 3405. Play Analysis (3). Line by line script examination, analyzing how playwrights of various periods achieved characterization, structure, and plot. Prerequisite for TPP 4310 and THE 4481.

THE 4433. Gender, Race and Performance (3). Advanced introduction to contemporary theories/practices of performance of race/gender on stage and in everyday life using feminist theories of performance. Read plays by women of color, white women, one African-American text, one African text,

THE 4438. African Theatre Performance (3). Through an exploration of precolonial performance traditions, written plays, and contemporary popular culture, this course examines the cultural and political complexities of selected countries in sub-Saharan Africa.

THE 4471r. Dramaturgy (3). Prerequisite: Consent of instructor. This course is an introduction to production dramaturgy with emphasis on conducting research and preparing written reports. Topics include surveys of the critical literature, background and biography, production history and text preparation.

THE 4005r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

THE 4913r. Theatre Tutorial (1–3). (S/U grade only.) Selected topics in theatre. Upper division theatre majors only. May be repeated to a maximum of six (6) semester hours.

THE 4923r. Honors Work (1–3). (S/U grade only) to students in the honors program. Covers specialized honors course work culminating in an honors thesis. May be repeated to a maximum of nine (9) semester hours.

THE 4923r. Theatre Encounters Workshop (3). Prerequisite: Permission of instructor. A workshop production of a major dramatic work together with extensive study of the social, literary, and cultural contexts. Includes dramaturgical research and written assignments. May be repeated to a maximum of six (6) semester hours.

THE 4935r. Selected Subjects in Theatre Studies (3). In-depth examination of various topics not covered in the regular course offerings. For seniors and juniors who have completed at least fifty percent of their major requirements. May be repeated to a maximum of nine (9) semester hours.

THE 4950r. Drama for the Stage (3). Prerequisite: MUL 2211. An in-depth survey of the popular musical theatre from the beginnings to the 1940s. Course includes analysis of performances of Rodgers and Hammerstein, Weill, Lerner and Loewe, Loesser, Bernstein, Sondheim, the Black musical, and the rock musical.

THE 4990. Theatre Forum (0). (S/U grade only.) Required each semester for undergraduate majors, or Attendance required at all school meetings and designated activities scheduled at other times. May be repeated up to thirty (30) times.

TPA 2000. Creative Design for Theatre (3). Introduces the fundamental elements of design including spot, line, shape, and color while relating these elements to theatrical production scenarios.

TPA 2200C. Introduction to Stage Craft (3). Studies and practice in the construction, handling, rigging and shifting of scenery.

TPA 2201I. Introduction to Technical Theatre (3). This class is an introduction to the technical elements required to produce a theatrical production. Elements from scene and costume construction, along with lighting, sound and stage management, will be discussed.

TPA 2201L. Introduction to Technical Theater Laboratory (2). Students will gain direct experience in scene, costume or lighting production.

TPA 2211. Principles of Technical Theatre (3). Prerequisites: TPA 2201 and 2201L. To provide understanding of operation and management of scene shop as well as studying different and advanced techniques of theatrical production. New materials and adaptation of existing techniques will be studied.

TPA 2248. Stage Makeup (2). Introduction to basic makeup for the stage. Emphasis is on modeling of the face with makeup.

TPA 2290–2292. Technical Theatre Laboratory (one 1 hour each). Prerequisite: Consent of instructor. Practical experience in the nonacting areas of theatre production, to include running the box office, disseminating publicity materials, constructing scenery and properties, applying basic techniques for costume construction in practical situations, and serving on lighting, running, or maintenance crews.

TPA 2300. Drafting for the Stage (3). Prerequisite: TPA 2201. Introduction to tools and materials, including preparation of plates showing construction details and perspective.

TPA 2330. Costuming (3). Prerequisites: TPA 2201L. This introductory costume sewing class is intended to instruct students in the craft of sewing costumes for use on the stage. The class focuses on commonly accepted sewing practices used in costume shops throughout the country.

TPA 2333, 2394. Technical Theatre Laboratory (one 1 hour each). Prerequisite: Consent of instructor. Advanced practical experience in the nonacting areas of theatre production, to include running the box office, disseminating publicity materials, constructing scenery and properties, applying basic techniques for costume construction in practical situations, and serving on lighting, running, or maintenance crews.

TPA 3331. Lighting and Sound Technology for the Theatre (3). Prerequisites: TPA 2201, 2211L. This course provides an in-depth exploration of technology behind the realization of lighting and sound design, including understanding of the intermediate technologies associated with successful design.

TPA 4014. Model Making (3). This course acquaints students with current model building techniques. Students will gain experience in constructing most of the elements commonly associated with models such as doors, windows, textures, fences, trees, and props.

TPA 4020. Lighting Design I (3). Prerequisite: TPA 2201. This course acquaints students with the design process and the various tools by which a lighting designer designs and expresses his/her art. The course includes script analysis, producing light plots, and basic drafting.

TPA 4021. Lighting Design II (3). Prerequisites: TPA 3208, 4020. This course is an introduction to the lighting design process for a variety of spaces from concept to finished product. Emphasis is on script analysis. Content includes instruction in the creation and use of paperwark as well as practical aspects of lighting in both the proscenium and non-proscenium venue.

TPA 4035. Lighting Design III (3). Prerequisite: TPA 4021. This course encompasses lighting design for a variety of production styles such as musicals, opera, dance, comedy and tragedy.

TPA 4042. Lighting Design IV (3). Prerequisite: TPA 4021. This course focuses on the production of lighting design for a wide variety of spaces, from concept to finished product. Emphasis is on script analysis. Content includes an exploration of the creation and use of paperwork as well as practical aspects of lighting in both the proscenium and non-proscenium venue.

TPA 4056. Principles of Scenic Design (3). Prerequisite: TPA 3208. Beginning design techniques including ground plan, perspective, and model building.
TPA 0464. Scene Design Theory and Practice (3). Prerequisites: TPA 3208, 4060. This course demonstrates a clear process for developing a design idea and executing the final presentation.

TPA 4071. Rendering for the Stage (3). Rendering techniques for the set, costume, and lighting designer in various media. Professional equipment required.

TPA 4077. Scene Painting (3). Traditional scene painting techniques for theatre and film. Professional equipment required.

TPA 4078. Advanced Scene Painting (3). This is an advanced studio course that will develop skills introduced in TPA 4077 with non-traditional scene techniques and non-traditional materials.

TPA 4084. Life Drawing for Designers (3). This course explores the problems of figure drawing as they relate specifically to the theatrical designer using live, nude and draped models.

TPA 4217. Welding Techniques for Scenery Construction (3). A studio course that introduces the basic equipment, materials and techniques required for the cutting and welding of metals used in scenery construction.

TPA 4223. Theatrical Lighting Technology (3). Prerequisite: TPA 2201. This course explores a variety of practical skills and tools that are necessary for a career as a master electrician, programmer or other non-design application. It encompasses work in electricity, trouble shooting, special effects, light board programming and advanced technology.

TPA 4234. Costume Crafts (3). Exploration of various costume craft techniques and materials, including clay, plaster, leather, thermoplastics, casting, and metals, and their relationship to theatrical apparel.

TPA 4238. Advanced Costume Construction (3). Prerequisite: TPA 3230. This course is an advanced study in costume construction techniques utilized in theatre costume shops.

TPA 4239. Costume Patterning (3). Prerequisite: TPA 3230. This course introduces undergraduate students studying costume to many of the methods of designing and constructing patterns. Methods and procedures of costume pattern making, grading, fitting and sewing costumes.

TPA 4240. Advanced Costume Draping (3). Prerequisite: TPA 4239 or permission of instructor. This course offers advanced study in costume patterning, with an emphasis on draping techniques. It is a project-oriented course.

TPA 4241. Scene Millinery Techniques (3). Exploration into various millinery techniques including the blocked, constructed buckram, straw, and restored hats with emphasis on both historical and theatrical interpretations.


TPA 4346. Designing and Constructing Makeup, Hair, and Wigs (3). Prerequisites: TPA 4260, TPA 2000, 4040. This course examines makeup, hair, and wig styles popular throughout history. Students acquire practical experience in designing and constructing makeup, hair and wigs.

TPA 4250. AutoCAD for the Stage (3). Students will learn to apply theatrical drafting standards to AutoCAD. This course will cover basic DOS commands and structure, drafting in 2D AutoCAD, and drafting in 3D AutoCAD (including basic modeling commands).

TPA 4283. Technical Production (3). Prerequisites: TPA 2201, 2201L; permission of instructor. This course examines the production process from play selection through set design, set load-in, run of show, load out, and post mortem analysis. The course focuses on the various and linear aspects of the production, including the management and planning of the budget, pre-construction, construction, and strike aspects of the production.

TPA 4302. Structural Design for the Stage I (3). Prerequisites: TPA 2201, 2201L; permission of instructor. This course introduces the student to design, the physics and mathematics associated with successful stage structure design. Students study and apply concepts of static engineering, physical science, and material strength in the development of scenic elements.

TPA 4303. Structural Design for the Stage II (3). Prerequisites: TPA 4302, permission of instructor. This course continues the concepts and material covered in TPA 4302.

TPA 4354. Lighting Software for Theatre (3). Prerequisites: TPA 3208, 4020. This is an overview course in the primary light design and visualization software programs. No prior knowledge of computer-aided design is necessary. Significant individual work is required.

TPA 4400. Theatre Management (3). Designed to provide an introduction to the economic and managerial aspects of American theatre especially as they apply to nonprofit and professional theatre.

TPA 4401. Stage Management (2). Methods and techniques of managing simple dramatic shows to complex multiscene productions. Must be taken before stage managing a Mainstage production. Consent of instructor required.

TPA 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

TPP 4902r. BFA Design/Technology Workshop (2). Prerequisite: BFA candidates only. Evaluation and supervision of all design/technology work. May be repeated to a maximum of eight (8) semester hours.

TPP 4904r. Intensives: Stage Design, Technical Theatre, and Management (1–3). (S/U grade only.) Prerequisites: Completion of all course work in theatre, approval of faculty in appropriate specialist area. Resident internship in an approved professional theatre, shop, or enrichment center. May be repeated to a maximum of six (6) semester hours.

TPP 2110r. Performance Workshop in Acting or Directing (2). Prerequisites: BFA candidates only; permission of instructor. Course provides evaluating systematization, supervision, and dramaturgy for performance work required for BFA program. May be repeated to a maximum of ten (10) semester hours.

TPP 2111r. Musical Theatre Workshop (2). Prerequisites: BFA candidates only; permission of instructor. Course provides evaluation, systematization, supervision, and critiques of all work undertaken to date while working on acting and musical problems which occur in musical theatre and to seek their solution in performance. May be repeated to a maximum of eight (8) semester hours.

TPP 4940r. Internship in Theatre Performance (1–3). (S/U grade only.) Prerequisites: Completion of all course work in theatre, approval of faculty in appropriate specialist area. Resident internship in an approved professional theatre, shop, or enrichment center. May be repeated to a maximum of six (6) semester hours.
Academic Programs

Graduate Courses

THE 5084r. Theatre Problems (3).
THE 5119. Master’s of Modern Drama (3).
THE 5120. Advanced Theatre History I: Classical and Medieval (3).
THE 5129. Advanced Theatre History II: Renaissance and 18th Century (3).
THE 5160. Advanced Theatre History III: 19th and 20th Centuries (3).
THE 5246. Musical Theater History I (3).
THE 5247. Musical Theater History II (3).
THE 5265r. Historic Costume II (3).
THE 5273r. Seminar: Selected Topics in History of Performance (Acting and Directing) (3).
THE 5278. History of Architecture and Décor (3).
THE 5317r. Seminar: Selected Topics in Dramatic Literature and Dramatic Theory (3).
THE 5431. Gender, Race, and Performance (3).
THE 5485. Shakespearean Dramaturgy (3).
THE 5486. Graduate Dramaturgy (3).
THE 5541. Seminar in Theatrical Theory: The Tragic Dramatic Form (3).
THE 5765. Performance I for Theatre Educators (3).
THE 5770. Theatre History and Literature I for Theatre Educators (3).
THE 5771. Theatre History and Literature II for Theatre Educators (3).
THE 5772. Theatre History and Literature III for Theatre Educators (3).
THE 5905r. Directed Individual Study (S/U grade only).
THE 5910. Theatre Bibliography and Research (3).
THE 5916r. Supervised Research (1–5) (S/U grade only).
THE 5918r. Tutorial (1–3).
THE 5925r. Writing Workshop (1–3) (S/U grade only).
THE 5927r. Graduate Theatre Laboratory (2) (S/U grade only).
THE 5940r. Internship in Theatre (2–12) (S/U grade only).
THE 5943r. Supervised Teaching (1–5) (S/U grade only).
THE 6531. Methods of Theatre Criticism (3).
THE 6915. Doctoral Research Potentials (0) (S/U grade only).
TPA 5015. Stage Machinery Design and Construction (3).
TPA 5016. Model Making (3).
TPA 5025. Lighting Design I (3).
TPA 5026. Lighting Design II (3).
TPA 5027. Lighting Design III (3).
TPA 5028. Lighting Design IV (3).
TPA 5029. Lighting Design V (3).
TPA 5042r. Advanced Costume Design for the Stage (3).
TPA 5047. Advanced Costume Rendering (3).
TPA 5062. Scene Design: Theory and Practice (3).
TPA 5065. Principles of Scene Design (3).
TPA 5067r. Scenic Design III (3).
TPA 5069r. Scenic Design IV (3).
TPA 5079. Scene Painting (3).
TPA 5080r. MFA Practicum in Design for the Stage (2–15).
TPA 5086. Life Drawing for Designers (3).
TPA 5089. Advanced Technical Theatre: Problems in Scene Painting (3).
TPA 5203. Drafting (3).
TPA 5207. Technical Directions (3).
TPA 5213. Stage Rigging (3).
TPA 5227. Theatrical Lighting Technology (3).
TPA 5239r. Selected Topics in Stage Costuming and Makeup Technology (3).
TPA 5236. Advanced Costume Crafts (3).
TPA 5237r. Selected Topics in Costume Design for the Stage (3).
TPA 5242. Advanced Stage Costume Millinery Techniques (3).
TPA 5243. Costume Fitting and Advanced Draping (3).
TPA 5245. Fabric Modification for Stage Costumes (3).
TPA 5247. Advanced Designing and Constructing Makeup, Hair and Wigs (3).
TPA 5280r. MFA Practicum in Technical Theatre (2–15).
TPA 5284. Technical Production (3).
TPA 5285. Technical Production and Management (3).
TPA 5286r. Selected Topics in Technical Theatre (3).
TPA 5287. Advanced Costume Pattern (3).
TPA 5306. Structural Design for the Stage II (3).
TPA 5310. Structural Design for the Stage I (3).
TPA 5335. Costume Design for Dance (3).
TPA 5355. Lighting Software for Theatre (3).
TPA 5356. Computer Rendering for Costume Designers (3).
TPA 5385. Technical Production for Theatre Educators (3).
TPA 5386. Advanced Technical Production for Theatre Educators (3).
TPA 5405. Principles of Theatre Management (3).
TPA 5407. Fundraising in the Arts (3).
TPA 5408. Business and Legal Issues in the Arts (3).
TPA 5409. Audience Development and Arts Marketing (3).
TPA 5470r. MFA Practicum in Management (2–15).
TPA 5471. Leadership and Organizational Management in Arts (3).
TPA 5905r. Directed Individual Study (3) (S/U grade only).
TPA 5930r. Select Topics in Management (3).
TPA 5931r. Selected Topics in Stage Design (3).
TPA 5940r. MFA Internship in Technical Theatre, Stage Design, and Management (2–15).
TPP 5145r. Acting Techniques I (3).
TPP 5146r. Classical Performance Styles (3).
TPP 5284r. MFA Practicum in Acting (1–15).
TPP 5380r. MFA Practicum in Directing (2–15).
TPP 5381–83. Problems in Directing [three (3) hours each].
TPP 5515r. Movement I (3).
TPP 5516r. Movement II (3).
TPP 5551. Advanced Play Analysis (3).
TPP 5715r. Voice I (3).
TPP 5716r. Voice II (3).
TPP 5906r. Directed Individual Study (3) (S/U grade only).
TPP 5940r. MFA Internship in Theatre Performance (2–15) (S/U grade only).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

TRANSPORTATION AND TRAFFIC ENGINEERING:
see Civil and Environmental Engineering

TRANSPORTATION PLANNING:
see Urban and Regional Planning
Department of  
URBAN AND REGIONAL PLANNING  

COLLEGE OF SOCIAL SCIENCES  

Chair: Charles Connerly;  
Professors: Connerly, Deyle, Stifter, Thompson;  
Associate Professors: Audirac-Zazueta, Chapin, Doan, Miles;  
Assistant Professor: Brown;  
Research Associate: Higgins;  
Assistant in Planning: Byrne;  
Professors Emeriti: Cowart, Frank, RuBino

Urban and regional planning is an interdisciplinary field that is  
concerned with the management of population growth and decline in  
urban, suburban, and rural areas. It is concerned with the uses of land to  
accommodate population; the provision of employment, services, and  
facilities needed by this population (for example, housing, hospitals,  
routes and other transportation facilities, schools, parks and recreation,  
and health services); and the impacts of this population on the environment  
(air, water, and land), society, and governance.

Planners study these issues and develop policies and plans to accom-  
modate population growth and the problems that arise from this growth.  
Planners are concerned with the development of coordinated policy  
responses to these issues; they practice a broad view that focuses on the  
interrelationships between problems and the necessary interrelatedness  
of solutions. Above all, planners are concerned with improvements to the  
quality of life of our communities. They attempt to address these issues in  
ways that recognize the diverse interests of both genders and those of  
various social and economic groups.

Planning is practiced at all levels of government, including local,  
regional, state, multistate, and national levels. Planners are also found in  
the private sector, in the employment of development firms, law firms,  
banks, and specialized resource firms (mining, forestry, etc.); in public  
interest organizations; and in international settings.

The Department of Urban and Regional Planning offers three nonmajor  
programs for undergraduates interested in planning and urban affairs.  
These programs are designed to complement an existing major for those  
students who wish to develop an appreciation of planning or who wish  
to lay the foundation for graduate study in planning. These programs are  
the undergraduate planning studies minor, certificate and pregraduate  
programs. Within each of these three programs, students may satisfy  
their minor requirements.

Because of the variety of issues and contexts within which planners  
work, there is no one undergraduate background that is universally more  
important than others. Students may combine their interests in planning  
and urban affairs with undergraduate majors in the variety of social sci-  
ences, physical or natural sciences, business, engineering, design profes-  
sions, communications, criminology and criminal justice, and others.

Planning Studies Minor Program

This program is designed for students who wish to apply their major  
field to problems and issues in planning and urban affairs. The program  
consists of a series of courses at the 3000 and 4000 levels that provide an  
overview of planning and that introduce the student to issues, organiza-  
tions, policies, and implementation strategies. Students may earn a minor  
in urban and regional planning by completing a four-course sequence  
that is composed of two required courses and two elective courses. URP  
3000 is a prerequisite for all of the required and elective courses. Elec-  
tives are chosen from among a set of introductory courses representing  
the major policy areas taught by the department. These include growth  
management and comprehensive planning, planning for developing  
areas, environmental planning and resource management, housing and  
community development, and transportation planning.

Students interested in the planning studies minor program are advised  
to see the department’s Director of Undergraduate Programs for advice  
on the availability of courses.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development</td>
</tr>
<tr>
<td>URP 4022</td>
<td>Collective Decision Making</td>
</tr>
<tr>
<td>Elective Courses (Choose Two)</td>
<td></td>
</tr>
<tr>
<td>URP 4314</td>
<td>Introduction to Growth Management and Comprehensive Planning</td>
</tr>
<tr>
<td>URP 4402</td>
<td>Sustainable Development</td>
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</tbody>
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The Certificate Program in Urban and Regional Planning

The certificate program is intended for undergraduate students who  
want to delve more deeply into the field of planning. The program requires  
two courses in addition to the four required for the minor and is issued  
only in conjunction with the applicant’s receipt of a bachelor of arts or  
science degree and a grade of “C-” or better in all courses. One of these  
two courses is ECO 2023, Principles of Microeconomics (3). The second  
course should be chosen from a list available from the undergraduate  
program adviser.

Pre-graduate Program

This undergraduate program is designed for students who anticipate  
continuing to graduate school to earn the professional master’s degree  
in planning. Students in this program are given the opportunity to begin  
graduate-level course work in their senior year and thereby may satisfy  
some of the requirements of a graduate degree while still completing  
their undergraduate credit hour requirements. This program is closely  
coordinated with the department’s graduate program, offering students  
the possibility of preferred admission with advanced standing at the graduate  
level. Students make application for advanced standing after admission  
to the master’s program.

The pregraduate program allows acceleration toward the master of  
science in planning degree upon satisfactory completion of one required  
undergraduate course and one to four of the eligible URP graduate courses.  
URP 3000 is a prerequisite/corequisite for all courses.

Admission to the pregraduate program is available only to those  
undergraduates who are beginning or in their senior year and who have  
maintained a cumulative FSU grade point average (GPA) of at least 3.2  
or who have earned a score of at least 1000 on the combined verbal and  
quantitative portions of the GRE and those who have or are registered  
for URP 3000. Students completing this program with an upper-division  
GPA of at least 3.0 may be offered admission to the master’s program in  
planning with advanced standing for up to twelve (12) semester hours of  
course work in which the grade of “B” or higher was earned.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development (3)</td>
</tr>
</tbody>
</table>

Elective Courses (Choose One to Four)

Students interested in the Pre-graduate program are advised to see  
the department’s Director of Undergraduate Programs for advising on  
appropriate courses to take.

A guide to undergraduate studies in urban and regional planning  
is available from the department and should be consulted by all students  
enrolling in the minor planning studies or pre-graduate programs.

A minor can be earned concurrent with work on the pregraduate  
program. The minor is composed of a four-course sequence: URP 3000,  
4022, and at least two additional graduate courses.

Multicultural Studies

A variety of Urban and Regional Planning undergraduate courses  
explore perspectives of different cultural groups on questions related  
to urban life and the development of human settlements. Approved for  
credit under the University’s baccalaureate Multicultural requirement for  
Cross-cultural (X) courses are: URS 1006, World Cities; and URP 4618,  
Planning for Developing Regions. Approved under the requirement for  
Diversity in Western Cultures (Y) is: URP 4402, Sustainable Development  
Planning in the Americas.

Definition of Prefixes

- URP — Urban and Regional Planning
- URS — Urban and Regional Studies
Undergraduate Courses

**Liberal Studies Area III**

**URS 1006. World Cities: Quality of Life** (3). Major world cities are examined in terms of their natural, social and built environments in order to assess those factors that promote quality-of-life and sustainability. Prospects for future growth and change are considered in light of demographic, cultural, economic and political trends.

**Upper Division Courses**

**URP 3000. Introduction to Planning and Urban Development** (3). Introduces planning concepts and the role of planning in formulating policy, meeting critical problems, and shaping the future urban environment.

**URP 3494r. Cooperative Education Work Experience** (0) (S/U grade only.)

**URP 4022. Collective Decision Making** (3). Prerequisites: URP 3000 or permission of instructor. Outlines efficiency, equity, and environmental quality as competing bases for public decisions. Examines tools for contributing to public decisions in varying circumstances including unitary and diverse decision makers, certain and uncertain environments, and simple and complex goals.

**URP 4314. Introduction to Growth Management and Comprehensive Planning** (3). Prerequisite: URP 3000 or permission of instructor. An introduction to the problems and needs for growth management and comprehensive planning for US cities, highlighting various planning approaches and strategies available for meeting development, growth, and land-use problems.

**URP 4402. Sustainable Development Planning in the Americas** (3). Prerequisite: URP 3000 or permission of instructor. Examines various dimensions of the “sustainable development” paradigm and its local-global policy implications, issues, and controversies with a focus upon North America and Latin America. Organized in three modules: 1) environmental philosophies that have influenced the movement; 2) North American approaches to planning for sustainable development; and 3) critical issues of sustainable development in Latin American.

**URP 4423. Introduction to Environmental Planning and Resource Management** (3). Prerequisite: URP 3000 or permission of the instructor. A general introduction to the problems of resource management and environmental planning, with an overview of problems and potential solutions and their relation to other public policy areas such as land-use control and regional development.

**URP 4452. Introduction to Health Planning** (3). Prerequisite: URP 3000 or permission of the instructor. Examines the structures, policies, resources, and services of the health care system, including both the public and private sectors and systems for acute, chronic, and long-term care. Focuses on planning and policy needs and implications.

**URP 4531. Policy and Planning for the Aged** (3). This course examines issues faced by older people and the social and political issues and policies designed to address these issues. It explores these policies and issues, in the context of both political economy and the long-term care continuum from independence to dependence.

**URP 4618. Planning for Developing Regions** (3). Prerequisite: URP 3000 or permission of the instructor. This course will introduce the student to the field of development planning and gives the student exposure to the interplay between theory and practice. Topics include concepts of development, measurement and indicators of patterns of development, rural development, urban development, preparation of development plans, and implementation of development plans.

**URP 4710. Introduction to Transportation Issues and Transportation Planning** (3). Prerequisite: URP 3000 or permission of instructor. An introduction to contemporary US transportation problems, sources of funding, and legislation. Presents the theory and methods employed by planners in the process of resolving transportation problems.

**URP 4741. Introduction to Issues in Housing and Community Development** (3). Prerequisite: URP 3000 or permission of instructor. Focuses on the operation of the housing market, the nature of the housing and community development problem, and the gradual development of a national housing and community development policy since the 1930s. Relationships between public and private sectors are examined.

**URP 4936r. Special Topics in Urban and Regional Planning** (3). A selected topics seminar for the discussion of unique and timely planning related issues. Content varies. May be repeated to a maximum of six (6) semester hours.

**Graduate Courses**

**Planning Theory and Practice**

**URP 5101. Planning Theory and Practice** (3).

**URP 5122. Planning Dispute Resolution** (3).

**URP 5125. Plan Implementation** (3).

**URP 5131. Legal Foundations for Planning** (3).

**URP 5342. Advanced Planning Problems** (3).

**URP 5504. Planning for Social Change and Citizen Participation** (3).

**URP 5544. Gender and Development** (3).

**URP 5944. Dispute Resolution Practicum** (3).

**URP 6102. Seminar in Planning Theory** (3).

**Planning Methods**

**URP 5201. Methods of Planning Analysis I: Research and Evaluation** (3).

**URP 5211. Methods of Planning Analysis: Statistics** (3)

**URP 5222. Policy Analysis for Planning Decisions** (3).

**URP 5257. Fiscal Impact Analysis** (3).

**URP 5261. Methods of Planning Analysis II: Plan Development** (3).

**URP 5272. Urban and Regional Information Systems** (3).

**URP 5279. Urban and Regional Information Systems Practicum** (3).

**URP 6202. Design of Policy-Oriented Research** (3).

**Urban Growth Process**

**URP 5847. Growth and Development of Cities** (3).

**URP 6844. Seminar in Regional Theory** (3).

**URP 6846. Seminar in Urban Theory** (3).

**Planning for Developing Regions**

**URP 5610. Introduction to Planning for Developing Regions** (3).

**URP 5611. Strategies for Urban and Regional Development in Less-Developed Countries** (3).

**URP 5614. Population and Development Planning** (3).

**URP 5616. Project Planning in Developing Countries** (3).

**URP 5619r. Special Topics in Development Planning** (3).

**Environmental Planning and Natural Resource Management**

**URP 5421. Introduction to Environmental Planning and Natural Resource Management** (3).

**URP 5422. Coastal Planning** (3).

**URP 5424. Sustainable Development Planning in the Americas** (3).

**URP 5425. Methods of Environmental Analysis** (3).

**URP 5427. Environmental Legislation and Policy** (3).

**URP 5428. Pollution Control** (3).

**URP 5429r. Special Topics in Environmental Planning and Resource Management** (3).

**Growth Management and Comprehensive Planning**

**URP 5312. Perspective and Issues of Comprehensive Planning and Growth Management** (3).

**URP 5316. Land-Use Planning** (3).

**URP 5319r. Special Topics in Comprehensive Planning and Growth Management** (3).

**URP 5350. Pedestrian-oriented Communities** (3).

**URP 5731. The Planning of Community Infrastructure** (3).

**URP 5873. Site Design and Land-Use Analysis** (3).

**Transportation Planning**

**URP 5711. The Transportation Planning Process** (3).

**URP 5716. Transportation and Land Use** (3).

**URP 5717. Methods of Transportation Planning** (3).

**URP 5719. Special Topics in Transportation Planning** (3).

**Housing and Community Development**

**URP 5540. State and Local Economic Development Planning** (3).

**URP 5615. Infrastructure and Housing in Less Developed Countries** (3).

**URP 5742. Problems and Issues in Housing and Community Development** (3).

**URP 5743. Neighborhood Planning** (3).

**URP 5745. Housing and Community Development Methods** (3).

**URP 5749r. Special Topics in Housing and Community Development** (3).

**Health Planning**

**URP 5520. The U.S. Health Care System** (3).

**URP 5522. Regulatory Aspects of Health Care** (3).

**URP 5530. Policy and Planning for the Aging** (3).

**Other Courses for Graduate Students**

**URP 5905r. Directed Individual Study** (1–3) (S/U grade only.)

**URP 5910r. Directed Individual Research** (1–3) (S/U grade only.)

**URP 5930r. Professional Topics in Urban and Regional Planning** (0) (S/U grade only).

**URP 5939r. Special Topics in Urban and Regional Planning** (0–3).

**URP 6938. Doctoral Research Colloquium** (0) (S/U grade only.)

**URP 6981r. Supervised Teaching** (1–3) (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.

**VISUAL DISABILITIES:** see Childhood Education, Reading, and Disability Services
Program in
WOMEN'S STUDIES

COLLEGE OF ARTS AND SCIENCES

Director: Joyce Carbonell (Psychology/Women's Studies);
Participating Faculty: Pohl (Anthropology), Hartwell (Art); Finnegan (Art Education); Bearor (Art History); Gilmer (Chemistry), N. DeGrummond, Fulkerson, Sickinger, Tatum (Classical Languages, Literature, and Civilization); Jordan, Laurens, Nudd (Communication); Young (Dance); MacDonald, Monkman, Schwartz (Educational Leadership and Policy Studies); Barbour-Breeman, Cooper, Edwards, Gardner, Goodman, Laughlin, McGregor, Montgomery, Ortiz-Taylor, Picart, Rowe, Saladin, Walker (English); Green, Hadden, Herrera, Sinke (History); Boutin, Cappuccio, Cloonan, Graham-Jones, Poey, Sharpe, Stanley, Walters (Modern Languages and Linguistics); Davis (Nursing); Marcus (Oceanography); Morales (Philosophy); Kemp (Political Science); Carbonell (Psychology); Erndl, Kalbian, Kavka (Religion); Maxwell, Vinton, Wilke (Social Work); Brewer, Isaac, Martin, Padavic, Reid, Tillman (Sociology); Lynn (Sport Management); Gonzalez, Sandahl (Theatre); Miles (Urban and Regional Planning)

Women's studies courses are taught by faculty in more than 20 departments throughout the university.

Women's studies is an interdisciplinary and interdepartmental program that examines the status, accomplishments, and perspectives of women in history, culture, and contemporary society. Women's studies further seeks to delineate the richness and diversity of women's experiences and viewpoints by exploring the dynamics of gender, race, culture, and class.

By placing women at the center of inquiry, women's studies courses offer new perspectives on human history and the human condition. Using gender as a category of analysis, these classes examine the systematic arrangements in society that have shaped the lives of women and men and reevaluate traditional gender-based stereotypes. The courses foster critical analysis of assumed truths about society by examining paradigms based upon the feminist scholarship of the last three decades. By encouraging inquiry into the full range of the human experience, women's studies enriches the University curriculum and prepares students for life in a rapidly changing, complex world.

Students pursuing research in women's studies at The Florida State University will find a rich array of materials on women and gender in the government document holdings, special collections, and numerous microform manuscript collections of the Strozier Library and in the extensive collections of the College of Law Library, Mildred and Claude Pepper Library and the Jean Gould Bryant Library of Women's Studies. The nearby State Archives is an additional source of research material.

Women's studies graduates have described women's studies as a versatile major that prepared them for life, not just a career. In particular, graduates have cited its interdisciplinary focus, its attention to developing critical thinking skills, and its ability to empower students with a new sense of their potential and the courage to design their own careers and life plan. Women's Studies graduates can be found in nearly all occupations.

The Women's Studies Program offers an undergraduate major within the interdisciplinary bachelor's degree Program in Humanities and an interdisciplinary minor at the undergraduate, MA, and PhD levels.

For more information and updates see the Women's Studies Program Web site at http://freud.psy.fsu.edu/~womenstudies/.

Admission Requirements

Please review all college-wide degree requirements in the “College of Arts and Sciences” chapter of this General Bulletin.

Any student with a 2.0 grade average who meets the admission requirements of the College of Arts and Sciences is eligible to declare a major in women's studies. Students who wish to declare a major in women's studies must apply for admission with the women's studies office and complete an advising form.

Requirements for a Major in Women's Studies

Students are required to take thirty-three (33) semester hours of women's studies courses and approved cross-listed courses distributed as described below. Only one of these courses that is used to satisfy the requirement for liberal studies may also be counted toward the fulfillment of the major. Honors thesis hours may be applied toward the bachelor of arts (BA) degree, but only three (3) semester hours will be accepted for major credit. All courses counted toward the major must carry the grade of "C–" or better. Majors must maintain a 2.0 grade point average for graduation. Women's studies majors are required to complete a minor, and are strongly encouraged to complete a minor in a single discipline. No course used to satisfy requirements for a minor may be counted for the major.

Double Majors

Students pursuing a double major must meet the program requirements of both majors, with the following exceptions: 1) No more than six (6) semester hours may be counted toward both majors; and 2) No minors are required for the double major.

Distribution

WST Requirement

Nine (9) semester hours in WST interdisciplinary courses: a) WST 3251, Women in Western Culture: Images and Realities (3); b) WST 4931, Seminar in Women's Studies; c) either WST 4930r, Topics in Women's Studies (3), or WST 4940r, Women's Studies Internship (3–6) as approved by the program director. Check with the women's studies office each term for a list of possible courses that can be used to fulfill these credits.

Cross-listed Core Courses

At least twelve (12) semester hours of cross-listed courses listed below. Specifically required are three (3) semester hours from each of the four groups below:

Group A

AMH 4561 Women in 19th-Century America (3)
AMH 4562 Women in Modern America (3)
AMH 4565 Colonial and Revolutionary Era American Women's History (3)
CLA 3501 Gender and Society in Ancient Greece (3)
CLA 3502 Women, Children and Slaves in Ancient Rome: The Roman Family (3)
REL 3145 Gender and Religion (3)
REL 3146 Gender and the Bible (3)
REL 3337 Goddesses, Women and Power in Hinduism (3)
REL 4671 Gender and Judaism (3)

Group B

ANT 4302 Sex Roles in Cross-Cultural Perspective (3)
PHM 3123 Philosophy of Feminism (3)
PUP 3323 Women and Politics (3)
SOC 3742 Psychology of Women (3)
SPC 4630 Rhetoric of Women's Issues (3)
SYD 3800 Sociology of Sex and Gender (3)
SYO 4374 Gender and Work (3)

Group C

ARH 4870 20th Century U.S. Women's Art (3)
FOW 3240 Literature and Sexuality (3)
FRT 3561 French Women Writers (3)
LIT 3383 Women in Literature (3)
LIT 4385 Major Women Writers (3)
SPW 4481 Contemporary Spanish Women Writers (3) (In Spanish)
SPW 4491 Spanish American Women Writers (3) (In Spanish)
THE 4433 Gender, Race and Performance (3)

Group D

CCJ 4663 Female Crime and Delinquency (3)
HOE 3330 Human Sciences and Human Development: Global Perspectives (3)
NUR 3495 Women's Health Issues: Concerns Through the Life Cycle (3)
PET 4253 Lesbian and Gay Sport Studies (3)
PET 4254 Gender Issues in Sport and Physical Activity (3).
SOW 4108 Women’s Issues and Social Work (3)
SOW 4627 Mental Health of Diverse Populations (3)
Electives

Twelve (12) semester hours may be selected from among the following options: a) WST 4904r, Directed Individual Study in Women’s Studies, WST 4930r, Topics in Women’s Studies, WST 4940r, Women’s Studies Internship; b) the cross-listed courses in Groups A-D; c) approved related courses, special topics courses, seminars and workshops. Three (3) semester hours of the major elective requirement may be satisfied with a 2000-level course, including, but not necessarily limited to, AMH 2696, Black Women in America, and PHM 2121, Philosophy of Race, Class, and Gender; however, the course must be taken at The Florida State University, and only one of the listed classes may be counted toward credit in the Program in Women’s Studies. Majors should consult the women’s studies offerings in The Florida State University Course Lookup System, at http://apps.oti.fsu.edu/servlet/RegistrarCourseLookupSearchForm, and check with the women’s studies office each term for a list of approved courses that can be used to fulfill elective credits.

Exit Surveys/Interviews

To be eligible for graduation, students majoring and minoring in women’s studies must complete an exit interview or survey.

Honors in the Major

The Women’s Studies Program offers a program in honors in the major to encourage talented students to undertake independent and original research. Students admitted to honors in the major may apply up to six (6) semester hours of honors thesis hours (WST 4970r, Honors Thesis—Women’s Studies) toward the bachelor of arts degree, but only three (3) semester hours of WST 4970r will be accepted for major credit. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Women’s Studies

At least fifteen (15) semester hours of approved courses, distributed as follows:

1. At least three (3) semester hours of interdisciplinary women’s studies courses selected from WST 3251, Women in Western Culture: Images and Realities, WST 4930r, Topics in Women’s Studies, WST 4931, Seminar in Women’s Studies;
2. At least nine (9) semester hours of cross-listed core courses;
3. The remaining three (3) semester hours may be selected from approved WST courses, cross-listed core courses, approved special topics courses or related courses. No 2000-level courses may be used to fulfill credit for the minor.

Minors should consult the women’s studies offerings in The Florida State University Course Lookup System, at http://apps.oti.fsu.edu/servlet/RegistrarCourseLookupSearchForm, and check with the women’s studies staff each term for a list of approved courses that can be used to fulfill these credits.

Only one approved course from the student’s major may count toward the women’s studies minor, and only if the course has not been used for credit toward the major. Courses counted for the minor may not be used to fulfill requirements for liberal studies or the major. Students who intend to minor in women’s studies should declare their intent with the Program Director at least two semesters before graduation. Students must have at least a “C–” average in the minor.

Approved Courses

Undergraduate Courses

Interdisciplinary Women’s Studies Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4561</td>
<td>Women in 19th-Century America (3)</td>
</tr>
<tr>
<td>AMH 4562</td>
<td>Women in Modern America (3)</td>
</tr>
</tbody>
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Cross-Listed Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4565</td>
<td>Colonial and Revolutionary Era American Women’s History (3)</td>
</tr>
<tr>
<td>ANT 4302</td>
<td>Sex Roles in Cross-Cultural Perspective (3)</td>
</tr>
<tr>
<td>ARE 4790</td>
<td>Women, Art and Education (3)</td>
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<tr>
<td>ARH 4870</td>
<td>20th-Century U.S. Women’s Art (3)</td>
</tr>
<tr>
<td>CCJ 4663</td>
<td>Female Crime and Delinquency (3)</td>
</tr>
<tr>
<td>CLA 3501</td>
<td>Gender and Society in Ancient Greece (3)</td>
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<td>CLA 3502</td>
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<td>FOW 3240</td>
<td>Literature and Sexuality (3)</td>
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<td>FRT 3561</td>
<td>French Women Writers (3)</td>
</tr>
<tr>
<td>HOE 3330</td>
<td>Human Sciences and Human Development: Global Perspectives (3)</td>
</tr>
<tr>
<td>LIT 3383</td>
<td>Women in Literature (3)</td>
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<tr>
<td>LIT 4385</td>
<td>Major Women Writers (3)</td>
</tr>
<tr>
<td>NUR 3495</td>
<td>Women’s Health Issues: Concerns Through the Life Cycle (3)</td>
</tr>
<tr>
<td>PET 4253</td>
<td>Lesbian and Gay Sport Studies (3)</td>
</tr>
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<td>PET 4254</td>
<td>Gender Issues in Sport and Physical Activity (3)</td>
</tr>
<tr>
<td>PHM 3123</td>
<td>Philosophy of Feminism (3)</td>
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<tr>
<td>REL 3337</td>
<td>Goddesses, Women and Power in Hinduism (3)</td>
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<tr>
<td>REL 4671</td>
<td>Gender and Judaism (3)</td>
</tr>
<tr>
<td>SOP 3742</td>
<td>Psychology of Women (3)</td>
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<tr>
<td>SOW 4108</td>
<td>Women’s Issues and Social Work (3)</td>
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<tr>
<td>SOW 4627</td>
<td>Mental Health of Diverse Populations (3)</td>
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<tr>
<td>SPC 4630</td>
<td>Rhetoric of Women’s Issues (3)</td>
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<tr>
<td>SPW 4491</td>
<td>Spanish American Women Writers (3) (In Spanish)</td>
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<tr>
<td>SYO 3100</td>
<td>Family Problems and Social Change (3)</td>
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<tr>
<td>SYO 3800</td>
<td>Sociology of Sex and Gender (3)</td>
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<tr>
<td>SYO 4374</td>
<td>Gender and Work (3)</td>
</tr>
<tr>
<td>THE 4433</td>
<td>Gender, Race and Performance (3)</td>
</tr>
</tbody>
</table>

Note: See the appropriate individual departments for full course descriptions.

Graduate Courses

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>AMH 5564</td>
<td>Women in Modern America (4)</td>
</tr>
<tr>
<td>AMH 5567</td>
<td>Women in 19th-Century America (4)</td>
</tr>
<tr>
<td>AMH 5568</td>
<td>Colonial and Revolutionary Era American Women’s History (4)</td>
</tr>
<tr>
<td>ARH 5875</td>
<td>20th-Century Feminist Art Criticism (3)</td>
</tr>
<tr>
<td>EDA 5227</td>
<td>The Role of the Woman Administrator in Education (3)</td>
</tr>
<tr>
<td>EDF 5706</td>
<td>Gender and Education in Comparative Perspective (3)</td>
</tr>
<tr>
<td>HEE 5347r</td>
<td>International Home Economics (1–3)</td>
</tr>
<tr>
<td>LIT 5388r</td>
<td>Studies in Women’s Writing (3)</td>
</tr>
<tr>
<td>PET 5252</td>
<td>Gender Issues in Sport and Physical Activity (3)</td>
</tr>
<tr>
<td>PET 5257</td>
<td>Lesbian and Gay Sport Studies (3)</td>
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<tr>
<td>REL 5675</td>
<td>Gender and Judaism (3)</td>
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<tr>
<td>SOW 5109</td>
<td>Women’s Issues and Social Work (3)</td>
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<tr>
<td>SOW 5614</td>
<td>Family Violence Across the Life Span (3)</td>
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<tr>
<td>SOW 5628</td>
<td>Mental Health of Diverse Populations (3)</td>
</tr>
<tr>
<td>SPC 5639</td>
<td>Rhetoric of Women’s Issues (3)</td>
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<tr>
<td>SPW 5486</td>
<td>Contemporary Spanish Women Writers (3) (In Spanish)</td>
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<tr>
<td>SPW 5496</td>
<td>Spanish-American Women Writers (3) (In Spanish)</td>
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<tr>
<td>SYO 5817</td>
<td>Contemporary Theories of Gender (3)</td>
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<tr>
<td>SYO 5376</td>
<td>Sociology of Gender and Work (3)</td>
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<tr>
<td>THE 5437</td>
<td>Gender, Race and Performance (3)</td>
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<td>URP 5544</td>
<td>Gender and Development (3)</td>
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<tr>
<td>WST 5905r</td>
<td>Directed Independent Study (1–3)</td>
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<tr>
<td>WST 5934r</td>
<td>Topics in Women’s Studies (3)</td>
</tr>
<tr>
<td>WST 5936r</td>
<td>Interdisciplinary Topics in Feminist Theory (3)</td>
</tr>
</tbody>
</table>

Note: See the appropriate individual departments for full course descriptions.
Definition of Prefix

WST—Women's Studies

Undergraduate Courses

WST 3251. Women in Western Culture: Images and Realities (3). An interdisciplinary examination of women’s roles in the development of Western culture, focusing on women’s contributions to music, literature, theatre, art, religion, political thought, and science. Concurrently, this course examines what it meant to be female in each era of Western civilization.

WST 4904r. Directed Individual Study (1–3). Prerequisite: Approval of women's studies director. For advanced undergraduates who desire to supplement the regular course offerings by independent reading or research under guidance. May be repeated to a maximum of three (3) semester hours.

WST 4930r. Topics in Women’s Studies (3). This course explores specific topics or themes in gender/women’s studies based on a feminist approach. A variety of topics from different fields of study will be offered from an interdisciplinary perspective. Topics of material not covered in the regular curriculum will be offered. May be repeated to a maximum of nine (9) semester hours.

WST 4931. Seminar in Women’s Studies (3). Prerequisite: At least two women’s studies core courses; Corequisite: Approval of program director. This senior seminar examines how cultures structure and represent gender in a variety of arenas. Through critical reading of key contemporary works of feminist theory and intensive investigation of multidisciplinary case studies students study the variety of representations of woman’s experience.

WST 4940r. Women’s Studies Internship (3–6). (S/U grade only.) Prerequisite: Two core courses in women’s studies; Corequisite: Approval of program director. The internship offers practical experience working on women’s issues or with women as a focus group in governmental and private agencies, women’s organizations, or business. Internships may be arranged for junior and senior minors and majors in women’s studies with the women’s studies office. May be repeated to a maximum of six (6) semester hours.

WST 4970r. Honors Thesis—Women’s Studies (1–6). Prerequisite: WST 3251. The honors thesis in Women’s Studies is a research document of an interdisciplinary nature, drawing on the various categories in humanities and the social sciences represented in the Women’s Studies Program. Permission of WST director required. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

WST 5905r. Directed Independent Study (1–3). (S/U grade only.)

WST 5934r. Topics in Women’s Studies (3).

WST 5936r. Interdisciplinary Topics in Feminist Theory (3).

WRITING:
see English

ZOOLOGY:
see Biological Science
### UNIVERSITY ADMINISTRATION

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- Director of Minority Academic Programs
- Director of Visitor Services
- University Registrar
- Director of Retention Studies
- Director of Academic Computing and Network Services
- Director of Learning Systems Institute
- Director of Multidisciplinary Evaluation and Consulting Center
- Director of Computational Science and Information Technology

#### BOARD OF TRUSTEES

- Jim Smith, Chairman
- Harold Knowles, Vice Chairman
- Derrick Brooks
- Jim Cobbe
- June Duda
- David Ford
- Jessie Furlow
- Manny Garcia
- Richard McFarlain
- E. Ann McGee
- Leslie Pantin
- Susie Busch-Transou
- Christopher Evans, SGA President

**Tallahassee**

- Tallahassee
- Tampa
- Oviedo
- Rosemont
- Quincy
- Winter Park
- Sanford
- Miami
- Tallahassee

**Tallahassee**

- Tallahassee
- Tallahassee
- Tampa
- Tallahassee
- Oviedo
- Quincy
- Winter Park
- Tallahassee
- Sanford
- Miami
- Tallahassee

**Tallahassee**

- Tallahassee

#### UNIVERSITY PRESIDENT

**Thomas K. Wetherell**

- Executive Assistant
- Inspector General
- Director of Intercollegiate Athletics
- General Counsel
- Cheryl Bakker
- David P. Coury
- David Hart, Jr.
- Betty J. Steffens

#### VICE PRESIDENT FOR ACADEMIC QUALITY AND EXTERNAL PROGRAMS

**Dianne Harrison**

- Assistant to the Vice President
- Executive Secretary
- Director, University Outreach and Director of Academic and Professional Program Services
- Director of International Programs
- Director of University Libraries
- Dean, Panama City Campus
- Ruth Feiock
- Elaine Costa
- William Lindner
- James E. Pitts
- Althea Jenkins
- George DePuy
## VICE PRESIDENT FOR RESEARCH

**Kirby W. Kemper**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Executive Secretary</td>
<td>Linda McCorvey</td>
</tr>
<tr>
<td>Executive Secretary</td>
<td>Lezlee Brand</td>
</tr>
<tr>
<td>Associate Vice President</td>
<td>Brooks A. Keel</td>
</tr>
<tr>
<td>Assistant Vice President</td>
<td>Olivia H. Pope</td>
</tr>
<tr>
<td>Director of Sponsored Research Services</td>
<td>Gregory W. Thompson</td>
</tr>
<tr>
<td>Director of Laboratory Animal Resources</td>
<td>Robert M. Werner</td>
</tr>
<tr>
<td>Director of FSU Marine Laboratory</td>
<td>Felicia C. Coleman</td>
</tr>
<tr>
<td>Director of National High Magnetic Field Laboratory</td>
<td>Gregory S. Boeninger</td>
</tr>
<tr>
<td>Director of Technology Transfer</td>
<td>John A. Fraser</td>
</tr>
<tr>
<td>Director of Business and Finance, FSU Research Foundation</td>
<td>Sharon Woodall</td>
</tr>
<tr>
<td>Director of Sponsored Research Accounting Services</td>
<td>Peter Derham</td>
</tr>
<tr>
<td>Director of Corporate Relations</td>
<td>Kurt Moore</td>
</tr>
<tr>
<td>Director, Center for Advanced Power Systems</td>
<td>Steinar J. Dale</td>
</tr>
<tr>
<td>Legal Counsel</td>
<td>Betty Southard</td>
</tr>
</tbody>
</table>

## VICE PRESIDENT FOR UNIVERSITY RELATIONS

**Lee F. Hinkle**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Secretary</td>
<td>Lynna Sands</td>
</tr>
<tr>
<td>President, FSU Alumni Affairs</td>
<td>Barry Adams</td>
</tr>
<tr>
<td>President, Seminole Booster, Inc.</td>
<td>Andy Miller</td>
</tr>
<tr>
<td>President, FSU Foundation</td>
<td>T. B. A.</td>
</tr>
<tr>
<td>Assistant Vice President for University Relations and Director, University Communications</td>
<td>Franklin D. Murphy</td>
</tr>
<tr>
<td>Assistant Vice President for Community Relations</td>
<td>Donna McHugh</td>
</tr>
<tr>
<td>Administrative Director</td>
<td>Dawn C. Randle</td>
</tr>
<tr>
<td>Assistant Vice President for Governmental Relations</td>
<td>Kathleen Daly</td>
</tr>
<tr>
<td>Director of Broadcasting Center</td>
<td>Patrick Keating</td>
</tr>
<tr>
<td>Director of Visual Media and Promotions</td>
<td>Dennis Schmittler</td>
</tr>
<tr>
<td>Director of Media Relations</td>
<td>Browning Brooks</td>
</tr>
<tr>
<td>Assistant Director, Print and Electronic Publishing</td>
<td>Steve Rine</td>
</tr>
<tr>
<td>Assistant Administrative Director</td>
<td>Aimee Wirth</td>
</tr>
<tr>
<td>Assistant Director of Events</td>
<td>Kirsten Soriano</td>
</tr>
<tr>
<td>Director of Arts Festival</td>
<td>Diane Greer</td>
</tr>
</tbody>
</table>

## VICE PRESIDENT FOR STUDENT AFFAIRS

**Mary B. Coburn**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Vice President for Student Affairs</td>
<td>Timothy Quinnan</td>
</tr>
<tr>
<td>Executive Assistant to the Vice President for Multicultural Affairs</td>
<td>Elizabeth Maryanski</td>
</tr>
<tr>
<td>Director of Career Center</td>
<td>Georgia M. Bowen</td>
</tr>
<tr>
<td>Director of University Housing</td>
<td>Jeff Garis</td>
</tr>
<tr>
<td>Director of Thagard Student Health Center</td>
<td>Rita Moser</td>
</tr>
<tr>
<td>Interim Dean of Students</td>
<td>Lesley Sacher</td>
</tr>
<tr>
<td>Director of Student Counseling Center</td>
<td>Robin Leach</td>
</tr>
<tr>
<td>Student Body President</td>
<td>Anika Fields</td>
</tr>
<tr>
<td>Student Body Vice President</td>
<td>Christopher Evans</td>
</tr>
<tr>
<td>Director of Oglesby Union</td>
<td>Chad Reeves</td>
</tr>
<tr>
<td>Director of Campus Recreation</td>
<td>Christopher Roby</td>
</tr>
<tr>
<td>Director of Center for Academic Retention and Enhancement</td>
<td>Alicia Crew</td>
</tr>
<tr>
<td>Director of Educational Research Center for Childhood Development</td>
<td>Angela Richardson</td>
</tr>
<tr>
<td>Director of International Center</td>
<td>Liz Gilliland</td>
</tr>
<tr>
<td>Director of the Center for Civic Education and Service</td>
<td>William Moeller</td>
</tr>
</tbody>
</table>

## DEANS OF COLLEGES AND SCHOOLS

<table>
<thead>
<tr>
<th>College/Department</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dean, College of Arts and Sciences</td>
<td>Joseph A. Travis</td>
</tr>
<tr>
<td>Dean, College of Business</td>
<td>Caryn Beck-Dudley</td>
</tr>
<tr>
<td>Dean, College of Communication</td>
<td>John K. Mayo</td>
</tr>
<tr>
<td>Dean, College of Criminal Justice</td>
<td>Thomas Blomberg</td>
</tr>
<tr>
<td>Dean, College of Education</td>
<td>Marcy P. Driscoll</td>
</tr>
<tr>
<td>Dean, FAMU—FSU College of Engineering</td>
<td>Ching-Jen Chen</td>
</tr>
<tr>
<td>Dean, College of Human Sciences</td>
<td>Penny A.Ralston</td>
</tr>
<tr>
<td>Dean, College of Information</td>
<td>Larry Dennis</td>
</tr>
<tr>
<td>Dean, College of Law</td>
<td>Donald Weidner</td>
</tr>
<tr>
<td>Dean, College of Medicine</td>
<td>James Ocic Harris</td>
</tr>
<tr>
<td>Dean, College of Motion Picture, Television and Recording Arts</td>
<td>Frank Patterson</td>
</tr>
<tr>
<td>Dean, College of Music</td>
<td>Don Gibson</td>
</tr>
<tr>
<td>Dean, School of Nursing</td>
<td>Katherine P. Mason</td>
</tr>
<tr>
<td>Dean, College of Social Sciences</td>
<td>David W. Rasmussen</td>
</tr>
<tr>
<td>Dean, College of Social Work</td>
<td>C. Aaron McNeecce</td>
</tr>
<tr>
<td>Dean, College of Visual Arts, Theatre and Dance</td>
<td>Sally McRorie</td>
</tr>
</tbody>
</table>
Alexander, Mary M., Ph.D., Florida State; Associate in Child Development, Education, and Disability Services
Alexander, Mildred G., M.S.; University School Assistant Professor, Florida State University School of Education
Allen, Joseph L., Ph.D., Wayne State; Assistant Professor of Modern Languages and Linguistics
Allen, Charles W., Associate in Film
Allen, Michael L., Ph.D., North Texas; Professor of Music
Allen, Susan D., Ph.D., Southern California; Professor of Chemistry and Biochemistry and Electrical and Computer Engineering
Allen, Terence D., B.S.; University School Assistant Professor
Allen, Willie C., Ph.D., Florida State; Visiting Instructor, College of Education
Alhier, Pascale B., Ph.D., Syracuse; Associate Librarian and Department Head University Libraries
Almarza, Dario J., Ph.D., Iowa; Assistant Professor of Elementary and Early Childhood Education and Practice
Al-Otaiba, Stephanie, Ph.D., Vanderbilt University; Assistant Professor of Special Education
Alman, Burton H., M.L.S.; Librarian Strozier Library
Aluffi, Paolo, Ph.D., Brown; Professor of Mathematics
Alvarez, Enrique R., Ph.D., Illinois; Assistant Professor of Modern Languages
Alvi, Farrukh S., Ph.D., Penn State; Associate Professor of Mechanical Engineering
Amalger, Eva B., Ph.D.; Visiting Assistant Professor of Music
Anderson, Ashley M., Visiting Assistant in Field Instruction Center for Professional Development Academic Affairs
Anderson, James R., M.A.; Faculty Administrator and Director Florida Resources and Environmental Analysis Center
Anderson, Jeffrey M., Ph.D., Florida; Faculty Administrator and Director of Center for Information, Training and Evaluation Services
Anderson, Leon, Jr., M.M.; Associate Professor of Music
Anderson, Lorain C., Ph.D., Claremont Graduate School; Professor of Biological Science
Anderson, Rodney D., Ph.D., American University; Professor of History
Anderson, Stephen R., M.A.; Visiting Instructor of Modern Languages and Linguistics
Anderson, Thomas L., Ph.D., Georgia; Jessie Lovano-Kerr Professor of Art Education
Anderson, Lynyn M., Ph.D., Nebraska; Associate Professor of Nutrition Food and Exercise Sciences
Andre, Petru, Ph.D., Maryland; Assistant Professor of Electrical and Computer Engineering
Andrews, Pamela L., M.M.; Associate Professor of Music
Andrus, Michael, M.S.; Assistant Scholar/Scientist/Engineer, Center for Advanced Power Systems
Ang, James S., Ph.D., Purdue University; Professor of Finance and Bank of America Eminent Scholar in Banking
Anthony, Feulner M., Assistant in Research Panama City Campus
Apel, Kenn, Ph.D., University of Memphis; Professor of Communication Disorders
Apthorp, James W., B.S.; Faculty Administrator Collins Center for Public Policy Social Sciences
Arakani, Vijay H., Ph.D., California Institute of Technology; Professor of Chemistry and Biochemistry
Arce, Pedro E., Ph.D., Purdue University; Associate Professor of Chemical Engineering
Arias, Santa, Ph.D., Wisconsin Madison; Associate Professor of Modern Languages and Linguistics
Arline, Terrell K., J.D., Florida; Visiting Instructor of Urban and Regional Planning
Armstrong, Bonnie H., Ph.D., Syracuse; Assistant in Distance Learning
Armstrong, Margaret, M.A.; Associate in Research Educational Services Program Institute for Science and Public Affairs

Arditi, Elissa, B.S.; Assistant in Research, Learning Systems Institute
Arnold, Anthony J., Ph.D., Harvard; Associate Professor of Biological Sciences
Arnold, Margaret Elizabeth, B.A., Florida State; Visiting University School Instructor, Florida State University School of Business Administration
Arnon, Robert A., M.S.; Assistant in Communication
Arora, Krishna, Ph.D., Indian Institute of Technology (Delhi); Associate Professor of Electrical and Computer Engineering
Arora, Rajendra K., Ph.D., St. Andrews; Professor of Electrical and Computer Engineering
Arpan, Laura M., Ph.D., Alabama; Associate Professor of Psychology
Ashmore, Margaret, M.S.W., Florida State; Lecturer of Social Work
Askev, Reuben O'D., J.D., Florida; Reubin O'D. Askew Eminent Scholar in Florida Government and Politics
Atkinson, Robert E., Jr., J.D., Yale; Professor of Law
Atolia, Manoj, Ph.D., Indiana University; Assistant Professor of Economics
Audric-razuzaeta, Ivonne, Ph.D., Florida; Associate Professor of Urban and Regional Planning
Augustyniak, Rebecca H., M.L.S.; Program Director, Center for Information, Training, and Evaluation Services Institute for Science and Public Affairs
Austin, Anjali; Associate Professor of Dance
Aviram, Ami J.D., Chicago; Assistant Professor of Law
Awojuyigbe, Samuel A., Ph.D., Cornell; Professor of Industrial Engineering
Ayollitha, Anilkumar, Ph.D., Kerala; Assistant in Research Chemistry and Biochemistry
Baby, Lacy, Ph.D., Bangladesh University; Assistant Scholar/Scientist/Engineer, Physics
Bae, Hoon, Ph.D., Wayne State; Assistant in Research Chemistry and Biochemistry
Baer, Howard A., Ph.D., Wisconsin; J. Daniel Kimel Professor of Physics, 2002
Baggott, Julianna C., M.F.A., University of North Carolina; Assistant Professor of English
Bagshaw, Roderick, B.C.L.; Visiting Professor of Law
Baik, Bokhyeon, Ph.D., California at Berkeley; Visiting Assistant Professor of Accounting
Bailey, James, G.M.S., Assistant Professor of Aerospace Studies
Bailey, Jon Scott, Ph.D., Kansas; Professor of Psychology
Bailey, Mark W., Ph.D., Virginia; Visiting Assistant Professor of Computer Science
Bailey, Stephanie A., J.D., Florida State; Assistant in Real Estate, Risk Management and Insurance
Bailey, William D., M.S.; University School Assistant Professor, Florida State University School of Law
Bakan, Michael A., Ph.D., California at Los Angeles; Associate Professor of Music
Baker, Earl J., Ph.D., Colorado; Associate Professor of Geoscience
Baker, Sheloft, D., Ph.D., Florida; Assistant Dean of the College of Medicine; Faculty/Academic Administrator of Medical Humanities and Social Sciences
Baker, Shuyant E., Ph.D., Ph.D., University of New York; Service Professor of Theatre
Baker, Theodore P., Ph.D., Cornell; Professor of Computer Science
Baldwin, Shawn N., M.S.; Assistant in Research Center for Prevention and Early Intervention
Baldwin, Thomas L., Ph.D., Virginia Polytechnic Institute and State University; Associate Professor of Electrical and Computer Engineering

Changes in faculty, professional, and administrative staff made after September 30, 2005, may not be reflected in the following list. Please note that departmental faculty and staff exist between departmental faculty lists and this list.

UNIVERSITY FACULTY

Those whose names are preceded by an asterisk or a plus are members of the graduate faculty. Membership on the graduate faculty falls into one of two categories on the basis of functional responsibility:

- May serve as undergraduate course and may serve as major professor for master’s degree students;
- May serve as major professor for doctoral students as well.

Abbot, Frederick M., J.D., Yale; I.M., Cal. Berkeley; Professor of Law and Edward Ball Eminent Scholar in International Law
Abdel Megid, Ph.D., Purdue; Assistant Professor of Civil and Environmental Engineering
Abolhassan, Ph.D., Northwestern University; Assistant Professor of Civil and Environmental Engineering
Abdelouahab, Jaffar, Ph.D., Washington University; Associate Scholar/Scientist/Engineer
Abou-elmagd, A., Ph.D., Florida State University School of Education
Abouzaid, M.A., University of North Carolina; Assistant Professor of Social Work
Abendroth, Maryann, M.S., Florida State; Assistant in Nursing
Abicht, Tarek, Ph.D., Wisconsin; Assistant Professor Civil Engineering
Abood, Doris A., Ph.D., Tennessee at Knoxville; Associate Professor of Nutrition Food and Exercise Science
Adali, Corin, Ph.D., Pennsylvania; Assistant Professor of Polynesian; Assistant in Engineering Panama City Campus
Adanovic, Ljubisa S., Ph.D., University of Belgrade; Scholar/Scientist/Engineer Dean's Office, College of Social Sciences
Adams, Jonathan L., Ed.D., Boston; Associate Professor of Communication
Adams, Maurice R., B.S.; University School Instructor, Florida State University School of Education
Adams, Rebecca J., M.L.S.; Associate Librarian University Libraries
Adams, Ralph, Ph.D., South Florida; Assistant in Research Institute for Science and Public Affairs
Adams, Todd, Ph.D., Notre Dame; Assistant Professor of Physics
Adiey, Kouacou, Ph.D., Paris VI University; Assistant in Research Chemistry and Biochemistry
Adolph, Winnifred R., Ph.D., North Carolina at Chapel Hill; Associate Chair and Associate Professor of Modern Languages and Linguistics
Adolph, Wolfgang E., A.B.D., North Carolina; Associate in Modern Languages and Linguistics
Agasse, Amos Sadanad, Ph.D., California at Berkeley; Assistant Professor of Mathematics
Aggarwal, Sudhir, Ph.D., Michigan; Professor of Electrical Engineering
Ahij trick, Jon E., Ph.D., Wisconsin; Associate Professor of Meteorology
Ahn, Toh-kyeong, Ph.D., Indiana; Visiting Assistant Professor of Political Science
Akbars, Naim, Ph.D., Michigan; Associate in Clinical Psychology Psychology
Ai Otaiba, Stephanie, Ph.D., Purdue University; Assistant Professor Special Education
Alabugin, Igor V., Ph.D., Moscow State University; Associate Professor of Chemical Engineering and Biochemistry
Alamo, Rufina G., Ph.D., Madrid; Associate Scholar/Scientist Institute of Molecular Biophysics
Alridge, Amy S., B.S.; Faculty Administrator, Chemis-
Aldrovandi, Ettore, Ph.D., International School for Advanced Studies - Italy; Assistant Professor of Mathematical Analysis
Alexander, Dianne G., Ph.D., Florida State; Director Medical/Health Administration Communication Disorders

University Faculty, Professional and Administrative Personnel 361

University of Florida FACULTY/PERSONNEL
* Cottrell, Barbara H., M.S.N.; Associate Professor of Nursing
* Coursey, David, Ph.D., Syracuse; Associate Professor of Public Administration and Policy
* Cowart, James B., Ph.D., Florida State; Professor Emeritus of Biological Sciences
* Cowart, Marie E., D.P.H., Columbia University; Dean, College of Social Sciences and Professor of Urban and Regional Planning, and Research Associate Institute on Aging
* Cowen, Melinda, Ph.D., Florida State; Visiting Assistant in Textiles and Consumer Sciences
* Cox, Frances, M.S., Florida State; Assistant in Research in Public Affairs
* Credt, J. Dennis, Ph.D., Iowa; Chair and Professor of Marketing
* Craig, Michael R., M.S.; University School Instructor, Florida State University School
* Cran, John W., Ph.D., Nottingham; Visiting Assistant in Research Chemistry
* Crandall, Thomas D., J.D., Indiana; Visiting Professor of Law
* Crawford, Elizabeth, M.S., MGH Institute of Health Professions; Associate in Research, Learning Systems Institute
* Cralw, Roland J., B.S.; Assistant in Recruiting AerospAce Studies
* Cresce, Peter H., Ph.D., Bonn; Assistant Professor of Physics
* Creswell, Michael, Ph.D., Chicago; Assistant Professor of Psychological Sciences
* Crew, Lois, M.F.A., Temple University; Assistant in Art
* Crew, Robert E., Jr., Ph.D., North Carolina; Associate Dean College of Social Sciences and Professor of Political Science
* Cripps, David G.; Assistant Professor of Music
* Croft, James E., D.M.E., Ohio; Professor of Modern Languages
* Cronin, J. Joseph, Jr., Ph.D., Ohio State; Professor of Marketing
* Crook, Eugene J., Ph.D., Illinois; Professor of English
* Crook, Wendy P., Ph.D., Rutgers; Associate Professor of Social Work
* Cross, Timothy A., Ph.D., Pennsylvania; Distinguished Research Professor 2000-2001 Earl Frieden Professor of Chemistry and Biochemistry/2002
* Crossley, Mary A., J.D., Vanderbilt; Professor of Law
* Crowder, Larry B., Ph.D., Michigan State; Visiting Eminent Scholar Biological Sciences
* Crowley, Donna J., M.A.; Associate Professor of Communication Disorders
* Crystal, Kenneth M., J.D., Harvard Law; Visiting Professor of Law
* Cuccio, Vincent E., Ed. Spec.; University School Associate Professor of Political Science
* Cuccns, Nanna H., M.S.N.; Associate in Nursing
* Cuevas, Bryan J., Ph.D., Virginia; Assistant Professor of Religion
* Cuningham, Philip, Ph.D., Albany; Assistant Professor of Meteorology
* Curenton, Stephanie M., Ph.D., Virginia; Assistant Professor Family and Child Sciences
* Curran, Tricia M., B.S.; Assistant in Research Program Development and Faculty Support Learning Systems Institute
* Curtis, Elliot, Ph.D., California at Berkeley; Visiting Professor of Criminology
* Curtis, J. Ph.D., University of Missouri; Assistant Scholar/Scientist/Engineer, Psychology
* Curzik, Kathleen S., Ph.D., Pittsburgh; Research Associate Psychology
* Cuthbert, Deborah L., B.S.; Assistant in Beacon Learning Program Development and Faculty Support Learning Systems Institute
* Dahl, Mary K., Ph.D., Stanford; Professor of Theatre
* Dahlstrom, Robert L., M.B.A.; Assistant in Communication
* Dallal, A., Ph.D., Brandeis University; Associate Professor of English
* Dalal, Nar S., Ph.D., British Columbia; Chair of the Chemistry and Biochemistry, Dirac Professor of Chemistry and Biochemistry 2001 and Distinguished Research Professor 2002-2003
* Dale, Steven J., Ph.D., Strathclyde; Academic Director of the Centre for Power Systems and Visiting Scholar/Scientist/Engineer
* D’Alemberte, H. Talbot, J.D., Florida; President Emeritus and Professor of Law
* Dallet, Jane L., M.L.S., Florida State; Research Associate Center for the Study of Teaching and Learning
* Dalton, Jon C., Ed.D., Kentucky; Associate Professor of Educational Leadership Director Center for the Study of Values in College Student Development
* Dalton, Paul W., Ph.D., Rochester; Associate Professor of Philosophy
* Dancy, Russell M., Ph.D., Harvard; Professor of Philosophy
* Daniel, Barbara, M.S.; Adjunct Instructor Communication
* Darabi, Abbas, Ph.D., Florida State; Assistant Professor and Associate Program Director of Educational Research Learning Systems Institute
* Darke, Peter, Ph.D., University of Toronto; Assistant Professor of Marketing
* Darling, Craig, Ph.D., Michigan State; Margaret Rector Sandels Professor of Human Sciences 1999 Distinguished Teaching Professor 1996-1997 and Professor of Family and Child Sciences
* Darrow, Alice-Ann, Ph.D., Florida State; Irvin Cooper Professor of Music
* Darst, David H., Ph.D., Kentucky; Professor of Modern Languages and Linguistics
* Davenport, Melanie, Ph.D., Indiana University; Assistant Professor of Art Education
* Davidson, Michael W., M.S.; Georgia State; Assistant in Research, National Magnetic Field Laboratory
* Davies, Kerry N., M.A.; Visiting University School Instructor, Florida State University School
* Davis, Barbara J., Ph.D., Florida State; Visiting University School Instructor, Florida State University School
* Davis, Charlotte, Ph.D., Florida State; Assistant in Research Program Development and Faculty Support Learning Systems Institute
* Davis, Frederick R., Ph.D., Yale; Assistant Professor of History
* Davis, Katherine A., M.S.; Associate in Elementary Education Panama City Branch
* Davis, Lynda J., M.F.A.; Nellie-Bond Dickinson Professor of Dance
* Davis, Marian L., Ph.D., California at Los Angeles; Professor of Clothing Textiles and Merchandising
* Davis, Nancy T., Ph.D., Georgia; Associate Professor of Middle and Secondary Education
* Davis, Patricia M., Ph.D., Florida State University School
* Davis, Virginia N., J.D., Nebraska; Visiting Assistant in Law
* Day, Matthew C., Ph.D., Brown; Assistant Professor of Religion
* Day, Sheryl Lee, Ph.D., Florida State; Visiting Instructor of Special Education
* de Grummond, Nancy T., Ph.D., North Carolina at Chapel Hill; M. Lynette Thompson Professor of Classics 1999
* De Medeiros, Frenso B., Ph.D., John Hopkins; Assistant Professor Computer Science
* Dee, Carol Elizabeth Callaway, Ph.D., Florida; Assistant Professor of Accounting
* Degen, John A., Ph.D., Indiana; Associate Professor of Theatre
* Del-Tar-M-Smith, Lance M., Ph.D., Ohio State; Professor of Public Administration and Policy and Director Florida Institute of Government
* Dejong, Lorraine C., M.A.; Instructor Human Resource Management
* Delano, Monica E., Ph.D., Virginia; Assistant Professor of Special Education and Rehabilitation Counseling Services
* Delerey, Patricia A., M.F.A; Assistant in Actor Training
* Delph, Roy E., M.M.; New England Conservatory; Walter S. James Professor of Voice 2001 and Professor of Music
* Delva, Jorge, Ph.D., Hawaii; Visiting Scholar/Scientist/Engineer of Social Sciences
* Delkész, Sándor, Ph.D., Florida State; Visiting Assistant in Research, Learning Systems Institute
* Demmel, Zaida A., M.S.W.; Visiting Assistant Professor of Social Work
* Deng, Wu, Ph.D., Edinburgh; Visiting Assistant Professor of Biological Science
* Dennet, Vanessa P., Ph.D., Indiana; Assistant Professor of Educational Psychology
* Dennis, Lawrence C., Ph.D., Virginia; Dean and Professor of the College of Information
* DePew, Judith H., M.S.; Department Head and Librarian
* Dereberry, Suzanne E., B.S.; Visiting Instructional Specialist University Housing Student Affairs
* Deshmukh, Abhijit, Ph.D., Purdue; Assistant Professor of Industrial Engineering
* Devens, Nancy L., M.S.W.; Lecturer of Social Work
* Devine, Judith J., Ed.D., Tennessee at Knoxville; Associate in Graduate Studies
* Dewar, William K., Ph.D., Massachusetts Institute of Technology; Chair and Professor of Oceanography and Pierre Wandelor Professor of Oceanography 2001
* Dexter, Joe E., B.S.; University School Assistant Professor; Florida State University School
* Dexter, Nadine D., M.S.W.; Florida State; Associate Librarian, College of Medicine
* Dexter, Norma J., M.B.A.; Associate in Business Administration
* Diele, Robert E., Ph.D., State University of New York at Albany; Professor of Urban and Regional Planning
* Deyoung, Gretchin J., B.S.N.; Associate in Nursing
* Dharanay, Pushparani, M.S.; Associate in Biological Science Biological Science
* Diaz-Olendo, Evangelina, M.S.; Visiting Assistant Professor of Middle and Secondary Education
* Dickey, Michael H., Ph.D., Louisiana State; Assistant Professor of Information Management Sciences Business Administration
* Dickson-Carr, Darryl B., Ph.D., California at Santa Barbara; Associate Professor of English
* Didier, Ruth Ann, B.S.; Assistant in Research Learning Systems Institute
* Dize-Aguelles, Lisa H., M.A.; Assistant in Business Communication Management
* Dilling, Janet D., M.P.A.; Associate in Public Affairs
* Dillon, Stephanie R., Ph.D., Florida State; Coordinator of Chemistry
* Dinho, Scott, M.S.; Assistant in Research Program Development and Faculty Support Learning Systems Institute
* Diskin, Barry A., Ph.D., Georgia State; Professor of Risk Management/Insurance Real Estate and Business Law
* Dittmer, Thorsten, Ph.D., Bremen; Assistant Professor of Oceanography
* Dixon, Iain R., M.S.E., M.E.; Research Associate, National High Magnetic Field Laboratory
* Dixon, John R., Ph.D., Wisconsin; Visiting Assistant Professor of Statistics
* Dixon, Marc, Ph.D., Ohio State; Assistant Professor of Sociology
* Dmmitriva, Natalia, Ph.D., Sherrington School of Physiology; Research Associate, Psychology
* Doan, Peter L., Ph.D., Cornell; Associate Professor of Urban and Regional Planning
* Dobrin, Michele B., B.S.; University School Assistant Professor Florida State University School
* Dobrosavljevic, Vladimir, Ph.D., Brown; Associate Professor of Physics
* Dodaro, Kenneth A., M.S.; Associate in Mathematics
* Dodge, Joseph M., III, L.L.M., New York University; Professor of Law
* Doerner, William G., Ph.D., Tennessee; Professor of Criminology and Criminal Justice
* Dolesan, Richard M., Ph.D., Toronto; Visiting Lecturer of Criminology and Criminal Justice
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+ Hindle, Lee F., B.S.; Vice President for University Rela

+ Hintlinger, James E., Ph.D., Washington University; Assistant Professor of Social Work

+ Hirano, Eiko, Ph.D., Brown; Associate Professor of Mathematics

+ Hirsch, Adam J., Yde, David M. Hoffman Professor of Law 2002

+ Hirst, Linda S., Ph.D., University of Manchester; Assistant Professor

+ Hitz, Philip, Ph.D., Florida State; Associate Professor of Anthropology

+ Ho, Ting-jiu, Ph.D., Indiana University; Associate Professor of Anthropology

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Ortiz-Taylor, Sheila L., Ph.D., California at Los Angeles; Francine G. Tocardo, Professor of English 2000

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OUTLAW, William Jr., Ph.D., Georgia; Peter H. Homan Professor of Biological Science 2001

* Overton, J. Michael, Ph.D., Iowa; Professor of Medicine

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* Ryan, Scott Douglas, Ph.D., Harvard; Professor of Chemistry and Biochemistry
* Saladin, Linda A., Ph.D., California at Irvine; Associate Professor of English
Sale, Geraldine N., Ph.D., Florida; Associate Professor of Accounting Panama City Branch
Salm, Tom, C., Ph.D., John Hopkins; Assistant Professor of Economics
Salthers, Vincent J.M., Ph.D., Massachusetts Institute of Technology; Associate Professor of Geological Sciences
Saltiel, Jack, M.F.A.; Florida Institute of Technology; Professor of Chemistry and Biochemistry
Sample, John A., Ph.D., Florida State; Associate in Educational Leadership and Policy Studies
Sampson, James P., Jr., Ph.D., Florida; Professor of Human Services and Studies
Sanchez, Jack, M.S., Florida State; Associate in K12 Education, National High Magnetic Field Laboratory
Sandahl, Carrie E., Ph.D., Wisconsin at Madison; Associate Professor of Theatre
Sanders Baffour, Tiffany D., Ph.D., Howard; Assistant Professor of Social Work
Sandifer, James R., B.A.; Assistant Professor of Dance
Sandoz, Leo, Ph.D., Boston University; Professor of Religion
Sanford, Mark L., M.S.; University School Professor, Florida State University School of Nursing
Sanfilippo, Janet C., M.J., Program Director Center for Information Training and Evaluation Services Institute of Science and Public Affairs
* Sang, Qing-Xiang, Ph.D., Georgetown; Associate Professor of Chemistry and Biochemistry
Sapolsky, Barry S., Ph.D., Indiana; Professor of Communication
Sappu, Ninamare, M.A.; University School Instructor, Florida State University School of Nursing
Sardinas, Otonnel M., B.S.; Visiting University School Instructor, Florida State University School of Nursing
Sardonia, James E., B.S.; Assistant in Research, Meteorology
Sarracino, Joseph, M.S., California at Los Angeles; Visiting Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
Sarapacchiello, Lina S., B.A.; University School Instructor, Florida State University School of Social Work
* Sass, Tim R., Ph.D., University of Washington; Associate Professor of Economics
* Sasson, Shimon, Ph.D., Utah State; Distinguished Teaching Professor 2002-2003 D.K. Salkunde Professor of Food Science 2001 and Professor of Nutrition Food and Exercise Sciences
Scaletti, Michele A., B.A.; Assistant in Art History Ringling Museum
* Schafer, Kathy J., M.S.; Visiting Instructional Specialist Psychology
Schall, Mary Beth A., M.S.N.; Associate in Nursing
Schaller, John S., Ph.D., Florida State; Visiting Instructor of Biological Sciences
Schatzschneider, Chris W., M.D.; Associate Professor of Psychology
* Scheffers, Marlen, K., Ph.D., Illinois at Urbana; Faculty Administrator, Florida State University School of Nursing
Stephenson, Kenneth R., Ph.D., Wisconsin; Visiting Professor of Mathematics

Stephens, Lee, Ph.D., Illinois; Professor of Management

Steppean, Scott, J., Ph.D., University of Chicago; Associate Professor of Chemistry

Stern, Melvin E., Ph.D., Massachusetts Institute of Technology; Distinguished Research Professor 1995-1996 and National Academy of Sciences V. W. Ekmman Professor of Oceanography 1990

Stern, Nat S., J.D., Harvard; Associate Dean and Professor of Law

Steuer, Michael, Ph.D., Swiss Federal Institute of Technology Zurich; Assistant Professor of Electrical and Computer Engineering

Stevens, Douglas, Ph.D., Indiana; Associate Professor of Accountancy

Stewart, Gail A., B.A.; Visiting University School Instructor, Florida State University School

Stewart, Jeane, M.S.N.; Professor of Nursing

Stiegelman, Albert E., Ph.D., Columbia; Associate Professor of Chemistry and Biochemistry

Stierwalt, Julie A.G., Ph.D., Iowa; Assistant Professor of Communication Disorders

Stiefel, Bruce, Ph.D., North Carolina at Chapel Hill; Professor of Urban and Regional Planning

Stiles, Wilbur J., Ph.D., Georgia Institute of Technology; Associate Professor of Urban and Regional Planning

Stinchfield, John R., B.S.; University School Assistant Professor

Stine, Curtis C., M.D., Indiana University of Medicine; Faculty and Academic Administrator, Family Medicine

Stoddard, Kathryn, Ph.D., Virginia; Assistant Professor of Classics

Stoecklin, Sara F., Ph.D., Florida State; Associate in Software Engineering, Computer Science

Stone, Alphy B., Ph.D., Maryland; Assistant Professor of Political Science

Stoltzfus, Nathan, Ph.D., Harvard; Associate Professor of History

Stone, David L., Ph.D., Michigan; Assistant Professor of Classics

Stone, E., J.D., Florida State; Associate in Law

Stoney, David S., M.B.A.; Instructor of Military Science

Stowell, H. Peter, Ph.D., University of Washington; Professor of English, Motion Picture Television and Recording Arts and Director of Undergraduate Studies, School of Motion Picture Television and Recording Arts

Strait, Paul W., Ph.D., Princeton; Associate Chair and Associate Professor of History

Straub, Joyceann B., M.F.A.; Assistant in Dance

Straus, Phyllis, M.F.A.; Coordinator Art Studio Art

Strazulla, Ron, Florida State School Associate Professor, Florida State University School

Streeck, James K., M.S.; Professor of Music

Street, Debra A., Ph.D., Florida State; Visiting Assistant Scholar/Scientist/Engineer, Pepper Institute on Aging

Streigel, Andro, Ph.D., University of New Orleans; Assistant Professor of Chemistry and Biochemistry

Stromberg, Alan M., Ph.D., Florida State; Assistant in Information, Panama City Branch

Strouse, Geoffrey F., Ph.D., North Carolina at Chapel Hill; Associate Professor of Chemistry

Stout, Renee C., M.S.N.; Assistant in Nursing

Stuckey-French, Elizabeth C., M.F.A.; Assistant Professor of English

Stuckey-French, Ned, Ph.D., Iowa; Assistant Professor of English

Studenci-Lewis, Cynthia S., M.P.H.; Faculty Administrator and Academic Administrator, School of Nursing

Stump, Jennifer, Ph.D., Florida State University; Assistant Professor of Modern Languages

Suan, Vai, Ph.D., Harvard; Associate Professor of Psychology

Sudano, Holly A., M.A.; Florida State; Associate in Accounting

Sullivan, Claudia M., M.S.; Visiting University School Instructor, Florida State University School

Sullivan, Julia M., Ph.D., Florida State; Instructor of Modern Languages

Sullivan, Linda M., D.S.N., University of Alabama; Associate Professor and Program Director, School of Nursing

Sullivan, Michael J., Ph.D., Delaware; Scholar/Scientist/Engineer, Marine Lab

Sullivan, Pauline M., Ph.D., New York; Associate Professor of Textiles and Consumer Sciences


Sunderman, Gretchen L., Ph.D., Pennsylvania State; Assistant Professor of Modern Languages and Linguistics

Suren, Asuncion T., Ed.D., Temple; Assistant in Recreation and Leisure Services

Suryanarayanan, S., Ph.D., Arizona State; Visiting Assistant Scientist/Engineer, Center for Advanced Power Systems

Sussman, Mark M., Ph.D., California at Los Angeles; Associate Professor of Mathematics

Sutherland, Mary S., Ed.D., Alabama; Professor of Middle and Secondary Education

Sutton, Herbert G., Ph.D., University School; Visiting Research Associate Institute for Science and Public Affairs Academic Affairs

Suzuki, Yukio, Ph.D., Hoshi University; Assistant Scientist/Engineer, Chemistry and Biochemistry

Sweeney, Christine E., M.A.; Visiting University School Instructor, Florida State University School

Sweeney, William E., B.A.; Associate in Research, Office of Research

Swenson, Charles A., Ph.D., Texas A&M; Academic Administrator, Microbe and Molecular Immunology Laboratory

Swofford, David L., Ph.D., Illinois; Francis Eppes Professor of Biological Science

Syrkin, Darby P., M.L.I.S.; Assistant Librarian, Panama City Campus

Tabak-Sznajder, Joel, Ph.D., Université de Rennes; Visiting Assistant Scientist/Engineer, Biological Sciences

Tabor, Michelle A., Ph.D., Florida State; Visiting Assistant Professor of Music

Tabor, Samuel L., Ph.D., Stanford; Norman P. Heydenburg Professor of Physics and Distinguished Research Professor 2001-2002

Tagliareni, Nicholas, B.S.; Visiting Assistant in Research Institute for Science and Public Affairs

Taita, Shifra, M.D., Florida State; Assistant in Distance Learning Academic Affairs

Tallapragada, Suraj, V., Ph.D., Andhra; Research Associate, Meteorology

Tan, Christopher K. W., Ph.D., California Institute of Technology; Professor of Mathematics and Mechanical Engineering and Research Associate Geophysical Fluid Dynamics Institute Distinguished Research Professor 1990-1991 Robert O. Lawton Distinguished Professor 2000-2001

Tamm, Scott W., B.S.; Associate in Academic Administration, Dean’s Office, College of Arts and Sciences

Tammearu, Peter O., M.D., Florida State; Visiting Assistant Professor of Internal Medicine

Tannenbaum, Jan K., Ph.D., Columbia; Professor of History

Tang, Hengli, Ph.D., California; Assistant Professor of Biological Science

Taniere, Anne, Ph.D., Valencia; Visiting Associate Scientist/Engineer/Mechanical Engineering

Tao, Jing, Ph.D., Kyoto Pharmaceutical; Visiting Assistant in Research, Chemistry and Biochemistry

Tarpiey, James H., Ph.D., Pittsburgh; Visiting Assistant Professor of Modern Languages

Tate, Richard L., Ph.D., Illinois; Associate Professor of Educational Research

Tatum, William Jeffrey, Ph.D., Texas at Austin; Professor of Classics, Olivia Nelson Dorman Professor of Classics 2000

Tawfiq, Kamal, Ph.D., Maryland; Professor and Chair of Civil and Environmental Engineering

Taylor, Charlee J., Ph.D., Florida State; Assistant in Law

Taylor, Dianne W., M.S.; Associate in Research Institute of Molecular Biophysics

Taylor, Gary P., Ph.D., Cambridge; Professor of English

Taylor, Jeanette E., Ph.D., Minnesota; Assistant Professor of Psychology

Taylor, John, Ph.D., Miami; Assistant Professor of Science

Taylor, John R., Ph.D., Miami; Assistant Director University Computer Systems Office of Technology Integration Administration Systems

Taylor, Judy A., B.S.; University School Instructor, Florida State University School

Taylor, Kenneth A., Ph.D., California at Berkeley; Clinical Assistant Professor of Biomedical Sciences

Taylor, Thomas A., Ph.D., Virginia Polytechnic Institute; Associate in Research, Conflict Resolution Consortium Institute for Science and Public Affairs
VyorKina, Dina, Ph.D., Florida State; Assistant in Research, College of Education
Wacongne-Speer, Sophie, Ph.D., M.I.T.; Associate Scholar/Scientist/Engineer, Oceanography
Wagner, Walter W., Ed.D., Indiana; Professor of Educational Foundations and Policy Studies
Wagner, Richard K., Ph.D., Yale; Alfred Binet Professor of Psychology 1999
Waggoner, Robert D., B.S., Visiting Professor of Dance
Wahl, John D., Ph.D., Vienna; Professor of Physics
Wahl, Michelle C., M.S.; Assistant in Research Learning Systems Institute Program Development/Faculty Support
Waite, Claudia, M.M., Florida State; Visiting Professor of Music
Wakamiya, Lisa K., Ph.D., California at Los Angeles; Assistant Professor, Asian Languages
Waldo, Gordon P., Ph.D., Ohio State; Service Professor of Criminology and Criminal Justice
Walk, Deborah W., M.L.S.; Assistant Curator Ringling Museum
Walker, Amy D., B.A.; University School Instructor, Florida State University School
Walker, Eric C., Ph.D., North Carolina at Chapel Hill; Assistant Dean of the College of Arts and Sciences, Associate Professor of English and Distinguished Teaching Professor 1999
Walker, Victor C., Ph.D., Florida State; Associate Scholar/Scientist/Engineer, Dean’s Office, College of Arts and Sciences
Walker, Shari A., Ph.D., Florida State; Visiting Assistant Professor of Electrical and Computer Engineering
Wall, Susan, M.S.N., Assistant in Nursing
Wallace, Steven W., M.F.A.; Academic Administrator and Professor
Wallat, Cynthia, Ph.D., Pittsburgh; Professor of Educational Foundations and Policy Studies
Waldhesier, Pamela H., M.S.; University School Assistant Professor, Florida State University School
Walsdorf, Kristie L., Ph.D., Florida State; Assistant Professor of Sport Management Recreation Management and Physical Education
Walsh, Michael P., B.A.; Associate in Research Institute of Science and Public Affairs Academic Affairs
Walsh, Beth, Rochester Institute Technology; Associate in Research National High Magnetic Field Laboratory
Walters, Lorri J., Ph.D., Princeton; Professor of Modern Languages
Walton, Todd L., Jr., Ph.D., Florida; Scholar/Scientist/Engineer and Director Beaches and Shores Institute of Science and Public Affairs Academic Affairs
Wang, Ann, Ph.D., California at Los Angeles; Assistant Professor of Computer Science
Wang, Hsu-pin, Ph.D., National Cheng Kung University; Visiting Scholar/Scientist/Engineer, Center for Nanoscience and Nanotechnology
Wang, Xiaoming, Assistant Professor of Medical Physics
Wang, Qi, Ph.D., Ohio State; Professor of Mathematics
Wang, Shang-Yih, Ph.D., Florida; Engineer Beaches and Shores Resource Center
Wang, Xiaoming, Ph.D., Indiana; Associate Professor of Mathematics
Wang, Yanchang, Ph.D., University of Virginia; Courtesy Assistant Professor of Biological Science
Wang, Yang, Ph.D., Utah; Associate Professor of Geociences
Wang, Yongjie, Ph.D., State University of New York; Research Associate National High Magnetic Field Laboratory
Wang, Zhongguo, Ph.D., West Virginia; Visiting Assistant in Research Chemistry and Biochemistry
Wang, Zuoxin, Ph.D., Florida State; Visiting Instructor of Special Education
Ward, Paul, Ph.D., Liverpool; Associate in Research, Learning Systems Institute
Ward, Susan C., Ph.D., Alabama; Assistant Professor of English
Warl, Barney L., Ph.D., University of Washington; Chair and Professor of Geography
Warfel, Heather G., M.S.; Visiting University School Instructor, Florida State University School
Warmath, David S., M.S.; Research Associate, Psychology
Warner, Thomas E., J.D.; Florida; Richard W. Ervin Eminent Scholar in Law
Warren, Eunice, Ph.D., Florida State; Assistant in Nursing
Warren, Nancy B., Ph.D., Indiana; Associate Professor of English
Wasko, Molly M., Ph.D., Maryland; Assistant Professor of Management Information Systems
Watans, Ma, Ph.D., Florida; Research Associate, Florida Center for Prevention Research
Watkins, Timothy D., Ph.D., Florida State; Visiting Assistant Professor of Music
Watson, Dean A., Florida State University College of Medicine; Faculty Administrator/Academic Administrator and Associate Professor of Clinical Sciences
Watt, Jimmy D., B.S.; Assistant in Research Criminology
Watters, Kathleen L., M.S.; Research Associate Communication
Watson, Lisa J. Kinch, M.S.; Associate Professor of Interior Design
Weathery, Georges L., Ph.D., Nova University; Professor of Oceanography
Weatherspoon, Mark H., Ph.D., South Florida; Assistant Professor of Electrical and Computer Engineering
Weaver, Fred M., Ph.D., Florida State; Visiting Associate Professor of Geociences
Weaver, Mark L., Ph.D., Florida; Research Associate Mechanical Engineering
Weeks, Lucinda R., M.S.; University School Instructor, Florida State University School
Weikamp, Marten H., Ph.D., Leiden; Associate Professor of Statistics
Wei, Xing, Ph.D., Utah; Associate in Research National High Magnetic Field Laboratory
Weibe, Christopher, Ph.D., McMaster University; Assistant Professor of Physics
Weidner, Donald J., J.D.; Texas; Dean and Professor of Law
Weijers, Hubertus W., M.S.; Associate in Research National High Magnetic Field Laboratory
Well, Timothy M., M.S., Florida State; Visiting Assistant in Panama City Campus
Weingarden, Lauren S., Ph.D., University of Chicago; Associate Professor of Art History
Weinstein, Connie, M.A.; Associate in Research, Learning Systems Institute
Weissert, Carol S., Ph.D., North Carolina; Eminent Scholar and Chair of Political Science
Weissert, William G., Ph.D., Claremont Graduate School; Professor of Political Science
Welek, Jerry W., Ph.D., Technical University of Denmark; Professor of Civil and Environmental Engineering
Weil, Elizabeth S., M.A.; Visiting Instructor English
Weil, Lauretta, M.S.; Assistant in Apparel Design
Weil, Leo G., D.M.A., Florida State; Assistant Dean of Music and Professor of Music
Weil, Frederick A., M.S.; Associate in Management Information Systems
Weil, Thomas M., Ph.D., Kansas; Associate Professor of Dance
Weil-Orovchov, Bogomila, Ph.D., Utrecht; Visiting Eminent Scholar of Visual Arts, Theatre and Dance
Wensing, Karen M., M.L.S.; Librarian, University Libraries
Werner, Robert M., D.V.M., Georgia; Academic Administrator Laboratory Animal Resources
Wertz, Caroline A., M.L.S.; Visiting Associate Librarian, Strozier Library
Wesson, G. Dale, Ph.D., Michigan State; Visiting Assistant Professor of Anthropology
West, Joseph, Ph.D., Assistant Professor of Chemical Engineering
West, Victoria A., Ph.D., Florida State; Visiting Assistant Professor of Communication
Whalen, John, Ph.D., Stanford; Academic Director of the Ringling Museum of Arts and Faculty/Academic Administrator
Wetherby, Amy, Ph.D., California; Laurel L. Schendel Professor of Communication Disorders 2000
Wetherell, Thomas K., Ph.D., Florida State; University President and Professor of Educational Leadership and Policy Studies
Welsh, David, Ph.D., Virginia; Chair of the Computer Science and E.P. Miles Professor of Computer Science
Wheelock, Karen M., Assistant in Public Health Policy
White, Amy L., B.S.; Visiting University School Instructor, Florida State University School
White, Barbara A., M.A.; Associate in Research Institute of Science and Public Affairs
White, Michelle A., M.L.S.; Visiting Instructor, Librarian, University Libraries
Whiteside, Patricia A., Ph.D., Florida State; Assistant Professor and Associate Dean of the College of Nursing
Whitney, James M., M.B.A.; Visiting Research Associate Institute of Science and Public Affairs Academic Affairs
Whyte, James, N.D., Case Western; Assistant Professor of Nursing
Wick, Lynne A., Ed.D., Florida State; Associate Dean of the College of Education and Visiting Associate in Educational Leadership and Policy Studies
Wiebe, Christopher, Ph.D., McMaster University; Assistant Professor, Physics
Wiedenhoever, Ingo L., Ph.D., University of Cologne; Assistant Professor of Physics
Wiegold, Wayne A., Ph.D., Southern Illinois; Professor of Information
Wiese, Danielle R., Ph.D., Iowa; Assistant Professor of Communication
Wilcox, Jeffrey, Ph.D., Florida State; Visiting Associate in Aquaculture Research Oceanography
Wilders, Dolores J., Ed.D., Tennessee; Visiting Educational Leadership and Policy Studies
Wilgenbusch, James C., Ph.D., George Mason; Associate in Research, Computational Science and Information Technology
Wilk, Diana J., Ph.D., Wisconsin; Assistant Professor of Social Work
Wills, Mark A., Ph.D., Florida State; Associate Dean of the College of Law and Faculty Administrator
Wills, Suzanne D., M.A.; Assistant in Research Criminology
Wills, William Smith, Riana S., M.A.; Assistant in Research, Learning Systems Institute
Williams, Kathleen D., Ph.D., Delaware; Visiting Assistant Professor of Nursing
Williams, Benjamin B., B.S.; Visiting University School Instructor, Florida State University School
Williams, Curt, Ph.D., Florida State; Visiting Professor of English
Wills, Angela D., B.S.; University School Instructor, Florida State University School
Wills, Barbara K., Ph.D., Florida State; Visiting Research Associate Center for Educational Research and Policy Studies
Wills, Matthew D., Ph.D., Yale; Assistant Professor of Modern Languages
Wilson, Victoria A., M.S.W.; Assistant in Field Instruction Social Work
Winchester, John W., Ph.D., Massachusetts Institute of Technology; Professor of Oceanography
Winegardner, Mark D., M.F.A.; Janet G. Burroway Professor of English
Wilgate, David B., M.S.; Associate Professor of Music
Wingate, David B., Ph.D., Assistant in Research
Wingate, Mark L., D.M.A., Texas; Assistant Professor of Music
Winge, Ian L., B.S.; Associate in Engineering Physics
Winkler, Hanspeter, Ph.D., Swiss Federal Institute of Technology; Associate in Research Institute for Molecular Biology
Winning, Alice A., Ph.D., Michigan State; Associate Professor of Biological Science
Withnack, Thomas M., Ph.D., D.S., Technical University of Wroclaw; Visiting Scholar/Scientist/Engineer, Center for Biomedical and Toxicological Research
Winterbottom, Randee, M.S.; Assistant Professor in Research Learning Systems Institute Program Development/Faculty Support
Wise, Cynthia, M.L.S.; Instructor, Librarian, Career Center
Distinguished Research Professors

Harper, William C., M.S., Distinguished Research Professor, 1990–1991, Professor of Studio Art (Retired)


Loper, David E., Ph.D., Case Western Reserve University; Distinguished Research Professor, 1991–1992, George W. DeVore Professor of Geosciences, 1999, and Director, Geophysical Fluid Dynamics Institute

Parker, Glenn R., Ph.D., California; Distinguished Research Professor, 1991–1992, Professor of Political Science

Benson, Bruce L., Ph.D., Texas A&M; Distinguished Research Professor, 1992–1993, Professor of Economics

Graziadei, Pasquale P., M.D., Pavia, Italy; Distinguished Research Professor, 1992–1993, Professor of Biological Science (Retired)


Kemper, Kirby W., Ph.D., Indiana; Distinguished Research Professor, 1993–1994, John David Fox Professor of Physics, 2000, and Robert O. Lawton Distinguished Professor, 2000–2001, Professor of Physics

Nam, Charles B., Ph.D., North Carolina; Distinguished Research Professor, 1993–1994, Professor of Sociology (Retired)

Turner, Ralph V., Ph.D., Johns Hopkins; Distinguished Research Professor, 1993–1994, Service Professor of History

Bryan, John L., Ph.D., Georgia; Distinguished Research Professor, 1994–1995, Professor of Mathematics

Freeman, Marc E., Ph.D., West Virginia; Distinguished Research Professor, 1994–1995, Chair and Guenter Schwarz Professor of Mathematics, 2000

Owens, Joseph F., III, Ph.D., Tufts; Distinguished Research Professor, 1994–1995, Chair and Guenter Schwarz Professor of Mathematics


James, Frances C., Ph.D., Arkansas; Distinguished Research Professor, 1995–1996, Pasquale Grazidei Professor of Biological Science, 1999

Stern, Melvin E., Ph.D., Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, A. W. Ekman Professor of Oceanography, and National Academy of Sciences

Pfeffer, Richard, Ph.D., Massachusetts Institute of Technology; Distinguished Research Professor, 1996–1997, Carl-Gustaf Rossby Professor of Meteorology

Zawrotyn, Michael E., Ph.D., Maryland; Assistant in Research, Institute of Molecular Biophysics

Zeiler, Mark T., M.S., Associate in Communication

Zeni, Mary Beth, Sc.D., Pittsburgh; Assistant Professor of Nursing

Zeng, Gary Joseph, Ph.D., Wisconsin; Professor of Marketing

Zervigon-Hakes, Anita M., Ph.D., Florida State; Associate in Research Florida Resources and Environmental Analysis

Zhang, Chun, Ph.D., Iowa; Chair of the Industrial and Manufacturing Engineering and Professor of Industrial Engineering

Zheng, Fengqi, Ph.D., Beijing Medical University; Scholar/Scientist/Engineer, National High Magnetic Field Laboratory

Zhao, Yunge, Ph.D., Chinese Academy of Science; Visiting Professor of Electrical and Computer Engineering

Zhou, Huan Xiang, Ph.D., Drexel; Professor of Physics

Zhu, Lei, Ph.D., New York University; Assistant Professor of Chemistry and Biochemistry

Ziegler, Roy A., M.S., Librarian and Department Head of University Libraries, Collection Development

Ziegler, Ruth S., M.A.; Assistant Librarian, University Libraries

Zierden, David F., M.S.; Assistant in Research Meteorology

Zimanyi, Leslo, Ph.D., Hungary University; Visiting Professor of Physics and Chemistry

Zinzsner, Michael A., B.S.; Assistant in Criminology

Zoller, Willa Jo, M.F.A.; Nancy Smith Fichter Professor of Dance 1999

Zou, Xiaolei, Ph.D., Institute of Atmospheric Physics; Jule Charney Professor of Meteorology

Zuehlke, Thomas W., Ph.D., Florida; Associate Professor of Education

Zwaan, Rolf A., Ph.D., University of Utrecht, Netherlands; Professor of Psychology

Zwaan-Dijkstra, Katinka, Ph.D., Utrecht University; Assistant Professor of Psychology

Zwolich, Ellen T., D.M.A.; Juliard; Francis Eppes Professor of Music

Torgesen, Joseph, Ph.D., Michigan; Distinguished Research Professor, 1996–1997, Robert M. Gagne Professor of Psychology and Education, 2000, and Professor of Psychology

Van Sciver, Steven W., Ph.D., Washington; Distinguished Research Professor, 1996–1997, Professor of Mechanical Engineering

Hagopian, Vasken, Ph.D., Pennsylvania; Distinguished Research Professor, 1997–1998, Joseph E. Lannutti Professor of Physics, 1999

Myles, John F., Ph.D., Wisconsin; Distinguished Research Professor, 1997–1998, Professor of Sociology

Nicholson, Sharon E., Ph.D., Wisconsin; Distinguished Research Professor, 1997–1998, Heinze and Katharina Lettau Professor of Climatology, 2002, and Professor of Meteorology

Balkwill, David L., Ph.D., Pennsylvania State; Distinguished Research Professor, 1998–1999, Professor of Biological Science

Hirsh, Barry T., Ph.D., Virginia; Distinguished Research Professor, 1998–1999, Professor of Economics

Marshall, Alan George, Ph.D., Stanford; Distinguished Research Professor, 1998–1999, Professor of Chemistry

Gontarski, Stanley E., Ph.D., Ohio State; Distinguished Research Professor, 1999–2000, Sarah Herron Professor of English, 1999

Holton, Robert A., Ph.D., Florida State; Distinguished Research Professor, 1999–2000, Matthew Suftness Professor of Chemistry, 2002

Clarke, Allan J., Ph.D., Cambridge; Distinguished Research Professor, 2000–2001, Adrian E. Gill Professor of Oceanography, 2001
Sandor, Leo, Ph.D., Boston; Distinguished Teaching Professor, 1990–1991, Chair and Professor of Religion, and Director, Program in American Studies

Burrage, James, D.Crim., Distinguished Teaching Professor, 1991–1992, Service Professor of English, Robert O. Lawton Distinguished Professor, 1995–96, and Professor of English

Levenson, David B., Ph.D., Harvard; Distinguished Teaching Professor, 1992–1993, Associate Professor of Religion

Smith, James C., Ph.D., Florida State; Distinguished Teaching Professor, 1993–1994, Professor of Psychology, Robert O. Lawton Distinguished Professor, 1999–2000, Professor of English

Leach, Stephen P., Ph.D., Florida State; Distinguished Teaching Professor, 1994–1995, Assistant Scholar/Scientist of Computer Science

Walker, Eric L., Ph.D., North Carolina at Chapel Hill; Distinguished Teaching Professor, 1995–1996, Associate Professor of English

Darling, Carol A., Ph.D., Michigan State; Distinguished Teaching Professor, 1996–1997, Professor of Family and Child Sciences, and Margaret Rector Sanders Professor of Human Sciences, 1999

Goldbey, Kenneth A., Ph.D., North Carolina; Distinguished Teaching Professor, 1997–1998, Associate Professor of Chemistry

Reiser, Robert A., Ph.D., Arizona State; Distinguished Teaching Professor, 1999–2000, Professor of Educational Research

Fenstermaker, John J., Ph.D., Ohio State; Distinguished Teaching Professor, 2000–2001, Faculty of Religion

Sandel, Stephen, Ph.D., California; Distinguished Teaching Research Professor, 2000–2001, Fred L. Standley Professor of English, 2002

Sathie, Shridhar, Ph.D., Utah State; Distinguished Teaching Professor, 1998–1999, Professor of Food Science, and Professor of Food and Exercise Sciences

Everage, Karen Burgess, M.S., Florida State; Distinguished Teaching Professor, 2000–2001, Associate Professor In Mathematics

Carroll, Pamela S., Ed.D., Auburn; Distinguished Teaching Professor, 2005–2006, Dwight L. Burton Professor of English Education, 2006, and Professor of Middle and Secondary Education

MCKENZIE PROFESSORS

Berkley, Karen J., Ph.D., Washington; Distinguished Research Professor, 2003–2004, McKenzie Professor of Psychology, 1989 Professor of Psychology

Burroway, Jane, Ph.D., McKenzie Professor 1986, Service Professor of English

Dye, Thomas R., Ph.D., Pennsylvania; McKenzie Professor 1986, Service Professor of Political Science

Hinkikka, Jaakko, Ph.D., Helsinki, Finland; McKenzie Professor 1986–1990, Professor of Philosophy (Retired)

Howard, Louis N., Ph.D., Princeton; McKenzie Professor 1986, Professor of Mathematics (Retired)

Hunter, Christopher, Ph.D., Cambridge; McKenzie Professor 1991, Chair and Professor of Mathematics

Kirkby, David J., Ph.D., University of Helsinki; McKenzie Professor 1992–1993, Professor of English

Winstead, William O., M.M., McKenzie Professor 1986–1988, Professor of Music (Retired)

DAISY PARKER FLORY ALUMNI PROFESSORS

Madsen, Clifford K., Ph.D., Florida State; Alumni Professor 1989–1990, Professor of English

Bunton, Daniel D., Florida; Distinguished Teaching Professor, 1985–1988, Professor of English

Koontz, H. Donald, Ph.D., Indiana; Distinguished Teaching Professor, 1989–1991, George M. Harper Professor of English, 2000

Rashotte, Michael E., Ph.D., Toronto; Distinguished Teaching Professor, 1989–1991, Professor of Psychology

Rogers, William M., Ph.D., North Carolina; Distinguished Teaching Professor, 1990–1991, Professor of History (Retired)

The PRESIDENT AND THE PROVOST’S NAMED PROFESSORSHIP PROGRAM

Anderson, Thomas L., Ph.D., Georgia; Jessie Lovano-Kerr Professor of Art Education, 2003

Baer, Howard A., Ph.D., Wisconsin; J. Daniel Kimmel Professor of Physics, 2002

Beckham, Joseph C., J.D., Ph.D., Florida; Alllan Tucker Professor of Educational Policy Studies and Leadership, 2000, Professor of Educational Leadership

Berry, William J., Ph.D., Massachusetts; Eliza Atkins Gleason Professor of Information Technology, 1999, Professor of Computer Science

Bickley, R. Bruce, Jr., Ph.D., Duke; Griffith T. Pugh Professor of English, 2001

Bishop, Wendy, Ph.D., Indiana of Pennsylvania; Kellogg W. Hunt Professor of English, 2000

Blomberg, Thomas G., D.Crim., Berkeley; Sheldon L. Messinger Professor of History, 2001

Boehrer, Bruce T., Ph.D., Pennsylvania; Bertram H. Davis Professor of English, 2001

Bowers, Philip H., Ph.D., University of Virginia; Dwight B. Goodner Professor of Mathematics, 2002 and Associate Chair of Mathematics

Bridge, Carol A., Ph.D., Iowa; John Bodor Professor of Music, 2001

Brooks, James S., Ph.D., Oregon; Grace C. and William G. Moulton Professor of Physics, 2002

Bryant, John L., Ph.D., Georgia; Distinguished Research Professor, 1994–1995, Orville G. Harrold Professor of Mathematics, 2000

Burnett, William C., Ph.D., Hawaii; Carl Henry Oppenheim Professor of Oceanography, 2002

Case, Betty Anne, Ph.D., Alabama; Olga Larson Professor Of Mathematics, 2003

Chandra, Namas, Ph.D., A&M; Krishnamurthy Karamcheti Professor of Engineering, 2000, and Professor of Mechanical Engineering

Chantont, Jeffrey P., Ph.D., North Carolina; John Widmer Wetherill Professor of Oceanography, 2002, and Professor of Oceanography and Geological Sciences

Clarke, Allan J., Ph.D., Cambridge; Distinguished Research Professor, 2000–2001, Adrian E. Gill Professor of Philosophy, 2001

Cloonan, William J., Ph.D., North Carolina at Chapel Hill; Richard L. Chapelle Professor of Modern Languages and Linguistics, 1999

Cooks, Pamela K., Ph.D., Nebraska at Lincoln; Robert C. Earnest Professor of Finance, 2002

Collins, Emmanuel, Ph.D., Purdue; Associate Chair and John H. Seely Professor of Mechanical Engineering, 2003

Connelly, Charles E., Ph.D., Michigan; William G. and Boddie Bell Professor of Urban and Regional Planning, 2002, and Chair of Urban and Regional Planning

Contreras, Robert J., Ph.D., Michigan State; James C. Smith Professor of Psychology, 2002, and Director of Neuroscience

Corrigan, John A., Ph.D., Chicago; Edwin S. Gaustad Professor of Religion, 2000

Cross, Timothy A., Ph.D., Pennsylvania; Distinguished Teaching Professor, 1989–1990, Robert O. Lawton Distinguished Professor, 1994–1995, Professor of Biology

Hofer, Kurt G., Ph.D., Vienna; Distinguished Teaching Professor, 1989–1990, Robert O. Lawton Distinguished Professor, 1994–1995, Professor of Chemistry

Howard, Donald D., Ph.D., Minnesota; Distinguished Teaching Professor, 1989–1990, Eminent Scholar and Professor of Chemistry

Madsen, Clifford K., Ph.D., Florida State; Distinguished Teaching Professor, 1989–1990, Alumni Professor, 1985–1988, Distinguished Teaching Professor, 1988–1989, Professor of Music

Mellon, Edward K., Ph.D., Texas; Distinguished Teaching Professor, 1989–1990, Chair and Professor of Chemistry (Retired)

Jones, James P., Ph.D., Florida; Distinguished Teaching Professor, 1990–1991, Professor of History

Lhamon, W. Ronald, Ph.D., Indiana; Distinguished Teaching Professor, 1990–1991, George M. Harper Professor of English, 2000

The FACULTY/PERSONNEL
Nichols, Eugene D., Ph.D., Illinois; Distinguished Professor 1968–1969, Professor and Head of Mathematics Education, (Retired)
Frieden, Earl, Ph.D., Southern California; Distinguished Professor 1969–1970, Professor of Chemistry (Retired)
Bradley, Ralph Allan, Ph.D., North Carolina; Distinguished Professor 1970–1971, Professor and Head of Statistics (Decrees 1/11/49)
Beider, Lloyd Mumbaer, Ph.D., Johns Hopkins; Distinguished Professor 1971–1972, Professor of Biological Science (Retired)
Hunt, Kellogg Wesley, Ph.D., Iowa; Distinguished Professor 1972–1973, Professor of English (Decrees 11/4/98)
Savage, I. Richard, Ph.D., Columbia; Distinguished Professor 1973–1974, Professor of Statistics (Resigned)
Kenshalo, Daniel Ralph, Ph.D., Washington; Distinguished Professor 1974–1975, Professor of Psychology (Retired)
Fallon, Richard Gordon, M.A., Distinguished Professor 1975–1976, Professor and Dean, School of Theatre (Retired)
Nikolaïd, Elena, Distinguished Professor 1976–1977, Professor of Music (Decrees 11/11/42)
Rubenstein, Richard Lowell, Ph.D., Harvard; Distinguished Professor 1977–1978, Professor of Religion (Retired)
Hess, Seymour L., Ph.D., Chicago; Distinguished Professor 1978–1979, Professor of Meteorology (Decrees 1/5/82)
Harper, George, M., Ph.D., North Carolina; Distinguished Professor 1979–1980, Professor of English (Retired)
Walborsky, Harry M., Ph.D., Ohio State; Distinguished Professor 1980–1981, Professor of Chemistry (Decree 10/15/02)
Gilmer, Robert, Ph.D., Louisiana State; Distinguished Professor 1981–1982, Professor of Mathematics
Gagne, Robert M., Ph.D., Brown, Distinguished Professor 1982–1983, Professor of Research, Development, and Foundations (Retired)
Taylor, J. Herbert, Ph.D., Virginia; Distinguished Professor 1983–1984, Professor of Biological Sciences, and Program Director, Institute of Molecular Biophysics (Decrees 12/29/98)
Mandiklem, Leo, Ph.D., Cornell, Distinguished Professor 1984–1985, Professor of Chemistry (Retired)
Proschan, Frank, Ph.D., Stanford; Distinguished Professor 1984–1985, Professor of Statistics (Retired)
Krishnamurti, Tiruvalam N., Ph.D., Chicago, Distinguished Professor 1985–1986, Professor of Meteorology (Resigned)
Simberloff, Daniel, Ph.D., Harvard; Distinguished Professor 1986–1987, Professor of Biological Science (Resigned)
Herz, Werner, Ph.D., Colorado, Distinguished Professor 1987–1988, Robert O. Lawton Professor of Chemistry (Retired)
Madsen, Clifford K., Ph.D., Florida State; Distinguished Professor 1988–1989, Alumni Professor 1985–1988, Distinguished Teaching Professor 1989–1990, Professor of Music

Greaves, Richard L., Ph.D., London; Distinguished Professor 1989–1990, Professor of History
Robson, Donald, Ph.D., Melbourne, Australia; Distinguished Professor 1990–1991, Professor of Physical and Scientist/Scholar, School of Computational Science and Information Technology
Fichter, Hardar, Ph.D., Texas Woman’s University; Distinguished Professor 1991–1992, Chair and Professor of Dance (Retired)
Friedmann, E. Imre, Ph.D., Vienne; Distinguished Research Professor 1991–1992, Professor of Biological Science (Retired)
Smith, James C., Ph.D., Florida State; Distinguished Professor 1992–1993, Distinguished Teaching Professor 1993–1994, Professor of Psychology
Sethuraman, Jayaram, Ph.D., Indian Statistical Institute; Distinguished Professor 1993–1994, Professor of Statistics
Hofer, Kurt G., Ph.D., Vienna; Distinguished Professor 1994–1995, Distinguished Teaching Professor 1998–1999, Professor of Biological Science
Burroway, Janet G., M.A., Distinguished Professor 1995–1996, McKenzie Professor, Service Professor of English
Travis, Joseph, Ph.D., Duke; Distinguished Professor 1996–1997, Professor of Biological Science
O’Brien, James J., Ph.D., Texas A&M; Distinguished Professor, 1999–2000, Distinguished Research Professor, 1990–1991, Professor of Meteorology and Oceanography, and Russian Academy of Natural Science
Tam, Christopher K. W., Ph.D., California Institute of Technology; Distinguished Professor, 2000-2001, Professor of Mathematics and Mechanical Engineering, and Research Associate, Geophysical Fluid Dynamics Institute, Distinguished Research Professor, 1990–1991
Marcus, Nancy H., Ph.D., Yale; Distinguished Professor, 2001 – 2002, Mary Sears Professor of Oceanography, 2000, and Director, Program for Women in Math, Science, and Engineering
Kemper, Kirby W., Ph.D., Indiana; Distinguished Professor, 2002 – 2003, Chair of Physics and Computer, and John David Fox Professor of Physics, Distinguished Research Professor, 1993–1994
Kirby, David K., Ph.D., Johns Hopkins; Distinguished Professor, 2003–2004, Professor of English, McKenzie Professor, 1989
Marshall, Alan George, Ph.D., Stanford; Distinguished Research Professor, 1996–1999, Kasha Professor of Chemistry 2000

PROFESSIONAL AND ADMINISTRATIVE PERSONNEL

Educational degrees are categorized using the following abbreviations: D = Doctoral degree, M = Master’s degree, B = Bachelor’s degree, A = Associate’s degree, and O = Other educational background.

Abubhi, Douglas R., O, Coord Physical Plant, Seminole Golf Course & Club
Abell, Terry D., M, Coord Clinical Pgmms, Soc Work Multidisciplinary Au
Adamick, Steven H., M, Coord Facil Ping, Facilities Administr Services
Adams, Bernadette G., O, Coord Admin Svcs, International Programs
Adams, Erika Suzanne, B, Coord Hum Res/Pers Rel, Human Resources
Adams, Wayne B., M, Dir Adv/Alum Aff (Exec Svc), VP for University Relations
Adkins, Todd Walter, B, Coord Rsrc Pgmms/Svcs, Natl High Magnetic Field Lab

Aagelis, Kitty J., M, Director Audits/Investigations, Ofc of Audit Services
Agner, William S., Jr., B, ERP Analyst II, Enterprise Resource Planning
Agwunobi, Jennifer B., M, Coord Univ Rel/Pub Aff, VP for University Relations
Ahearn, Maureen A., B, Coord Human Svcs, Ctr for Prv & Early Intervnt
Aidman, Elyin L., O, Coord Acad Sup Svcs, Advising Services
Ajrab, Mina G., B, Coord Comp Applicnts, Ringling Center for the Arts
Akridge, James G., O, Coord Physical Plant, Oglesby Union Guest Services
Albers, Kris-Tena, M, Coord Human Svcs, Inst for Rsrch Infrastructure
Alexander, Cassandra V., B, Coord Acad Sup Svcs, Community College Relations
Alexander, Jerry D., O, Coord Physical Plant, Working Capital
Alexander, Karen E., M, Coord Rsrc Pgmms/Svcs, Medicine Instruction
Alexander, Lassandra C., B, Coord Stdh Fin Aid, Student Financial Aid
Alfano, Andrea N., M, Coord Career Dev Svcs, Career Center

NATIONAL ACADEMY OF SCIENCES THE FLORIDA STATE UNIVERSITY MEMBERS

Beidler, Lloyd, Ph.D., Johns Hopkins; Distinguished Professor 1971–1972, Professor of Biological Science (Retired)
Caspar, Donald L., Ph.D., Yale; Professor of Biological Science
Fisk, Zachary, Ph.D., California at San Diego, Paul A.M. Dirac Professor of Physics, 1999
Gor’kov, Lev P., Dr.Sc., Ioffe Physical Technical Institute, Leningrad; Professor of Physics, and Program Director, National High Magnetic Field Laboratory
Howard, Louis, Ph.D., Princeton; McKenzie Professor 1986; Professor of Mathematics (Retired)
Kasha, Michael, Ph.D., California at Berkeley; Distinguished Professor 1962–1963, Professor of Chemistry/Institute of Molecular Biophysics (Retired)
Schrieffer, John R., Ph.D., Illinois; Nobel Laureate in Physics, 1972; Professor of Physics, National High Magnetic Field Laboratory
Stern, Melvin E., Ph.D., Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, W.V. Ekman Professor of Oceanography, 1999
Taylor, J. Herbert, Ph.D., Robert O. Lawton Distinguished Professor 1983–1984, Service Professor of Biological Science (Decrees 12/29/98)

FOREIGN ACADEMIES THE FLORIDA STATE UNIVERSITY MEMBERS

Boyd, Monica, Ph.D., Duke; Mildred and Claude Pepper Distinguished Professor of Sociology, and Royal Society of Canada
Shehine, Raymond K., Ph.D., California at Berkeley; Service Professor of Chemistry and Physics, Robert O. Lawton Distinguished Professor 1966–1967, and Royal Danish Academy of Science and Letters (Retired)

NOBEL LAUREATE

Schrieffer, John R., Ph.D., Illinois; Professor of Physics, Nobel Laureate in Physics, 1972
Kroto, Harold W., Ph.D., University of Sheffield; Francis Eppes Professor of Chemistry, Nobel Laureate in Chemistry, 1996

Albaugh, Candice H., M, Coord Acad Sup Svcs, Medicine Instruction
Allen, Barbara L., B, Exec Assistant, Provost & VP Academic Affairs
Allen, James J., M., A, Coord Constr Proj, Environmental & Safety
Allen, James W., M, Coord Acad Sup Svcs, Community College Relations
Allen, Jimmie D., Jr., O, Asst Athl Coach, Athletics Admin
Allen, Margaret R., M, Coord Acad Sup Svcs, Medicine Instruction
Allen, Walter F., O, Coord Info/Pub Svcs, Industrial & Manufacturing Eng
Alonzo, Benjamin T., B, Asst Dir Bus/Fin/Au Sv, FSU Research Foundation
Altun, Julie E., B, Coord Acad Sup Svcs, Advising First Year
Alvarado Coleman, Angela, M, Assoc Dir Ed/Train Pgmms, Multicultural Student Affairs
Alvarez, Rafael G., M, Asoc VP Admin Aff (Exec Svc), VP Finance & Administration
Amos-Tata, Kimberly Leigh, M, Coord Coord Educ, Nursing Department
Anderson, Karen L., D, Coord Human Svcs, Inst for Rsrch Infrastructure
Hill, Laschel E., O, Coord Admiss/Registrar, College of Law
Hill, Latoya D., B, Coord Acad Sup Svcs, Medicine
Hilton, Mary L., M, Coord Rrch Pgm/Svcs, Inst for Rrch Infrastructure
Hingst, Jonna D., M, Athletic Trainer, Athletics Administration
Hinkle, Lee F., B, VP Univ Rel/Pub Aff (Exec Svcs), VP for University Relations
Hipes, Daniel, M, Asst Dir Res Pgm/Svcs, FL Natural Areas Inventory
Hires, Kyle L., O, Coord Admiss/Register, Admissions
Hitron, John, D, Asso Dir Res Pgm/Svcs, Ed Ball Marine Lab
Hixson, Daniel S., B, Sr Auditor/Investigator, Ofc of Audit Services
Hoagland, James W., O, Coord Comp Sys Control, OTC Networking
Hodges, Beth E., M, Coord Rsrch Pgm/Svcs, VP Research
Hodges, Glenn T., M, Coord Human Svcs, Inst for Rrch Infrastructure
Hoesing, Jennifer S., O, Coord Public Functions, VP for University Relations
Holden, Robert T., D, Asst Dir Univ Comp Sys, Acad Computing & Network Svcs
Holder, Monti, D, Spec Comp Research, Computational Science & Info Tech
Holland, Jamie D., B, Coord Ed/Train Pgm, Ctr for Academic Retention & Enrichment
Hollinger, Concetta R., O, Coord Rrch Pgm/Svcs, Advising First
Hollinger, Concetta R., O, Asst Dean Stdt Aff, Dean of College
Holt, Thomas J., A, Coord Bus & Fin/Aux Sv, Laundry Services
Hoover, Myrna P., M, Asoc Dir Career Dev Svcs, Career Development
Hoppin, Shari, D, Asst Dir Univ Housing, University Housing
Horton, Jeffrey N., B, Dir Rrch Pgm/Svcs, Dean College of Business
Hosken, Christopher Michael, O, Coord Broadcasting, WFSU FM
Houf, Susanne M., M, Coord Acad Sup Svcs, Information Systems
Hough, Kathryn L., M, Coord Acad Sup Svcs, Medicine Administration
Houle, Arthur J., B, Asst Dir Univ Comp Sys, OTC Networking
Howard, Brece P., B, Coord Comp Sys Control, Acad Computing & Network Svcs
Howard, Joyce N., D, Dir Stdt Aff, SGA Salaries
Howard, Leasa B., B, Coord Hum Res/Per Res, Human Resources
Howard, Leasa B., B, Coord Hum Res/Pers Rel, Human Resources
Howard, Millard X., D, Coord Human Svcs, Inst for Rrch Infrastructure
Howard, Robert M., B, Asst Dir Multipup Fac, Oglesby Union Guest Services
Hu, Lei, M, Coord Rrch Pgm/Svcs, Biological Science
Hudgens, Harvey A., O, Coord Res Pgm/Svcs, Resources
Hughes, Hunter R., A, Coord Accounting, Controller
Hughes, Senn F., B, Coord Human Svcs, Inst for Rrch Infrastructure
Huhtiquit, Dwayne E., B, Head Athl Coach, Athletics Administration
Hurd, Matthew C., B, Coord Acad Sup Svcs, Ofc of Undergraduate Studies
Hurst, Charles T., B, Asso Dir Intercol Ath, Athletics Administration
Husband, Adrian D., B, Coord Acad Sup Svcs, Advising First
Hutto, Lauren M., B, Psychologist, Soc Work Multidisciplinary Aux
Hyde, Jennifer K., B, Head Athl Coach, Athletics Administration
Hyndes, Joan Robert, M, Coord Acad Sup Svcs, Ringling Center for the Arts
Iffrig, William R., M, Asso Dir BusFin/Aux Sv, Business Administration
Ingman, Joyce A., D, Asst VP Human Res (Exec Svcs), Human Resources
Ira, Maria Lourdes M., M, Coord Stdt Aff, International Center
Irby, Kifani V., B, Coord Admiss/Register, Admissions
Ivey, Ashley V., O, Coord Adv/Alm Aff, Coll Vis Arts, Theatre & Dance
Izawa, Naoya, O, Psychologist, University Counseling Center
Jackson, Dale R., D, Coord Rsrch Pgm/Svcs, FL Natural Areas Inventory
Jackson, Lonita N., O, Coord Stdt Aff, Dean of Students
Jackson, Trina R., M, Asst Dir Stdt Aff, PCC Student Affairs & FA
Jacobson, Thomas L., B, Dir Env Hlth & Sfy, Environmental Health & Safety
Jadrych, Guy K., O, Coord Comp Sys Control, User Services
James, Janis M., B, Coord Rsrch Pgm/Svcs, Sponsored Research Services
Jammigumplula, Neelima, O, Spec Comp Research, Computational Science & Info Tech
Jarrard, John B., B, Coord Comp Applicats, CPD E&G Administration
Jarrard, John B., B, Coord Comp Applicats, Ctr for Prev & Early Interntn
Jarrel, Domena R., B, Coord Accounting, Controller
Jaskulska, Michael R., M, Asst Athl Coach, Athletics Administration
Javed, Archad, B, Coord Accounting, Ctr for Health Equity
Jeffrey, Patrick S., B, Asst Athl Coach, Athletics Administration
Jenkins, Amy M., B, Coord Rsrch Pgm/Svcs, FL Natural Areas Inventory
Jenkins, Ann D., M, Coord Acad Sup Svcs, Medicine Administration
Jenkins, CarrieAnne Marie, B, Coord Accounting, Sponsored Research Accounting
Jennings, Danielle J., M, Coord Human Svcs, Inst for Rrch Infrastructure
Jennings, Jeffrey A., B, Coord Comp Applicats, Human Resources
Jensen, Kristine L., M, Asst Athl Coach, Athletics Administration
Jensen, Peter E., B, Spec Comp Applicats, Natl High Magnetic Field Lab
Jernigan, Caroline Kreimer, M, Spec Comp Research, Dean College of Business
Jernigan, James E., B, Spec Comp Sys Control, Dean College of Business
Jernigan, Mary W., M, Asso Dir Ed/Train Pgm, VP Finance & Administration
Jiang, Tiehu,
Jia, Xixi,
Jernigan, Mary W., M, Coord Acad Sup Svcs, Medicine Administration
Jernigan, Caroline Kreimer, M, Spec Comp Research, Dean College of Business
Jernigan, James E., B, Spec Comp Sys Control, Dean College of Business
Jernigan, Mary W., M, Asso Dir Ed/Train Pgm, VP Finance & Administration
Jia, Xixi,
Jernigan, James E., B, Spec Comp Sys Control, Dean College of Business
Jernigan, Mary W., M, Asso Dir Ed/Train Pgm, VP Finance & Administration
Jia, Xixi,
Jernigan, James E., B, Spec Comp Sys Control, Dean College of Business
Jernigan, Mary W., M, Asso Dir Ed/Train Pgm, VP Finance & Administration
Jia, Xixi,
Jernigan, James E., B, Spec Comp Sys Control, Dean College of Business
Jernigan, Mary W., M, Asso Dir Ed/Train Pgm, VP Finance & Administration
Jia, Xixi,
Pennington, Kathryn M., B, Spec Comp Research, Ctr for Info Train & Eval Svcs
Pensy, Ryan L., B, Coord Comp Applictions, Athletics Administration
Pequignot, Jacquey J., M, Asst Dean Sttd Aff, Dean of Students
Peredich, Joseph G., M, Coord Comp Sys Control, North-West Regional Data Center
Perez, Hayden F., B, Asst Athl Coach, Athletics Administration
Perkins, Amanda Rose, M, Coord Acad Sup Svcs, Medicine Instruction
Perry, Christen Holl, M, Coord Acad Sup Svcs, Dean Undergraduate Studies
Perry, Christen Holl, M, Coord Career Dev Svcs, Career Center
Perry, David L., M, Dir Safety & Secur, Public Safety
Perry, Delilah C., B, Coord Acad Sup Svcs, History
Perry, Linda Faye, B, Coord Human Svcs, Inst for Rsrchs Infrastructure
Perry, Linda Faye, B, Coord Human Svcs,Ctr for Health Equity
Pete, Keilta A., M, Coord Env Hlth & Sfty, Environmental Health & Safety
Peters, David D., M, Coord Stdt Aff, Camp Rec Intramurals
Peters, Margaret F., B, Coord Stdt Aff, Oglesby Union
Peterson, Barbara K., B, Asst Dir Phy Plant, Building Services
Peterson, Michael A., B, Asst Dir Med Hlth Admin, Thagard Student Health Center
Pettrissin, Adrian, M, Coord Comp Applicants, Geological Sciences
Pfeil, Cheryl T., M, Athlete Trainer, Athletics Administration
Pfeil, William J., M, Athlete Trainer, Athletics Administration
Phillips, Gregory J., M, Assoc Dir Intercoll Ath, Athletics Administration
Phillips, Robin G., B, Coord Stat Rsrch, Ctr for Acad Retention & Enhr
Phillips, Sherilyn H., O, Coord Admin Svcs, Coll of Social Sciences
Pickard, Kenneth W., O, Coord Rcrg Prgms/Svcs, Natl High Magnetic Field Lab
Picou, Dean A., D, Psychiatrist, Thagard Student Health Center
Pierre Louis, Claudin, M, Coord Comp Applicants, Medicine Orlando
Pigott, Wendy E., B, Coord Acad Sup Svcs, Modern Languages & Linguistics
Pillillant, Robert B., B, Asst Dir Bus&Fin/Aus Sv, Ringling Center for the Arts
Pinkerton, Lorylene E., B, Asst Dir Facil Png, Facilities Planning
Pipkin, Carrie E., B, Coord Comp Applicants, User Services
Pittman, David L., M, Asst Dir Multipuels Fac, Oglesby Union
Pittman, Mary J., B, Coord Accounting, Controller
Pitts, Christopher L., O, Coord Hum Res/Pers Rl, Human Resources
Pitts, James E., D, Dir Bus & Fin/Aux Svcs, International Programs
Black, David S., M, Coord Acad Pcms, Dean; College of Music
Platt, Mary G., M, Spec Comp Applicants, Controller
Pielessing, Greti K., B, Asst Dir Radio-TV, WFSU FM
Pitch, Michelle T., B, Coord Admis/Regist, Admissions
Pietti, David R., B, Athletic Trainer, Athletics Administration
Poik, James S., B, Coord Accounting, Sponsored Research
Pollock, Leon III, B, Coord Comp Sys Control, Northwest Regional Data Center
Pollock, Phillip M., M, Coord Info/Pub Svcs, Coll of Law
Pond, Laura, M, Coord Admin/Regist, Admissions
Poole, Brenda H., B, Coord Accounting, Controller
Pope, Vivian T., M, Coord Ed/Train Prgms, Enterprise Resource Planning
Porcza, Melissa A., B, Coord Museum Ops, Ringling Center for the Arts
Powell, Barbara A., O, Coord Accounting, Business Services
Powell, James A., O, Asst Dir Res Prgms/Svcs, Natl High Magnetic Field Lab
Powell, Steven N., M, Coord Stdt Aff, Campus Rec Fitness Center
Powers, Britton C., B, Coord Comp Applicants, Career Center
Prevatt, Bruce C., D, Dir Ed/Train Prgms, VP Finance & Administration
Price, Lynn M., B, Coord Mgmt Analysis, Inst for Rsrch Infrastructure
Price, Theresa A., B, Asst Dir Res Prgms/Svcs, Natl High Magnetic Field Lab
Pritchett, Nikki J., D, Psychologist, University Counseling Center
Proctor, Betty J., M, Coord Human Svcs, Ctr for Prev & Early Intervt
Prophet, Peggy J., B, Coord Human Svcs, Inst for Rsrch Infrastructure
Pucchi, John A., O, Coord Rsrh Prgms/Svcs, Natl High Magnetic Field Lab
Pugh, Lindsey K., M, Coord Career Dev Svcs, Career Center
Pullen, Robert E., B, Coord Hum Res/Pers Rl, Human Resources
Purcell, Jamara O., M, Coord Acad Sup Svcs, Dean Undergraduate Studies
Purinton, Jeffrey L., B, Coord Sports Info, Athletics Administration
Purinton, Kelly A., B, Coord Bus & Fin/Aus Sv, Univ Business Administrators
Purvines, Teresa L., O, Coord Acad Sup Svcs, ODDEL Guest Planning
Purvis, Mark E., B, Coord Telecomm, Telecommunications Enterprise
Putnam Hancock, Jean C., B, Coord Acad Pcms, Biological Science Administration
Quero Munoz, Jose H., B, Coord Accounting, Controller
Quimby, Joseph S., III, M, Coord Hum Res/Pers Rl, Human Resources
Quinn, John P., B, Coord Rcrg Prgms/Svcs, Natl High Magnetic Field Lab
Quinn, Timothy W., D, Assoc VP Student Aff (Exec Svcs), Student Affairs
Rainondi, Nicole M., B, Asst Dir Acad Sup Svcs, Advising First Years
Raines, Gelen B., M, Coord Hum Res/Pers Rl, Human Resources
Rancourt, Charles A., B, Coord Admin Svcs, Athletics Administration
Randall, Dawn C., B, Asst Dir Univ Rel/Pub Aff, VP for University Relations
Rapp, Lawrence J., M, ERP Analyst II, Enterprise Resource Planning
Rasmussen, Dorothy D., M, Assoc Dir Acad Progrms, Ctr for Civic Ed & Service
Rau, Kelly E., B, Coord Admin Svcs, Univ Business Administration
Ray, Barry, O, Coord Edu Media/Comm, University Communications
Ray, Susan Degrange, B, Asst Dir Res Prgms/Svcs, Natl High Magnetic Field Lab
Rea, Clyde G., M, Asst Dir Bus&Fin/Aus Sv, Univ Business Services
Reaves, Rodney E., B, ERP Analyst III, Enterprise Resource Planning
Reazin, Ronald D., M, ERP Analyst III, Enterprise Resource Planning
Record, Kimberly S., B, Asst Dir Intercoll Ath, Athletics Administration
Redeker, Travis J., M, Coord Stdt Aff, Camp Rec Intramurals
Reed, Marcia T., B, Coord Accounting, Advising Services
Reed, William J., M, Coord Comp Apps, Inst for Rsrch Infrastructure
Reich, Andrew R., M, Coord Rcrg Prgms/Svcs, Inst for Rsrch Infrastructure
Reineke, Megan M., M, Coord Admin/Regist, Adminsions
Reis, Barbara B., M, Coord Acad Sup Svcs, Humanities
Renard, Beverly C., M, Coord Comp Applicants, FL Res & Environ Analysis Ctr
Rendell, Dawn Lynnell, B, Coord Unv Housing, University Housing
Reynolds, Lela C., M, Coord Clinical Pgmns, PCC Dean’s Office
Rice, Jennifer Dianne, B, Coord Comp Applicants, Advising Services
Rice, Susan S., B, Coord Admin Svcs, Facilities Admin Services
Richard, Brandon W., O, Coord Acad Sup Svcs, Advising
Richards, Jacqueline S., B, Asst Athl Coach, Athletics Administration
Richardson, Andrew T., A, Coord Comp Applicats, Inst for Rsrch Infrastructure
Richardson, Angela C., M, Dir Acad Supp Svcs, Dean Undergraduate Studies
Richardson, Donald E., O, Coord Rcrg Prgms/Svcs, Natl High Magnetic Field Lab
Richardson, Donald A., M, Coord Human Svcs, Inst for Rsrch Infrastructure
Riddle, Kimberly A., B, Coord Rcrg Prgms/Svcs, Biological Sciences Administration
Riggins, Dwan A., B, Athlete Trainer, Athletics Administration
Riley, Julie D., M, Coord Clinical Pgmns, Communication Disorders
Riley, Linda S., B, Asst Dir Stty Sec, Public Safety
Rine, Steven P., B, Coord Info/Pub Svcs, Publications
Rinellow, Robert W., B, Coord Admis/Regist, Administrators
Ringel, Jennifer A., M, Coord Acad Sup Svcs, Dean Undergraduate Studies
Ringgold, Clinton A., A, Coord Sys Control, OTC Networking
Ringo, Stephen E., B, Coord Comp Applicats, College of Law
Rivera, Gerardo Martin, D, Coord Hum Res/Pers Rl, Human Resources
Robeck, Elizabeth A., A, Coord Admin Svcs, Facilities Administration
Roberson, Bettina A., B, Coord Admin Svcs, Natl High Magnetic Field Lab
Roberts, Anthony K., B, Coord Rcrg Prgms/Svcs, FL Res & Environ Analysis Ctr
Roberts, Catherine S., B, Coord Hum Res/Pers Rl, Human Resources
Roberts, Elizabeth J., M, Coord Human Svcs, Ctr for Prev & Early Intervt
Roberts, Elizabeth J., M, Coord Human Svcs, Ctr for Prev & Early Intervt
Roberts, John D., M, Spec Comp Research, Chemistry & Biochemistry
Roberts, Kimberly M., M, Coord Rcrg Prgms/Svcs, Childhood Edu Read & Disbl Svce
Roberts, Mary A., M, Coord Ed/Train Prgms, Ctr for Civc Ed & Service
Roberts, Stephen B., O, Coord Acad Pgmns, Schl of Motion TVC Rec Art
Robins, Andrew M., M, Asst Athl Coach, Athletics Administration
Robinson, Charles, B, Coord Accounting, Natl High Magnetic Field Lab
Robinson, Christina M., O, Coord Cont Educ, CPD E&G Administration
Robinson, Christopher M., O, Coord Cont Educ, CPD E&G Administration
Robinson, Earl D., M, Coord Acad Sup Svcs, Athletics Administration
Robinson, Jessica A., B, Coord Accounting, Controller
Robinson, Joaquin B., B, Coord Acad Sup Svcs, Athletics Administration
Robinson, Joseph A., B, Coord Accounting, Controller
Robinson, Joan G., B, Coord Info/Pub Svcs, Coll of Criminology & Crim Jst
Robinson, Markus A., B, Coord Comp Applicats, Public Safety
Robinson, Ralph G., M, Coord Accounting, Controller
Robinson, J Jeffrey, M, Exec Assistant, VP for University Relations
Roby, Christopher J., M, Dir Multipups Facil, Oglesby Union
Rockenstein, Kurt R., B, Coord Comp Applicants, Education Ofc of Admin Affairs
Rockwell, Deirdre K., B, Coord Admis/Regist, CPD E&G Administration
Rodriguez, Rebeca J., M, Coord Acad Sup Svcs, Medinces Instruction
Rogers, Russell C., B, Coord Acad Sup Svcs, Medicine Instruction
Rogers, Robert E., B, Coord Acad Sup Svcs, Medicine Instruction
Rolf, William J., O, Spec Music, Coll Vis Arts, Theatre & Dance
Rome, Alyson F., M, ERP Analyst I, Human Resources
Ronquist, Eva M., M, Coord Info/Pub Svcs, Computational Sci & Info Tech
Rose, Kathleen V., B, Coord Acad Sup Svcs, Schl of Communication & Crim Jst
Rosenthal, Jessica L., B, Coord Info/Pub Svcs, VP for University Relations
Roth, Jessica Elaine, B, Coord Admin/Regist, Adminsions
Rothschild, Darren M., D, Psychiatrist, University Counselinng Center
Rouffiac, Sylvia S., B, Coord Bus & Fin/Aux Svcs, Univ Business Administrators
Rowe, Angela R., B, Coord Accounting, Controller
University Faculty, Professional and Administrative Personnel 397
RETIRED FACULTY

* Professor Emeritus
  + Distinguished Professor Emeritus
* Aaron, Shirley, (1975-1994), Ph.D., Professor of Information Studies
* Abcarian, Gilbert, (1967-1992), Ph.D., Professor of Political Science
* Adam, Eleanor, (1953-1979), M.A., Chair and Professor of Textiles and Consumer Sciences
* Adams, Jane L., (1946-1966), M.A., Assistant Professor and Night Director, University Union
* Albertson, Robert W., (1955-1998), University School Associate Professor, Developmental Research School
* Albright, Grace, (1950-1973), M.C.S., Research Associate and Assistant to the Vice President for Academic Affairs
* Albright, John R., (1963-1995), Ph.D., Professor of Physics
* Alderman, Nelda Cuming, (1952-1976), M.S., Assistant Professor, Developmental Research School
* Alderson, John J., (1968-1992), M.S.W., Professor of Social Work
* Alexander, Lucille C., (1981-1995), B.S., Assistant in Nursing, School of Nursing
* Alford, Allie America, (1947-1968), M.A., Assistant Professor and Assistant Librarian, Library
* Allaire, Joseph L., (1967-2003), Ph.D., Associate Professor of Modern Languages and Linguistics
* Allen, Ruby, (1978-1999), Ph.D., Professor of Theatre and Assistant Program Director, Asolo State Theatre
* Almarode, Richard, (1962-1994), M.S., Associate Professor of Hospitality
* Altholz, Judith, (1993-2003), Ph.D., Assistant Professor of Social Work
* Anderson, Loron C., (1974-2003), Ph.D., Professor of Biological Science and Curator
* Anthony, William P., (1979-2005), M.S., Professor of Political Science
* Anner, Michael J., (1979-2005), Ph.D., Professor of Sociology
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Main Campus Map (following page)
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