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</tr>
<tr>
<td>.......................................................</td>
<td>Industrial Engineering .............</td>
<td>University Administration ..........</td>
</tr>
<tr>
<td>.......................................................</td>
<td>Information Studies ..................</td>
<td>University Faculty, Professional</td>
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<td>.......................................................</td>
<td>Interior Design ......................</td>
<td>and Administrative Personnel ....</td>
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<td>.......................................................</td>
<td>International Affairs ...............</td>
<td>Index ....................................</td>
</tr>
<tr>
<td>.......................................................</td>
<td>Italian Studies Florence Center Minor</td>
<td>229</td>
</tr>
<tr>
<td>.......................................................</td>
<td>Latin American and Caribbean Studies</td>
<td>230</td>
</tr>
</tbody>
</table>

| Campus Maps ................................|
# UNIVERSITY CALENDAR

## Opening and Closing Dates

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>August 23 – December 10</td>
<td>January 5 – April 29</td>
<td>13 Week May 9 – August 5</td>
</tr>
<tr>
<td>2005</td>
<td>November 6</td>
<td>March 7 – 11</td>
<td>May 9 – August 5</td>
</tr>
<tr>
<td>2006</td>
<td>August 29 – December 16</td>
<td>January 9 – April 28</td>
<td>May 9 – August 4</td>
</tr>
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</table>

## Legal Holidays (no classes)

<table>
<thead>
<tr>
<th>Year</th>
<th>New Year’s Day</th>
<th>Martin Luther King, Jr. Day</th>
<th>Memorial Day</th>
<th>Independence Day</th>
<th>Labor Day</th>
<th>Veteran’s Day</th>
<th>Thanksgiving Day</th>
<th>Friday After Thanksgiving</th>
<th>Christmas Day</th>
</tr>
</thead>
</table>

For registration dates, see the Registration Guide available online at [http://registrar.fsu.edu](http://registrar.fsu.edu).

## Admission/Readmission/Special/Transient Application Deadlines (2004 – 2005)

<table>
<thead>
<tr>
<th>United States Undergraduate</th>
<th>Fall 2004</th>
<th>Spring 2005</th>
<th>Summer 2005</th>
</tr>
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<tbody>
<tr>
<td>Freshman</td>
<td>March 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
<tr>
<td>Transfer</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>United States Graduate*</th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
<tr>
<td>Transfer</td>
<td>May 1, 2004</td>
<td>September 1, 2004</td>
<td>February 1, 2005</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Readmission</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
<tr>
<td>Graduate*</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Special Student</th>
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</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
<tr>
<td>Graduate*</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Transient Student</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Undergraduate**</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1, 2004</td>
<td>November 1, 2004</td>
<td>March 1, 2005</td>
</tr>
</tbody>
</table>

*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 deadline 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.
### Admission/Readmission/Special/Transient Application Deadlines (2005 – 2006)

<table>
<thead>
<tr>
<th>Category</th>
<th>Fall 2005</th>
<th>Spring 2006</th>
<th>Summer 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>United States Undergraduate</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshman</td>
<td>March 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td>Transfer</td>
<td>July 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td><strong>United States Graduate</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>International</td>
<td>March 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td>Freshman</td>
<td>March 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td>Transfer</td>
<td>May 1, 2005</td>
<td>September 1, 2005</td>
<td>February 1, 2006</td>
</tr>
<tr>
<td>Graduate*</td>
<td>May 1, 2005</td>
<td>September 1, 2005</td>
<td>February 1, 2006</td>
</tr>
<tr>
<td><strong>Readmission</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td>Graduate*</td>
<td>July 1, 2005</td>
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<td>March 1, 2006</td>
</tr>
<tr>
<td><strong>Special Student</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td><strong>Transient Student</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate**</td>
<td>July 1, 2005</td>
<td>November 1, 2005</td>
<td>March 1, 2006</td>
</tr>
<tr>
<td>Graduate</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 deadline 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 2004 ACADEMIC CALENDAR

Note: 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. 16–April 23, 2004  Registration for continuing and readmitted students.


July 1, 2004  Last day community college students can apply for Fall 2004 Cooperative Program Registration.

Aug. 1–Sept. 2, 2004  Fee Payment at 1500 University Center. For account status and fee payments visit http://www.fees.fsu.edu. 8:30 a.m. – 4:30 p.m. each day; open until 6:00 p.m. on August 27 and Sept. 2. Annual student parking permits are issued at 1500 University Center and other locations as posted.


Aug. 20, 2004  Registration for First time FSU degree-seeking students (Graduate): 8 a.m. – midnight. Last day to file for change in residency status. Special Student Registration: 8 a.m. – midnight.

Aug. 21–26, 2004  Florida National Guard Registration (for those using National Guard waivers.) Drop/Add, (Includes Law School) 8 a.m. – midnight. Drop/Add ends at midnight, August 26, 2004.


Aug. 23–24, 2004  Late Registration ($100.00 late registration fee.)

Aug. 23–27, 2004  FAMU—FSU Co-op Program Registration at the Office of the University Registrar: 8 a.m. to 5 p.m.

Aug. 26, 2004  Last day to Drop/Add and have fees adjusted. Students are liable for all fees for courses still on their schedules at 12:00 midnight. Last day to add a course without academic dean’s permission.

Aug. 27, 2004  Fifth Day of Classes. Last day to cancel enrollment and have fees removed. Last day to submit waivers, billings or Veterans’ deferment. Registration for state employees (non-FSU employees) using State Employee Fee Waivers, 8:00 a.m.–6:00 p.m.

Aug. 31, 2004  Financial Aid Checks Mailed. (Exception: First-time borrowers at FSU will receive their loan funds on Sept. 9, 2004).

Sept. 1, 2004  Financial aid available via EFT in FSUCard accounts. First day to apply for financial aid deferments and delayed delivery loans.

Sept. 2, 2004  Last day to pay or defer fees without a $100 late fee.

Sept. 3, 2004  Last Day to Register for CLAST Exam, (850) 644-3181. Last day to file for Fall 2004 Graduation at the Office of the University Registrar.

Sept. 6, 2004  Labor Day. No Classes.

Sept. 7–10, 2004  New Transfer Student Follow-up Session. First term transfers should make an individual follow-up appointment with their advisor to review schedules.

Sept. 17, 2004  Last day to submit form requesting S/U grading or to change S/U option back to regular grade.


Oct. 4–22, 2004  Spring 2005 Academic Advising for all currently enrolled and readmitted degree-seeking students.


Oct. 15, 2004  End of Seventh Week of Classes.

Nov. 1, 2004  Last day to withdraw without receiving a grade.

Nov. 5, 2004  Homecoming: No classes after 1:10 p.m.

Nov. 8, 2004  Official Thesis/Dissertation manuscript approval deadline for Fall semester, 408 Westcott.

Nov. 11, 2004  Veteran’s Day Holiday. No Classes.

Nov. 12, 2004  Last day to officially withdraw from school.

Nov. 15, 2004  Official Thesis/Dissertation copies due to manuscript clearance advisor for Fall semester, 408 Westcott.

Nov. 19, 2004  Financial Aid Deferments Expire. Full tuition payment must be made by the student to avoid a late payment.

Nov. 25–26, 2004  Veterans’ Deferments Expire.


Dec. 6–10, 2004  Final Examination Week.

Dec. 10, 2004  Semester Ends.

Dec. 11, 2004  Residence Halls close at noon.

Commencement: Civic Center, 9 a.m.

Dec. 13, 2004  Registrar’s Office closed for grade processing.
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 status, or any other protected group status. This policy applies to faculty, staff, students, visitors and contractors in a manner consistent with applicable federal, state and University laws, regulations, orders and rules.

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 from all realms: cultural, positional and social, among others. 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 opportunities are available equitably to all;
- Building multidimensional, diversified workforce reflective of their availability;
- Fostering leadership and direction that guarantees an accountable, highly participatory, effective institution of higher learning at all levels; and
- Communicating the same to all 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 of University-wide education programs and employment activities through collaboration with the Office of Dean of the Faculties and all other divisions and departments. Further, Human Resources and the Office of Dean of the Faculties serve the University in helping to create an ideal educational environment that encompasses 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.

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 reasonable and appropriate accommodations, the Florida State University’s ADA Coordinator may be contacted as follows: Mr. Robert Pullen, Human Resources/Office of Diversity Enhancement and Compliance, University Center, Bldg. A, Suite 6200.

The Transition Plan, related updates, and self-evaluation reports are available for review in Human Resources/Office of Diversity Enhancement and Compliance. Upon request, this publication also is available in alternative formats through Human Resources/Office of Diversity Enhancement and Compliance, (850) 644-8142, via e-mail at rpullen@admin.fsu.edu or the Student Disability Resource Center, (850) 644-9566, e-mail: lemiller@admin.fsu.edu.

HIV/AIDS Policy

Students, employees, and applicants for admission or employment at The Florida State University who have or who may become infected with HIV 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 State of Florida, 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 which require University action.

The University will be guided in its implementation of this policy by current authoritative medical information, applicable federal and state law, the State of Florida, 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 Hennessy, Ph.D., Student Counseling, 644-2003. Anonymous HIV testing is available for students and staff at Thagard Student Health Center. Any interested individuals should call 644-0579 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 at The Florida State University, whether by faculty, students, 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, gropeing, 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 University’s 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 shall 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 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, which will then 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 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.


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 policy and shall report the matter, 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 giving notice to the person alleged to be 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;
- 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 complaint 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 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. 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 Bulletin, etc.), electronic format (http://www.auditservices.fsu.edu/sh/policy), 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 supercedes 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.
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 to integrate the liberal arts with professional education, 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 seeks 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 School of Music and includes prominent programs in Theatre, Dance, and the Visual Arts. Within the areas of humanities, the Department 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 School 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 services and professions, 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’s inclusion in the Florida State University System and Florida’s commitment to 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 369 National Merit, National Achievement and Hispanic scholars, as well as students with superior creative and academic 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 4.4 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 23.1 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 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.

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 of 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 their 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 extends to those who have dealings with the University and those who are 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 which 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 oneself, and to one’s own personal fulfillment and social service. Students are urged to use their freedom in the University community to develop habits of responsibility which lead to the achievement of personal and social values. Responsible student behavior is based on 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. The University discriminates against the dissemination 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, and the University does not discourage 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 websites, 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 which 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 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. In order 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.
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>Common Alcohol Offenses (Leon County)</th>
<th>Typical Penalty</th>
<th>Maximum Penalty</th>
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<tbody>
<tr>
<td>Possession or attempt to purchase alcohol by a person under 21 years of age.</td>
<td>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. | Diversion program; $180 fine; 10 hours community work program. | First Offense: 60 days jail; $500 fine. |

Providing alcohol to a person under 21. | 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 judgement, 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 common 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 inhalents. 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 Enhancement Department, (850) 644-8871, provides educational workshops for any audience on 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, 224-NEED.
- Narcotics Anonymous, 599-2876.
- Alcoholics Anonymous, 224-1818.
- The Florida State University Student Counseling Center, 644-2003, is available to students for counseling and support services.
- The Florida State University Marriage and Family Therapy Clinic (644-1588) provides limited treatment services.

Additional Information is available on the Internet at the following websites:


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 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, a seminarian 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 which 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 would today call post-secondary education; seven bachelor of arts (BA) degrees were awarded that year. By 1897 the institution had evolved into the first liberal arts college in the state, and in 1901 it became Florida State College, a four-year institution, with the first master’s degree offered in 1902. That year the Board of Control and the Correspondence School were established.

In 1903 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, first chapter 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 in other states and communities, the legislature act passed in 1885, bestowing upon the institution the title of 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.

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 which grew to become the third largest women’s college in the nation through the 1930s. The College became fully accredited in 1915, and a charter 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 Universities. The college student body numbered 252 men and women, 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 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 Education, 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 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 first black student enrolled in 1962, and the first black PhD candidates graduated in 1970. Programs in African American Studies and Women’s Studies were established. Continuing the liberal arts tradition begun in the 1890s, the Liberal Studies Program required of all undergraduates was expanded and strengthened.

In each succeeding decade, The Florida State University has added to its academic organization and now comprises 17 colleges and schools. It has expanded from the original few acres and buildings to over 511 buildings on nearly 1,445.2 acres, including the downtown Tallahassee main campus of 448.3 acres; a farm, which for many decades supplied the Florida State College for Women with food; the Seminole Reservation—a reenactment vacay; the Old University’s first doctor of philosophy (PhD) 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 students in education, Tully Gymnasium, Strozier Library, and the Business Building were completed to enhance the education of the ever-increasing student population.

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and 135 countries. The breakdown by class included 6,981 freshmen, 6,054 sophomores, 7,861 juniors, 8,401 seniors, 735 law students, 1,180 special students, and 6,116 graduate students. Of the student body, 43.7% are men, 56.3% women. The faculty totaled 2,119.

The Panama City campus is located on beautiful North Bay, 100 miles west of Tallahassee, near the Gulf of Mexico. The campus, with its modern classrooms and offices, has been designed to utilize the natural landscape of the site, creating an aesthetic and effective educational setting.

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 1, 1965, has as its purpose to further the public interest in the adequate educational preparation of students in grades K-12 and to promote the quality of instruction by American and East European Studies; Molecular Biophysics; Neuroscience; Program in Chemical Physics; Classics and Religion; Military Science; Modern Languages and Literature; Mathematics; Mechanical Engineering; Electrical Engineering; Mechanical Engineering; Chemical Engineering; Civil Engineering; and 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; 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.

School of Criminology and Criminal Justice

College of Education

Departments: Educational Leadership and Policy Studies; Educational Psychology and Learning Systems; Elementary and Early Childhood Education; Middle and Secondary Education; Special 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.

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; 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.

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The academic organization of the University comprises 17 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
The Florida State University

African Reubin O’D. Askew School of

Marriage and Family; Independent Living for Persons with Disabilities.

School of Information Studies

College of Law

Interdisciplinary Programs: Law and Business Administration; Law and Economics; Law and Information Studies; Law and International Affairs; Law and Public Administration; Law and Urban and Regional Planning.

College of Medicine

School of Motion Picture, Television, and Recording Arts

School of Music

Interdisciplinary Program: Music Research.

School of Nursing

College of Social Sciences

School: Reubin O’D. Askew School of Public Administration and Policy.

Departments: Economics; Geography; Political Science; Sociology; Urban and Regional Planning.

Interdisciplinary Programs: African American Studies; Asian Studies; Center for Demography and Population Health; Health Services Administration and Policy; International Affairs; Pepper Institute on Aging and Public Policy; Marriage and Family; Economic Policy and Government; Russian and East European Studies; Program in Social Science; Urban and Regional Planning and Public Administration.

School of Social Work

School of Theatre

School of Visual Arts and Dance

Departments: Art; Art Education; Art History; Dance; Interior Design.

Interdisciplinary Program: Arts Administration.

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

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 Institute of Government

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

The Florida Center for Prevention Research

International Programs

Florida–Costa Rica Linkage Institute (FLORICA)

Florida–France Linkage Institute

College of Arts and Sciences

Antarctic Marine Geology Research Facility

Center for Materials Research and Technology

Center for Ocean-Atmospheric Prediction Studies

Cooperative Institute for Tropical Meteorology

FSU Sensory Research Institute

Geophysical Fluid Dynamics Institute

Institute for Cognitive Sciences

Institute for Fishery Resource Ecology

Institute for the Study of Emotion

Institute of Molecular Biophysics

Institute on Napoleon and the French Revolution

Institute on World War II and the Human Experience

Middle East Studies Center

Statistical Consulting Center

Terrestrial Waters Institute

Winthrop-King Institute for Contemporary French and Francophone Studies

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

Florida Government Performance Survey Research Center

International Center for the Advancement of Political Communication

L.L. Schendel Speech and Hearing Clinic

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

Melvyn Draheim Hardee Center for Women in Higher Education

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 (also under Institute of Science and Public Affairs)

Center for Marriage and Family Therapy

Florida Inter-University Center for Child, Family and Community Studies

Florida State University Family Institute

Resource Materials Center

School of Information Studies

Information Use Management and Policy Institute

College of Law

Florida Dispute Resolution Center

College of Medicine

Center of Excellence for Patient Safety

Center for Rural Health Research and Policy

Center on Terrorism and Public Health

School of Motion Picture, Television and Recording Arts

Institute of Motion Picture, Television and Recording Arts

Center on Terrorism and Public Health

Center of Excellence for Patient Safety

College of Social Sciences

Center for Civic and Nonprofit Leadership

Center for Demography and Population Health

Claude Pepper Center

DeVoe L. Moore Center for the Study of Critical Issues in Economic Policy and Government

Florida Public Affairs Center

Gus A. Stavros Center for the Advancement of Free Enterprise and Economic Education

LeRoy Collins Institute

Pepper Institute on Aging and Public Policy

POLICIES & INFORMATION
School of Social Work
Center for Social Work Research and Practice
Institute for Family Violence Studies
Institute for Health and Human Services Research (also under Institute of Science and Public Affairs)
Traumatology Institute
Trinity Institute for the Addictions

Provost’s Office
Institute for Academic Leadership
Research, Office of the Vice President for
FSU Center for Health Equity

Other Instructional Units
Reserve Officers Training Corps

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 freshmen and sophomores. The Air Force ROTC classes are listed in this General Bulletin under “Aerospace Studies.” For additional information, visit our website at http://www.fsu.edu/~armyrotc/ or visit in person at 201 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 website at http://www.fsu.edu/~armyrotc/ 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 Corps Scholarship Program; 3) the two-year NROTC College Program; and 4) 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 $300.00 per semester. Additionally, a stipend of $250.00 (freshmen), $300.00 (sophomores), $350.00 (juniors), or $400.00 (seniors) is paid monthly 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 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 (lift mean) for the University. 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 Program office is located in the Perry-Paige Building on the FAMU campus. For additional information, visit our website at http://www.famu.nrotc.com. Written requests for information should be addressed to: Recruiting Officer, NROTC Unit, Florida Agricultural and Mechanical University, Tallahassee, FL 32310. The Florida State University ROTC Program is located in the Perry-Paige Building on the FSU campus. For additional information, visit our website at http://www.fsu.edu/~armyrotc/ or visit in person at 201 Harpe-Johnson Hall.
lowing: information and database designs; user interfaces for online professional development and credit programs; and online registration, payment, and courseware.

Anyone interested in obtaining further information regarding the Center for Professional Development’s services or programs should contact the Center for Professional Development, The Florida State University, Tallahassee, FL 32306-1640. The center’s website can be accessed at http://learningforlife.fsu.edu. Phone: (850) 644-3801.

The Center for Intensive English Studies (CIES). CIES 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. CIES 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 Intensive English Studies, 918 West Park Avenue, The Florida State University, Tallahassee, FL 32306-4170. Phone: (850) 644-4787. E-mail: cies@mailer.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, county, 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

The Learning Systems Institute is a multidisciplinary research and development unit dedicated to improved human performance. The Learning Systems Institute (LSI) is a recognized world leader in applying instructional systems design (ISD) in school, business, industry, and military settings. LSI has brought more than $150 million in externally funded research to The Florida State University, over a 36-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 expertise and complex cognitive skills;
5. International development through improved learning systems; and
6. Education policy studies and research.

To obtain further information about LSI, contact Learning Systems Institute, 4600 UCC, Tallahassee, FL 32306-2340, (850) 644-2570. The institute’s website may be accessed at http://www.lsi.fsu.edu.

Office for Distributed and Distance Learning

Director: Lawrence C. Dennis
Associate Director: Sandra H. Calhoun
Main Office: (850) 644-8004

The Office for Distributed and Distance Learning (ODDL) supports online teaching and learning for the Florida State University community, and assists faculty in their pursuit of instructional excellence. ODDL supports on-campus students in enhancing learning through course websites; assists distance students in completing courses and degree programs via technology; and faculty in advancing the design, delivery, and assessment of classroom and web-based instruction. See http://online.fsu.edu for detailed and current information.

Student Support

On-campus students. If you are an on-campus student who needs support in using the University’s electronic campus or a course website, instruction and solutions are available online at http://online.fsu.edu/student or via e-mail at problems@campus.fsu.edu.

ODDL provides on-campus students:
• Online instruction in navigating course websites
• Contacts for technical support
• Schedules of web-supported courses

Students learning at a distance. If you have an associate’s degree or higher, you can use a computer and the Internet to earn a bachelor’s degree in Computer Science, Interdisciplinary Social Science, or Nursing. As a distance-learning student, you will receive individualized attention through course mentors who will guide you through course work and monitor your progress.

ODDL provides students learning at a distance:
• Online guidance from application to graduation
• Online orientation
• Online instruction in navigating course websites
• Schedules of online courses

For more information, contact Kimberly Amos-Tata at kamos@oddl.fsu.edu.

Faculty Support

Electronic campus support. Faculty integrating a course website into an on-campus class or teaching an online course may receive comprehensive support from ODDL in developing, delivering, and managing an online environment. The University has developed one of the most advanced and easy-to-use electronic campuses in the country.

Online teaching workshops for faculty:
• Developing and managing course websites
• Teaching via the Web
• Customized workshops for departments

Online teaching services for faculty:
• Planning, designing, and managing course websites and enhancing face-to-face courses with web support
• Creation of fully online courses
• Tutorials on delivering course websites
• Ongoing problem solving and support
• Applications development

Online learning and teaching resources:
• Technical support at http://online.fsu.edu/ onlinesupport
• Learning resources at http://online.fsu.edu/ learningresources

For more information, contact the following:
Mike Barker, mbarker@oddl.fsu.edu; John Braswell, jbraswell@oddl.fsu.edu; or Kyle Stierwalt, kstierwalt@oddl.fsu.edu.

Instructional support services. Faculty can further their planning, teaching, and technology skills through workshops and individual consultation offered by Instructional Development Services (IDS). IDS also assists graduate teaching assistants in improving their academic leadership and teaching skills.

Instructional services programs:
• Faculty Support: Consults with full-time faculty and offers classroom observation to enhance instruction and integrate technology
• Program for Instructional Excellence (PIE): Assists graduate teaching assistants in academic leadership and teaching skills
• Preparing Future Faculty (PFF): Prepares graduate students who anticipate careers in academe through mentoring opportunities with educators and administrators

Instructional services resources:
• Instructional services and contacts at http://online.fsu.edu/instructor/teachingenhancement
• Reference materials on college teaching, higher education, and use of technology in the classroom
• Camcorders available for instructional analysis

For more information, contact the following: Walt Wager, wwagger@oddl.fsu.edu; or Michelle Chandrasekhar, mchandrasekhar@oddl.fsu.edu.

Digital media production. Faculty who are enhancing teaching and learning through multimedia are supported by Digital Media Production (DMP), with services ranging from producing course components to promoting student recruitment and image awareness for degree programs.

Digital media services include:
- Website design and webcasting
- Digital audio and video production and streaming
- Graphic design, animation, digital imaging and photography, and design and layout of print media
- Developing interactive CD-ROMs

Digital media resources:
- Online request form at http://online.fsu.edu/digitalmedia
- Searchable image database

For more information, contact the following: Joanna Southerland, jsoutherland@oddl.fsu.edu, or Dave Simpson, davesimpson@oddl.fsu.edu.

External relations and development. Faculty interested in finding external funding for instructional technologies projects are assisted by the External Relations and Development staff. The staff also seeks strategic partnerships with community and other educational institutions. For more information, contact Carol Hayes at chayes@oddl.fsu.edu.

Assessment Services

Faculty and students may receive support for testing, evaluation, and scan reprinting needs through Assessment Services (AS). AS also schedules and administers a variety of national, state, and course-related examinations.

Student services:
- Provide standardized state tests such as CLAST, FTCE, and others
- Provide standardized national tests such as ACT, SAT, LSAT, MCAT, and others

Faculty services:
- Mark-sense scanning and test scoring and reporting
- Scoring and reporting University and department faculty course evaluations
- Scheduling, administration, and reporting of computer-based and computer-managed tests
- Technical support for data collection and reporting for faculty and student research

For more information, contact Bonnie Armstrong, (850) 644-3017, barnstrong@oddl.fsu.edu.

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 novice 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 cognitive science, theory 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
- Diagnostic 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.

Assessment Services

Library

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 campus, and the study centers in London, Florence, and the Republic of Panama.

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 more than 2,600,000 books and periodicals, over 800,000 government documents, more than 9,000 films, videos, and DVDs, and over 85,000 microforms. Access to over 270 subscription databases, 74,000 e-books, and more than 18,000 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 website and can be accessed 24/7 from any computer or web-enabled device. The library is also 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, 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 website is located at http://www.lib.fsu.edu/

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

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

The Harold Goldstein Library, located in the School of Information Studies, 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 455,000 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 reports for faculty and student research.

The Florida State University
The Florida State University

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 website is at http://www.ringling.org.

The FSU-Panama City (FSU-PC) Academic Resource Center (ARC) is the on-campus location for access to quality 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.

Undergraduate Education

The Florida State University provides for undergraduate students a strong liberal arts-based baccalaureate experience. The University is a concentrated resource of classroom-directed learning, research facilities and intellectual talent that seeks to develop within each student the ability to view problems from many different perspectives and to find creative and humane solutions. Through the Liberal Studies Program, required of all undergraduates, students are introduced to the broad array of disciplines at the University. The freshman and sophomore years enable students to explore the breadth of the curriculum and to find the degree program most appropriate to their interests and abilities. The Florida State University strives to teach students to think logically, to analyze clearly, and to communicate with precision and power.

Graduate Education (see Graduate Bulletin for details)

Emphasis at The Florida State University is placed upon advanced degree programs entailing extensive research activities and preparation for careers in science, the arts, the humanities, the professions, and technological fields. The University’s diverse curriculum leads to graduate degrees with flexible options that allow students to form the program most suited to their academic and career goals. Talented faculty ensure a steady exchange of ideas, information, and technical skills. Research and teaching assistantships are available to allow graduate students the opportunity to work with these leaders in their fields while furthering their education. The exceptional research facilities available, together with the Robert Manning Strozier Library, its eight branch libraries including the Paul A.M. Dirac Science Center Library, and the Law Library, keep the University on the leading edge of graduate education.

Faculties

It is the official policy of The Florida State University to recruit the most talented faculty from leading centers of learning throughout the world. The University faculty has included five Nobel laureates and ten members of the National Academy of Sciences. Many of its members have received national and international recognition, and the University enjoys national ranking in a number of disciplines. The diversity and quality of the educational backgrounds of the faculty are reflected in the institutions that have granted their graduate degrees. A complete listing appears in the back of this General Bulletin.

Affiliations

The University participates in the Traveling Scholar Program (for graduate students), Academic Common Market, and Cooperative Programs within the State of Florida, Division of Colleges and Universities. The Florida State University is a member of the University Research Association; the Oak Ridge Associated Universities, Inc.; The University Corporation for Atmospheric Research; The Southeastern Universities Research Association; EDUCOM: The Interuniversity Communications Council; the American Association for Laboratory Animal Science; the State University System’s Institute for Oceanography; the University Space Research Association; and CAUSE: The Association for the Management of Information Technology in Higher Education.

Accreditation

The Florida State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award associate, bachelor’s, master’s, and doctor’s degrees. For departmental/field accreditations, refer to the respective college or school’s chapter in this General Bulletin.

Carnegie Foundation Classification

The Carnegie Foundation, in its 1994 report, ranked The Florida State University in the Research Universities I category, its highest category for a graduate-research university. The Florida State University is one of eighty-nine American universities to have earned this designation at that time.
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 2002, 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 private foundations, industries, and government agencies, 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 supports a number of 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’s mission since its early development as a premier liberal arts institution in the early 1900s.

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 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, Theatre, Visual Arts 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 events and presentations at 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. A high speed computer network reaches throughout the campus and connects the University to the Internet.

Academic Computing and Network Services (ACNS) is an integral part of the Internet access to all students, faculty, and staff. ACNS also operates general purpose computing servers and supercomputers that are available to the entire campus, and provides open-access computer laboratories for students.

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, home to Nobel Laureate Robert Schrieffer, 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 45-Tesla hybrid magnet, the most powerful magnet of its kind in the world. The National High Magnetic Field Laboratory 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 thefs School of Computation Science and Information Technology (CSIT) to support graduate education and research, to provide a leading-edge high-performance computational facility, and to contribute to a high level of computational culture beneficial to the nation and the state.

CSIT embraces all of the possible inferences drawn from its name: its scope includes the science and technology of performing, analyzing, and archiving large-scale computations over wide-area networks, and its goal is to employ large-scale computer and network resources in pursuit of scientific and technological research goals. Both the tools and content of computational science are embraced by the educational mission of the school.

The Computational and Information Science and Technology (MARTECH) is a collaborative program that provides materials science researchers of the University’s physics, chemistry, biology and engineering departments. The center’s rapidly expanding facilities include several thin-film preparation labs, a light-scattering laboratory, 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 nuclear reaction mechanisms using polarized Li beams; accelerator based atomic physics; electron scattering; and relativistic heavy ion reactions. A large part of the program in experimental nuclear physics and atomic physics uses The Florida State University’s existing and the new user-base of high-performance computing.

The Institute for Molecular Biophysics is recognized as a national leader in biopolymers and in interdisciplinary research in biochemistry and physical chemistry. A large effort based in the IMB is in the 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 assemblies 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 Cooperative Institute for Tropical Meteorology was created in 1993 through a partnership between The Florida State University and the National Oceanic and Atmospheric Administration (NOAA), the parent agency of the National Weather Service. The Institute brings together faculty at The Florida State University with research and operational meteorologists at forecast offices throughout the southeastern United States and Puerto Rico. Faculty also work with scientists at the National Center for Environmental Prediction in Washington, D.C. and the National Hurricane Center in Miami. Taking advantage of one of the historical strengths of the Department of Meteorology, faculty, students, and researchers outside of The Florida State University benefit from the interactions produced as a result of the Institute.

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 Center for Music Research (CMR) exists to foster research and publication and provides a support system for graduate education, faculty and student research, post-doctoral study, and occasional workshops, symposia, and visiting scholars. The aims include developing new knowledge about music, music education, music therapy, and related areas through scholarly inquiry. Research programs in all music phenomena are encouraged and include the following: music perception and cognition, music skill acquisition, music listening, music and emotion, music acoustics and psychoacoustics, instructional techniques, music education and music therapy applications, pedagogy and other topics.

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 Ringling, researchers have established the John and Mable 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 eighty-seven colleges and universities and a management and operating 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, the DOE facility that ORAU manages, undergraduates, graduates, postgraduates, 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, ocean 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 of the program can be found in the Resource Guide, which is available on the World-Wide Web at http://www.orau.gov/orise.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 Junior Faculty Enhancement Awards and the Visiting Industrial Scientist Program, and various services to chief research officers. For more information about ORAU and its programs, contact Dr. Kirby W. Kemper, ORAU Council Member, at 850-644-3347; contact Monnie E. Champion, ORAU Corporate Secretary, at 423-576-3306; or the ORAU home page at http://www.orau.gov.

A long-time member of the Southeastern Universities Research Association, Florida State University also is a new member of a seven-university consortium, headed by the University of Virginia, that serves as an advisory group to the new managers of the Oak Ridge National Laboratory (ORNL). The group’s mission is to work with ORNL’s new not-for-profit management company, UT-Battelle, to set scientific and engineering research priorities for ORNL. The Florida State University joins UT, the University of Virginia, Virginia Tech, Duke University, Georgia Tech and North Carolina State University in this capacity.
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 the rest of the world. It is part of 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 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 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 (Turrrialba, 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; rchristie@admin.fsu.edu; http://www.fsu.edu/~fsu-inc.

International Programs

Director: James E. Pitts;
Associate Director: Michele E. Ceci;
Assistant Director: Joan W. Cassels;
Academic Program Administrator: Mary A. Bathrop

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.

Further assistance in applying for any of these programs may be obtained by writing or calling International Programs, A5500 University Center, Tallahassee FL 32306-2420. (850) 644-3272, (800) 374-8581. Fax (850) 644-8817. Email: intprog@www.fsu.edu. Website: http://www.international.fsu.edu.

Study Center Programs

Republic of Panama/Florence/London/Valencia

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. The FSU-Panama campus has operated through The Florida State University since 1957. At each of these locations, the Florida State University faculty and approved adjuncts conduct liberal studies as well as specialized courses during each of the Fall, Spring, and Summer semesters. The centers are open to students from all state universities in Florida as well as other U.S. institutions.

All of these study centers offer courses which enable students to make normal progress toward their chosen degrees. In Florence, the courses usually offered are in the areas of art and art history, classics, English writing and literature, history, the humanities, Italian language, and politics. Students also may complete an interdisciplinary Italian Studies Florence Center minor. The London center offers courses in the areas of art history, business, economics, education, English literature, history, management, marketing, mathematics, music, nursing, photography, politics, social sciences, sociology, speech, theatre, and select areas which fulfill some general studies area requirements. There are numerous internships available. Students may also complete an interdisciplinary British Studies London Center minor. In Valencia, the courses usually offered are in the areas of English literature, the humanities, management, marketing, music, social work, Spanish language, literature and civilization, and select areas which fulfill some general studies area requirements.

Internships are available for a variety of majors. Courses in Valencia are taught by Florida State University faculty and approved local adjunct faculty. Courses in Florence and London are taught by regular faculty and instructors from the State of Florida, Division of Colleges and Universities, and approved local adjuncts. For further information on the British Studies or Italian Studies Minors, refer to the appropriate chapter in the "Academic Departments and Programs" section of this General Bulletin. Internships and research opportunities are available.

College-Level Programs

San Jose, Costa Rica

During the summer in Costa Rica, students live with selected Costa Rican host families. Classes are taught by Florida State University faculty supplemented by approved Costa Rican adjunct faculty. Courses generally cover art, international business management, environmental science, international politics, Spanish language and literature, and tourism management.

Prague, Czech Republic

The Florida State University offers a summer program in Prague. Course offerings vary and cover a broad range of academic areas including art, comparative criminal justice, comparative politics, culture, Eastern Europe, English literature, film studies, photography, and political science. Typical cultural excursions have included Cesky Krumlov, south of Prague, and Krakow and Auschwitz in Poland.

Oxford, England

Students experience the Oxford tradition of small tutorial/seminar groups taught by British faculty in this program offered in concert with the Oxford University Department for Continuing Education and Christ Church. Participants live
and work on campus in Christ Church Oxford, a college founded in 1546, and take their meals in its majestic dining room. They enjoy field trips in and around Oxford and have access to the Ashmolean Museum and the world-renowned Bodleian Library.

**Gerakina, Greece**

Led by Florida State University faculty, studies in this summer program generally include courses in archaeology, art, classics, humanities, literature, philosophy, and sketching. In the past, this program has included visits to Thessaloniki, Mount Olympus, Vergina, the port city of Kavala, Delphi and Athens. The program also incorporates a study cruise to various areas of classical cultural significance. Previous destinations have included ancient Ephesus, Rhodes and Crete.

**Dublin, Ireland**

Housed within the prestigious Trinity College, this summer program gives students the opportunity to take courses taught by distinguished Florida State University and University of Dublin faculty. Courses focus on Irish life and culture, humanities, and history. The program typically includes an introductory exploration of the city and its surroundings. Longer course-related field trips are made; typical destinations may include County Wicklow, the Aran Islands, and prehistoric New Grange.

**Moscow, Russia**

This program is based in Moscow with a program enhancement excursion to St. Petersburg. Students are housed in and take classes at Moscow State University. Courses are taught by Florida State University faculty and approved faculty from Moscow State University. No previous knowledge of Russian is required. Language classes are offered for beginning through advanced students. Other courses include Russian literature, culture, and civilization. An optional seven-day trip to Lake Baikal, the world’s deepest lake, has been a highlight for past participants.

**Leysin, Switzerland**

A summer offering since 1970, this program offers both hospitality administration majors and interested non-majors the opportunity to explore the heartland of Europe’s hospitality and tourism industry. The program offers students an ideal educational balance of lectures, seminars, and on-site industry observations. Other courses include art, drawing, management, and sketching. The student’s experience will be enhanced by travel to nearby destinations.

**Ho Chi Minh City, Vietnam**

This summer program gives students the opportunity to take humanities, music, language, and interdisciplinary social science courses in the heart of Southeast Asia’s evolving economy. Students will take day and weekend trips around the country, enhancing their studies and gaining a new perspective of one of the world’s least-known and most unspoiled nations. Destinations include Hanoi, Halong Bay, Hue, Danang, Hoi An, Tay Ninh, and the Mekong Delta.

For further information on any of these programs, contact International Programs, A5500 University Center, Tallahassee, FL 32306-2420; (850) 644-3277, (800) 374-8581. Fax (850) 644-8817. E-mail: intprog@www.fsu.edu. Website: http://www.international.fsu.edu.

**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 utilizes a good standing at an ABA-approved law school who have completed at least one year of study. Website: http://www.law.fsu.edu/academic_programs/international_law.

**Specialized Programs**

In addition to specific offerings to students of law, The Florida State University offers a rapidly expanding selection of specialized study programs. These programs are special interest, major-oriented programs. London, England, hosts the majority of these programs. Specialized Programs have also been offered in Tianjin, China; Paris, France; Barga, Italy; Tokyo, Japan; and Valencia, Spain. In addition, a number of programs utilize multiple locations around Europe for their studies. A wide variety of special topics and areas of interest are represented. Historically, The Florida State University has offered programs with emphases in such areas as art history, business, drawing and photography, interior design, international affairs, museum studies, social work, television and film studies, textiles and merchandising, and theatre. If you are interested in obtaining specific information about the specialized courses of study available this year, please contact International Programs, A5500 University Center, Tallahassee, FL 32306-2420; (850) 644-3277, (800) 374-8581. Fax (850) 644-8817. E-mail: intprog@www.fsu.edu. Website: http://www.international.fsu.edu.

**Other Programs**

**Archaeology Programs in Italy**

**Director:** Nancy T. de Grummund

The Department of Classical Languages, Literature and Civilization conducts archaeological excavations at two Etruscan/Roman sites in Italy—Cetamura del Chianti, near Siena, and San Venanzio, 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 Classical Languages, Literature and Civilization, 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 tourism, 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.
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 B
American and Florida Studies B M D
Anthropology B M D
Biochemistry B
Biological Sciences B M D
Chemical Physics M D
Chemical Science B
Chemistry B M D
Classical Language and Literature
Classics B M D
Greek B M
Latin B M
Computer and Information Science B M D
English B M D
Geology B M D
Geophysical Fluid Dynamics D
History B M D
History and Philosophy of Science M
Humanities B M D
Latin American and Caribbean Studies B
Mathematics B M D
Meteorology B M D
Middle Eastern Studies B
Modern Languages:
French B M D
German B M
Italian B
Italian Studies M
Russian B
Slavic M
Spanish B M D
Molecular Biophysics D
Neuroscience D
Oceanography M D
Philosophy B M D
Physics B M D
Physics, Interdisciplinary B
Psychology B M D
Religion B M D
Secondary Science and/or Mathematics Teaching B
Statistics B M D

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 Oceanography

Undergraduate Studies, Division of

Associate in Arts Certificate

College of Business

Accounting B M
Business Administration B M D
Finance B M
Hospitability Administration B
Management B M
Management Information Systems B M
Marketing B M
Multinational Business B
Real Estate B
Risk Management-Insurance B

College of Communication

Communication Sciences and Disorders B M A D
Communication B M D
Interdepartmental Certificate in Developmental Disabilities

School of Criminology and Criminal Justice

Criminology B M D
Certificate in Corrections
Certificate in Law Enforcement
Certificate in Security Administration

College of Education

Adult Education M/S D
Comprehensive Vocational Education S D
Counseling and Human Systems M/S
Counseling Psychology and Human Systems D
Early Childhood Education B M/S D
Educational Leadership/ Administration M/S D
Educational Psychology M/S D
Elementary Education B M/S D
Emotional Disturbances/Learning Disabilities B M/S
English Education B M/S D
Foundations of Education M/S D
Health Education B M
Higher Education M/S D
Instructional Systems M/S D
Mathematics Education B M/S D
Measurement and Statistics M/S D
Mental Disabilities B M/S
Multilingual/Multicultural Education B M/S D
Physical Education B M/S D
Reading Education M/S D
Recreation and Leisure Services Administration B M
Rehabilitation Counseling B M/S D
Research and Evaluation Methods M/S D
Science Education B M/S D
Social Sciences Education B M/S D
Special Education S D
Visual Disabilities B M/S

Interdepartmental Certificate in Developmental Disabilities
Certificate in Special Event Management,
Graduate Certificate in English to Speakers
Certificate in Teaching English to Speakers
Certificate in Teaching of Other Languages, Undergraduate/Graduate
Graduate Certificate in College Teaching
Graduate Certificate in Early Childhood/Special Education
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 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 M D
Chemical Engineering B M D
Civil Engineering B M D
Computer Engineering B
Electrical Engineering B M D
Industrial Engineering B M D
Mechanical Engineering B M D

Graduate Certificate in Water and Environmental Resources Engineering

1 Offered jointly by the College of Arts and Sciences, the College of Communication and the College of Education
College of Human Sciences
Clothing, Textiles and Merchandising B M
Family, Child and Consumer Sciences B M
Family and Consumer Sciences Education B M
Food and Nutrition B M
Human Sciences B D
Marriage and the Family D
Movement Science M/S D

Certificate in Aging Studies, Undergraduate/Graduate 3
Graduate Certificate in Apparel Design
Graduate Certificate in Museum Studies: Textiles and Consumer Sciences
Graduate Certificate in Retail Merchandising

School of Information Studies
Information Studies B
Library and Information Studies M/S D
Graduate Certificate in Museum Studies: Information Studies

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

College of Law
American Law for Foreign Lawyers M

Law P
Certificate in Environmental, Natural Resources, and Land Use Law
Certificate in International Law

College of Medicine
Biomedical Sciences D
Medicine P

School of Motion Picture, Television, And Recording Arts
Motion Picture, Television and Recording Arts B M

School of Music
Arts Administration M
Music Composition B M D
Music Education B M D
Music History and Literature B
Music-Liberal Arts B
Musicology M D
Music Performance B M D
Music Theory B M D
Music Therapy B M
Opera Production M

Certificate in Computers in Music
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 (opera, piano, violin, viola, violoncello)
Graduate Certificate in College Teaching
Graduate Certificate in Music of the Americas
Graduate Certificate in Pedagogy of Music Theory

School of Nursing
Nursing B M

College of Social Sciences
Aging Studies M
Applied Social Research M
Asian Studies B M
Demography M
Economics B M D
Geography B M D
Health Policy Research M
International Affairs B M
Political Science B M D
Public Administration M D
Public Administration/Health Policy Research M
Public Administration/Urban and Regional Planning M
Russian and East European Studies B M
Social Science B M
Sociology B M D
Urban and Regional Planning M D
Urban and Regional Planning/International Affairs M

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, Undergraduate
Graduate Certificate in Health Services Administration and Policy
Graduate Certificate in Human Resource Management
Graduate Certificate in Public Financial Management

School of Social Work
Social Work B M D

Certificate in Aging Studies, Undergraduate/Graduate
Certificate in Arts and Community Practice, Undergraduate/Graduate
Certificate in Child Welfare Practice, Undergraduate/Graduate
Graduate Certificate in Family Social Work Practice

School of Theatre
Theatre B M D

Graduate Certificate in Theatre Administration and Management

School of Visual Arts and Dance
Arts Administration M
Art Education B M/S D
Art, History and Criticism B M D
Graphic Design B
Dance B M
Interior Design B M
Studio Art B M

Certificate in Arts and Community Practice: Art Education, Undergraduate/Graduate
Certificate in Arts and Community Practice: Dance, Undergraduate/Graduate
Graduate Certificate in Museum Studies: Art
Graduate Certificate in Museum Studies: Art History
Graduate Certificate in Museum Studies: Dance
Graduate Certificate in Museum Studies: Interior Design

1 Offered jointly by the School of Music and the School of Visual Arts and Dance
2 Denotes dual degree program
3 Offered jointly by the College of Human Sciences, the College of Social Sciences and the School of Social Work.
ADMISSIONS

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 and 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 should be submitted as soon as possible at the beginning of the senior year, preferably in October, November, or December. 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 Program or College Board.

Admission from Secondary School

Any applicant who desires admission as a beginning freshman student after graduating from high school and before attending an accredited post-secondary institution must provide the Office of Admissions with the following:

Application for Admission. The completed application for admission and a nonrefundable $30.00 fee payable to The Florida State University must be submitted as soon as possible at the beginning of the senior year, preferably in October, November, or December. Either one or both of these tests should be taken no later than the February testing date portion of the 12th grade has been completed at the time of application is required.

Secondary School Record. An official high school transcript (sent directly by the high school and before attending an accredited post-secondary institution) must provide the Office of Admissions with the following:

Test Scores. Results from the ACT or SAT I 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.

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 School of Music, the Department of Dance, or the School of Theatre 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 School of Motion Picture, Television, and Recording Arts for details.

Admission Requirements

Non-Florida applicants will be held to higher standards. In addition to academic grade point average and test scores, a variety of additional requirements are necessary for admission to the University.

Admission Requirements for Secondary School Record:

Applicants are required to meet the following minimum standards as a prerequisite to admission to The Florida State University:

1. The Florida State University present at least a “B+” average in all academic subjects (grades 9 through 12) and test scores of at least 24 (Reading) on the ACT or 1100 (verbal plus math) on the SAT I. 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 receive additional consideration. These include talented and performing athletes, applicants having special ties to the University, and students with significant life and career experiences.

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 from the Office of Admissions, 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).

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 and awarded on a rolling basis, 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 recommendation 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 score of 27 on the ACT or 1220 on the SAT I; 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.

Freshman Admission Deposit

All freshman applicants to the University are required to submit a $200.00 non-refundable 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) 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.

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 School of Music, the Department of Dance, or the School of Theatre for details.

Departmental Applications. Departmental applications are required of all applicants wishing to major in communication; communication sciences and disorders; education; motion picture, television, and recording arts; or nursing. In addition to submitting the application for admission and other supporting information, prospective students should contact the College of Communication; the College of Education; the School of Motion Picture, Television, and Recording Arts; or the School of Nursing for details.

Florida College Level Academic Skills Test (CLAST). The Florida CLAST is an achievement test of the communication and computation skills expected of all students by the time they complete their sophomore year of college. All students, including transfer students and international students, are required by Florida statutes and rules of the State Board of Education to satisfactorily complete the Florida CLAST or an approved alternative to the CLAST before the granting of admission to upper-division status at The Florida State University. It is the responsi-

bility of the applicant to have Florida CLAST scores forwarded to the University. International students seeking a waiver from CLAST should refer to ‘Minimum Criteria for Eligibility for CLAST Waivers in the Communications Area for Non-native English Speaking Students’ in ‘Undergraduate Degree Requirements’ for more details. Transfer students admitted directly to baccalaureate degree programs who have not completed or exempted the Florida CLAST must register for and take the Florida CLAST prior to or during the first term of enrollment. Refer to the ‘Undergraduate Degree Requirements’ chapter of this General Bulletin for more details.

Deadlines for Applications and Supporting Documents for Transfer Students

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<th>Semester</th>
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<tr>
<td>Spring semester 2005</td>
<td>November 1, 2004</td>
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<tr>
<td>Summer semester 2005</td>
<td>March 1, 2005</td>
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<tr>
<td>Fall semester 2005</td>
<td>July 1, 2005</td>
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The University reserves the right to close transfer admissions earlier 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 and who have applied to a nonlimited access program will be admitted to The Florida State University, provided an application and all supporting documents have been received by the deadline. This includes verification of two (2) sequential units of the same foreign language in high school or at least eight (8) semester hours of the same foreign language (or equivalent proficiency as demonstrated by passing AICE, AP, IB, or CLEP examinations) at the college level. Admission to the University is not guaranteed to programs designated as limited access or those requiring certification, or to those programs requiring auditions.

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 2.5 (on a 4.0 scale) grade point average (GPA) on all college work attempted;
3. Have at least a 2.5 (on a 4.0 scale) GPA on all college work attempted at the last institution attended, if more than one institution is attended; and
4. Have satisfactorily completed the Florida CLAST or an approved alternative to the CLAST (refer to the “Undergraduate Degree Requirements” chapter of this General Bulletin for more details).
Applications With Sixty (60) or More Semester Hours of Transferable Credit (As Evaluated by the Office of Admissions) Must:

1. Have at least a 2.5 (on a 4.0 scale) grade point average (GPA) on all college work attempted;

2. Have at least a 2.5 (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 verification that two (2) sequential units of the same foreign language have been successfully completed in high school or that at least eight (8) semester hours of the same foreign language (or equivalent proficiency as demonstrated by passing AICE, AP, IB, or CLEP examinations) have been completed successfully in college. Verification is by an official transcript or score report; and

4. Have satisfactorily completed the Florida CLAST or an approved alternative to the CLAST (refer to the “Undergraduate Degree Requirements” chapter of this General Bulletin for more details).

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 (this requirement cannot be waived or met by alternative means).

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).

2. State of Florida Common Course Prerequisites which include: a) three (3) education core courses of EDF 1005, EDG 2701, and EME 2040; and b) fifteen (15) semester hours of general program prerequisites specified for each degree program (see degree program sections for specific prerequisites).

Note: in addition to EDG 2701, students must take six (6) additional hours with an international or diversity focus. These may be satisfied as part of the University multicultural requirement.

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.

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 complete required work within the program. Admission to such programs is governed by the Articulation Agreement and by the State Board of Education administrative rules.

For a number of degree programs, access is limited at the upper-level division to those students meeting certain additional criteria. These additional criteria are applied equally to AA degree program sections and required general education core curriculum and major categories: performing and visual arts, teacher education, and limited enrollment.

Performing and Visual Arts

Dance (audition required for all majors)

Music (audition required for all majors)

Theatre (audition required for BFA degree program)

Visual Arts (portfolio review for BFA degree program)

Limited Enrollment Programs Requiring a Higher Grade Point Average

Admission to these undergraduate degree programs requires a cumulative GPA above the level of 2.0. The specific GPA minimum for each program is determined annually on the basis of student spaces available and the number and quality of applications for those spaces. For specific requirements for admission to a particular department, college, or school, refer to the appropriate section of this General Bulletin.

Limited enrollment programs at The Florida State University include the following:

College of Arts and Sciences

Computer and Information Science (all majors)

Psychology

College of Business (all majors)

College of Communication (all majors)

College of Education

Early Childhood Education

Elementary Education

Emotional Disturbances/Learning Disabilities

Mental Disabilities

Recreation and Leisure Services

Administration

Visual Disabilities

School of Motion Picture, Television, and Recording Arts

School of Nursing

College of Social Sciences

Economics (all majors)

School of Theatre (see below)

School of Visual Arts and Dance

Interior Design

Categories of Limited Access Programs

** = Limited access and limited enrollment (capped)

*** = Communication Sciences and Disorders has Teacher Education standards

+ = Limited access and limited enrollment (capped) by specialized accreditation or licensure requirement

++ = Limited access and limited enrollment by audition or portfolio review (special talent)

Degree Programs

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, and Musical Theatre++
Bachelor of Arts in 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 application fee of $30.00 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 I 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 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.

English Proficiency Test. If an applicant’s native language is not English, the applicant must take the Test of English as a Foreign Language (TOEFL). A minimum score of 550 on the paper-based test or 213 on the computer-based test is required. TOEFL scores are considered official only when they are sent directly to the Office of Admissions from the Educational Testing Service.

Certification of Financial Responsibility. Certification of finances must be completed before the Certificate of Eligibility (Form I-20 or DS-2019) is issued. 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 funds available for the entire period of enrollment.

The Certification of Financial Responsibility form must be completed, signed by the sponsor and the applicant, and submitted, along with verification of funding of the 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.

Auditions. Auditions are required of all applicants wishing to major in music, dance, or the performing arts. Students who enroll directly at the University and who wish to major in motion picture, television, and recording arts must submit a TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test.

Academic Qualifications. Applicants are required to have satisfactorily completed the Florida CLAST or an approved alternative to the CLAST (preferably in above areas) are required. Academic qualifications are described above in ‘Academic Qualifications’ in the ‘Admission Requirements’ section.

Note: international applicants educated in Florida may elect to graduate from one of the three-year, 18-credit preparatory programs. Refer to ‘Required High School Course Units’ in the “Admission Requirements” section above.

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 “C+” average (2.5 GPA on a 4.0 scale) on all college work attempted;
3. Have at least a “C+” average (2.5 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 a TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test if the applicant is from a country where English is not the official language; and
6. Have satisfactorily completed the Florida CLAST or an approved alternative to the CLAST (refer to the “Undergraduate Degree Requirements” chapter of this General Bulletin for more details).

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

1. Have at least a “C+” average (2.5 GPA on a 4.0 scale) on all college work attempted;
2. Have at least a “C+” average (2.5 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. Verify that two (2) sequential units of the same foreign (non-English) language have been completed successfully in high school (secondary program) or at least eight (8) semester hours of the same foreign (non-English) language (or equivalent proficiency) have been successfully completed at the university level (required if the applicant is from a country where English is the official language);

5. Submit a TOEFL score of at least 550 on the paper-based test or 213 on the computer-based test if the applicant is from a country where English is not the official language; and

6. Have satisfactorily completed the Florida CLAST or an approved alternative to the CLAST (refer to the “Undergraduate Degree Requirements” chapter of this General Bulletin for more details).

Applicants who have received an associate in arts (AA) degree from a Florida public institution immediately prior to transfer and who have applied to a nonlimited access program will be admitted to The Florida State University provided an application and all supporting documents have been received by the deadline. This includes verification of two (2) sequential units of the same foreign (non-English) language in high school (secondary program) or at least eight (8) semester hours of the same foreign (non-English) language (or equivalent proficiency) at the university level. Admission to the University is not guaranteed to programs designated as limited access or teacher certification, or to those programs requiring auditions.

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.’

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 has been granted and all required financial documentation has been 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.

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 and 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 applicant 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 United States, 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. Students often assume, incorrectly, that additional financial assistance or part-time employment will be available. International students are not allowed to work off-campus only in exceptional circumstances.

The costs given are estimated minima and are subject to change. The following estimates are based on one academic year (two semesters—Fall and Spring) and are for an unmarried student with no dependents. Additional funds are needed for travel to and from the student’s home country. Students must be sure to have health insurance coverage for the duration of their stay in the United States. Estimated annual health insurance costs: student—$715; spouse—$2,514; one child—$907; all children—$1,774.

Passports and Visas

International applicants need a current passport from their own government and a visa from the United States 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.

To apply for a visa, applicants should take their passport, Certificate of Eligibility (Form I-20 or DS-2019), issued by The Florida State University, and proof of adequate financial support for the entire period of study in the United States is available. Undergraduate students holding F-1 or J-1 visas are required to carry at least twelve (12) semester hours each semester.

Health Insurance

The University’s Thadcare 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 who are sponsored by their home country and who require medical insurance coverage for their stay in the United States must provide proof of insurance coverage.

Note:

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 $4,166 will be necessary for tuition and fees if the student will be attending summer school. Contact the Office of Admissions or refer to website http://admissions.fsu.edu/intl for the approved 2004–2005 fees.
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.fsu.edu/~cies.

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 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.pc.fsu.edu.

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

Readmission

Returning students who 1) have been absent from the University for two or more consecutive terms (including the Summer term); 2) have been dismissed from the University and have not been enrolled for one or more terms (including the Summer term); 3) have canceled their registration during their last term of enrollment; or 4) have earned a bachelor's degree from the University, and now wish to pursue a second bachelor's degree, must submit an application for readmission to the readmission section of the Office of Admissions. Application should be submitted at least sixty (60) days 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.) Readmitted former students are subject to retention requirements in effect at the time of reentrance. Students claiming classification in Florida residents must reestablish their eligibility for this classification when applying for readmission.

Any student who attempts college work at any institution other than The Florida State University (including correspondence work) 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.

When a student has withdrawn from the University three (3) or more times, subsequent readmission first 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 Graduate Studies and the Dean of the College, will make a recommendation to the dean of the student’s college who will make the final decision.

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 Office of Admissions.

Special (Non-Degree Seeking) Student Regulations

Registration as a special student for undergraduate course work may be approved for any high school graduate and for any postbaccalaureate student provided an application, a non-refundable $30.00 fee payable to The Florida State University, and all supporting documents have been received by the deadline; the student was not previously denied undergraduate admission to the Florida State University; the student has at least a 2.0 grade point average (GPA) from the last institution attended; and the student has at least a 2.0 GPA on all coursework taken at this institution. Students intending to register for graduate course work under the special student status should consult the Graduate Bulletin for details.

Foreign nationals on a student visa may not use the special student status other than to take courses for personal enrichment, or for summer enrollment if full-time status has been maintained during the academic year. All other foreign nationals, whether intending degree or non-degree work, must obtain permission from the Office of Admissions.

The special (non-degree seeking) student application may be obtained at http://admissions.fsu.edu/apply. The application should not be submitted earlier than one semester prior to the term for which registration is desired. The Special Student section in 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 (consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.)

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 or in 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, or 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 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 transient 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 may be stopped and official University documents and services may be withheld if tuition and fees are not paid within the established timeframe 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. Outstanding tuition and charges from a previous semester will be deducted from financial aid received during a current semester, if registration is permitted.

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 more 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 once they are enrolled. First-time-on-campus students will be classified in accordance with the information on their applications, including the “Florida Resident Affidavit” on the last page of the application, providing no other information is available calling into question the information on the application. To qualify as a Florida resident for tuition purposes in accordance with Rule 6C-7.005 of the Florida Board of Governors, students must: be a United States citizen, resident alien, parolee, Cuban national, Vietnamese refugee, or other refugee or asylee so designated by the United States Immigration and Naturalization Service,

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),

And

Submit the following documentation (or in the case of a dependent student, the parent must submit documentation) prior to the last day of registration for the term for which resident status is sought (Note: the various summer terms are considered one semester for the purpose of establishing residency):

1. Documentation establishing legal residence in Florida (this document must be dated at least one year prior to the first day of classes of the term for which resident status is sought). The following documents will be considered in determining legal residence:
   a) Declaration of Domicile.
   b) Proof of purchase of a home in Florida which you occupy as your residence.
   c) Proof that the student has maintained residence in the state for the preceding year (e.g., rent receipts, employment records).

2. Documentation establishing bona fide domicile in Florida that is not temporary or merely incident to enrollment in a Florida institution of higher education. The following documents will be considered evidence of domicile even though no one of these criteria, if taken alone, will be considered as conclusive evidence of domicile:
   a) Declaration of Domicile.
   b) Florida voter’s registration.
   c) Florida vehicle registration.
   d) Florida driver’s license.
   e) Proof of real property ownership in Florida (e.g., deed, tax receipts).
   f) 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.
   g) Proof of membership in or affiliation with community or state organizations or significant connections to the state.
   h) Proof of continuous presence in Florida during periods when not enrolled as a student.
   i) Proof of former domicile in Florida and maintenance of significant connections while absent.
   j) Proof of reliance upon Florida sources of support.
   k) Proof of domicile in Florida of family.
   l) Proof of admission to a licensed practicing profession in Florida.
   m) Proof of acceptance of permanent employment in Florida.
   n) Proof of graduation from high school located in Florida.
   o) Any other factors peculiar to the individual which 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.

3. No contrary evidence establishing residence elsewhere.

4. 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,

Or

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 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 FSU—Panama, or a spouse or dependent,

Or

Be a graduate student of the Southern Regional Education Board’s Academic Common Market attending 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 1009.98(b), Florida Statutes,

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 the upcoming year prior to the registration dates 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, 2003, and Spring and Summer terms, 2004, are used as a basis for estimating course charges per credit hour for Florida and non-Florida residents. Fees applicable to 2004–2005 had not been confirmed by the Florida Legislature at the time of the publication of this document.

Actual Course Fee Charge Per Credit Hour 2003–2004 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>$ 90.42</td>
<td>$ 458.02</td>
</tr>
<tr>
<td>Graduate</td>
<td>$196.27</td>
<td>$730.80</td>
</tr>
<tr>
<td>Law</td>
<td>$219.81</td>
<td>$812.77</td>
</tr>
<tr>
<td>Repeat Course Fee per credit</td>
<td>$164.54</td>
<td>$164.54</td>
</tr>
<tr>
<td>(undergraduate only)</td>
<td></td>
<td></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

(All fees subject to change)

Application Fee: $30.00. Applicants for admission are assessed a nonrefundable application fee.

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

New Student Orientation Fee: $25.00. 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 the fall and spring semesters only.

Transportation Access Fee: $4.90 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 funds. This 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 department’s 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.

**Microfilming Fee:** At cost.

**Copyright Fee:** Optional, at cost.

**Loss and Damage Fees:** At cost. 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:** Varies. Students enrolled in certain laboratory courses are assessed a fee which is used to offset the cost of scientific materials or items that are 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.

**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 one academic year. Costs for the 2004–2005 academic year were not available at date of publication.

<table>
<thead>
<tr>
<th>Undergraduate (In-state)</th>
<th>(Out-of-state)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees+</td>
<td>$2,860</td>
</tr>
<tr>
<td>Housing</td>
<td>$3,280</td>
</tr>
<tr>
<td>Food #</td>
<td>$2,888</td>
</tr>
<tr>
<td>Books</td>
<td>725</td>
</tr>
<tr>
<td>Total</td>
<td>$9,753</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 website: http://admissions.fsu.edu/costs/ for current fee structure.

* Annual mid-range cost for on-campus residence halls. The range is $3,060–$4,640. Contact the Office of University Housing or refer to website: http://www.housing.fsu.edu for approved 2004–2005 rental rates.

# Allows students up to fifteen (15) meals per week. Other annual options range from $2,381–$2,994. Contact Seminole Dining or refer to http://www.seminoledining.com for 2004–2005 actual costs.

**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 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 restrictions is $150.00. Florida Prepaid College Program without local restrictions is $150.00. 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 students can, however, get the amount of 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, and in the Krentzman Lounge at the Student Union. Students may verify the amount due for tuition and fees (at the kiosks or through the Internet at http://www.fees.fsu.edu), insert a check, money order or other negotiable instrument into the slot 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, checks not completed properly, 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 properly completed 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, your address and phone number on the check. Checks not properly completed will be considered late. Payments should be mailed to The Florida State University, Office of Student Financial Services, A1500 University Center, Tallahassee, FL 32306-2194.

Agency Billing. Students are responsible for all tuition and fees upon registration. Forms are available at 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 application, or, upon further evaluation by the Office of Student Financial Aid, the student may be over-awarded. The state employee tuition waiver to the Office of the University Registrar 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) which 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. The fees (SBOE approved 02/03 fees), excluding books, not covered by the Prepaid College Program total approximately $23.98 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. (Rate subject to change.) Fees applicable to the 2004–2005 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.

Fee Liability
Liability is incurred for all credit hours remaining on a student’s schedule at the close of the official add/drop 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 which are fee liable. Undergraduate level courses are numbered 1000 to 4999.

Effective Fall 2003 Semester, the repeat course surcharge was $164.54 per credit hour.
(Rate subject to change for academic year 2004–2005).

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-liable 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 State University of Age should contact the Dean of Graduate Studies. 

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.

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.

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.

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.

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:

1. Out-of-state graduate students having at least a one-quarter time assistantship (teaching or research) or a fellowship equivalent in value to at least a one-quarter time assistantship;
2. Foreign student programs, or student exchange programs;
3. Students having special skills in music, dance, theatre, or athletics; and,
4. 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.

Applicants for waivers, undergraduate students should contact the Office of Scholarships and Financial Aid. 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.

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.vpfa.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 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 unearned financial aid to the aid source. The University is required to return the unearned portion of the financial aid funds it 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
Financial 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. Students are urged to begin investigating the following avenues of help promptly.

A brochure, Financial Aid at Florida State University (updated yearly), is included in the financial aid packet. This brochure explains the requirements and processes of application for financial aid. It may be obtained by writing The Florida State University, Office of Financial Aid, A4400 University Center, Tallahassee, FL 32306-2430, or by calling (850) 644-0539. Information on financial aid is also available on our website at http://www.fsu.edu/.

Help in completing the financial aid forms is available from professional financial aid counselors located in the University Center and at workshops held regularly during the month of January on campus and periodically at other locations in the greater Leon County area.

To obtain information on financial aid and the status of their application, students may access their status online via the website at http://www.studentsfirst.fsu.edu/. Access is also available through http://www.fafsa.edu or by calling the Express Telephone System (ET) from 8:00 a.m. through 6:00 p.m. (22 hours per day) at (850) 644-0539. 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 appointment at the information center Monday through Friday, 8:30 a.m. to 5:00 p.m.

The Student Aid Resource (STAR) Center
A complete description of the center’s services follows under ‘Additional Sources of Financial Aid.’

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.

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). 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). 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 2004-2005 year begins January 1, 2004, and ends June 30, 2005. 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, 2004. The Florida State University priority deadline is February 15, 2004. Students who may apply after this date, but some program funds may be exhausted. Estimated student/parent tax data is allowed for completion of the FAFSA document. The University requires a separate application for summer financial aid, which may be obtained from the Office of Financial Aid.

Financial Aid Application Process
To apply for federal, state and institutional aid at The Florida State University, students must complete the Free Application for Federal Student Aid (FAFSA). Students are encouraged to apply directly or via 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. Prospective students may use computer terminals located in the Office of Financial Aid’s Information Center. 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. Student’s and student’s spouse’s (if married) Federal Income Tax Return (estimated figures are acceptable for application before filing of return);
4. 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;
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 after 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 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
loans 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 completion 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.

3. 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 forty (40) 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 midpoint 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 or by calling (850) 644-0539 on the scheduled call-in 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 dates as posted. Please do not get this date confused with your telephone call-in date.

Your message will not appear in your voice mail box until the call-in date. After entering your social security number and your registration PIN, follow the voice instructions.

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 (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.fees.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 within 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.

Deferments, 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 under the appropriate category for “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 and log in; you will then see your courses and fees detailed. To view your deferment amount and due date, log in and click on the 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 in fulle in date. To be eligible for short term loans, you must ensure your financial aid pays your tuition in fulle in date. If you have questions, contact us at sfs@admin.fsu.edu or (850) 644-9452. Also, check your financial aid status at 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, A4400 University Center. To be eligible for a delayed delivery loan, a student’s financial aid application must be complete by August 1 of each year. Eligibility for the loan will be determined by the type of aid awarded and the hours enrolled. During the deferment period, you will have questions. Days 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, or 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 must use the proper approved method of delivery 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 for 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 FSCard, 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 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.

Additional Sources of Financial Aid

The Student Aid Resource (STAR) Center, located within the Office of Financial Aid, is a multimedia resource center designed to provide additional information about sources of financial aid and private scholarships.

The center provides current website assistance, books, pamphlets, articles and other materials as resources for alternative types of financial aid for all individuals.

Scholarships

The Florida State University recognizes and rewards high academic achievement and awards scholarships on a competitive basis. All eligible students automatically will 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, as well as assistantships, available for a variety of majors.

Contingent upon funding, need-based scholarships are available based on eligibility for financial aid and criteria set by donors. Please contact the Student Aid Resource (STAR) Center in the Office of Financial Aid for further information.

The Florida Department of Education, located within the Office of Financial Aid, is a multimedia resource center designed to provide current website assistance, books, pamphlets, articles and other materials as resources for alternative types of financial aid for all individuals.

Student Employment Services

Last year, over 2900 students found work in Tallahassee through Student Employment Services (SES). This program provides opportunities for part-time employment for students and is a comprehensive source for jobs in the private sector, at state agencies and on-campus. SES facilitates the job search process by offering an array of job locator services. Students do not need to be eligible for (or even apply for) financial aid in order to use Student Employment Services. A variety of job listings are grouped by category (e.g. accounting, computers, retail, clerical, child care, state/county/city agencies). These listings may be accessed on the web at http://nwrdc.fsu.edu:1204/fsyjr01. Listings are updated daily.

The Federal Work Study Program (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 schedule. Federal Work Study 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 service at large. Students 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

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 14 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 pre-chant, laundromat, and 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: $1640.00*

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): $350.00*
- McCollum Hall (apartments), per semester, per student (including utilities and local telephone): $1730.00–2215.00.*

Alumni Village

- One-bedroom furnished apartment: $320.00–$346.00*
- Two-bedroom furnished apartment: $345.00–$482.00*
- Three-bedroom furnished apartment: $505.00–$557.00*

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 2003–2004 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 12 midnight; and Friday and Saturday, 11 a.m. to 2 a.m.

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. Several special living units are designed 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. The freshman leadership program, Genesis, is housed on one floor of Kellum Hall. Cultural awareness is promoted within Deviney Hall through an exposure to the differences in race, religion, and culture among students here at The Florida State University. Jennie Murphee’s Women in Math, Science and Engineering floor provides mentoring and support to womenmajoring 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. The Broward Hall 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.

Cawthon Hall is home to two learning communities: the Education Learning Community (ELC) and the Music 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 Music Learning Center in Cawthon provides first- and second-year music students the opportunity to live
## Residence Halls

<table>
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<tr>
<td>Broward</td>
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<tr>
<td>Bryan</td>
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</tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Dorman</td>
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<td>Community-style living; Honors Community</td>
</tr>
<tr>
<td>Gilchrist</td>
<td>Co-ed</td>
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<tr>
<td>Jennie Murphree</td>
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<td>Limited; selected suites are non-visitaton</td>
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</tr>
<tr>
<td>Kellum</td>
<td>Co-ed</td>
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</tr>
<tr>
<td>Landis</td>
<td>N/A</td>
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<td>Closed for Renovations</td>
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<td>Reynolds</td>
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</tr>
<tr>
<td>Salley</td>
<td>Co-ed</td>
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<td>Suites: two students/room, four/study, four/bath</td>
</tr>
<tr>
<td>Smith</td>
<td>Co-ed</td>
<td>Limited</td>
<td>Community-style living</td>
</tr>
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## Apartments

<table>
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<td>McCollum</td>
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</tr>
<tr>
<td>Rogers</td>
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<td>Graduates and older undergraduates; limited availability for undergraduate residence hall students</td>
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<tr>
<td>New Apartment Facility</td>
<td>Co-ed</td>
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<td>Older undergraduates and graduates</td>
</tr>
</tbody>
</table>

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 for the individual, family, and community. Students will have the opportunity to take part in designated courses with a small class atmosphere, dan 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 website at [http://www.housing.fsu.edu](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 undergraduate students at all classification levels throughout the year. The Southern Scholarship Foundation, 322 Stadium Drive, Tallahassee, FL 32304; (850) 222-3833; [http://www.southernscholarship.org](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.
Office of Orientation

Director: Sara Connolly;  
Assistant Director: Patrick Heaton

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, called Seminole Showcase. Seminole Showcase is an excellent way to view the diversity available at the University, from the University honors program, cultural clubs, and service organizations to sororities and fraternities.

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 of $25.

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.

International Center

Director: Roberta Christie;  
Assistant Director/Immigration Advisor: Kristen Hagen;  
107 South Wildwood Drive

Orientation for new international students is mandatory and is held before Fall, Spring and Summer semesters. Orientation is required for undergraduates, transfer students, and students coming directly from their countries, as well as students readmitted to the University. New federal reporting requirements make it essential that international students know and understand their responsibilities under the law to help them maintain legal nonimmigrant status. International students must report to and stay in close communication with International Center (IC) advisors.

Note: All undergraduate international students are required to attend Undergraduate Orientation in addition to the International Center Orientation. For additional information, please refer to the University Orientation website at http://www.fsu.edu/orientation.

During international student orientation, students receive the International Student Handbook and other useful materials about University and community resources. Copies of immigration documents are made for University files. Students receive information and advice regarding insurance, immunization, and other health requirements. International students receive notification of International Student orientation dates and times from International Admissions, the International Center and via the IC website at http://www.internationalcenter.fsu.edu/. Note: incoming international students are not allowed to register before presenting their immigration documents to the staff of the International Center and being cleared by Thagard Student Health Center, verifying insurance coverage and proper immunization.

It is essential that international students maintain their immigration status while in the United States. For a checklist of rules to remember, please refer to the International Center website at http://www.internationalcenter.fsu.edu/.

Most departments hold orientation sessions for new graduate students during the week before classes.
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 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.

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 website. Using the telephone data entry and voice responses, or an Internet website, 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 Registration Guide and a copy of 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 website at http://registrar.fsu.edu

Lists of course offerings, with the meeting time and location of each course, and where possible the instructor who will be responsible for each course, are made 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 the course subject(s) offering that course subject. The departments/programs can be found, 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 credit course 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 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 (CELP) will be required to enroll in a precollege course, REA 0042. 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 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 of enrollment 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 will be 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” will not be removed and such students will not be permitted to register until the debt is cleared.
Registrar Cancellation of Schedule

Students allowed to register in error will be 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 will be cancelled by the Office of the University Registrar. This cancellation will be 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 or to Withdrawal Services, A3900 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.

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 that appear 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 will 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 will 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 fifty (50) hours of college credit and until graduation; tuition charges will remain. Approval by the student’s academic dean is required. Courses dropped during this period will 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 will appear on the student’s transcript with the notation “WD.” Students who register for courses but who do not attend the classes will 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 above policy.

Students Called to Active Military Duty

Students called to active duty who wish to receive incompletes 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 (950) 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 will determine directed individual study courses. An individual study course title must be approved in writing by the instructor offering the course and the departmental chair, or representative, and will be 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 3.

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 (SU) 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 course 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.

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, 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 and 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 on 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 which 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 acquaint 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 which 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 Office of Undergraduate Studies assigns all entering freshmen and lower-division transfer students to an advisor, with the exception of those accepted into the School of Music, the Department of Dance (School of Visual Arts and Dance), and the School of Theatre’s bachelor of fine arts (BFA) program. In these programs, advi-
sors 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. Students who declare a major before they can be certified into an upper-division major before they can be certified into an upper-division major prior to registering for classes, they must meet certain prerequisites and complete certain courses. Students must select an advisor who will assist with all requirements for the chosen academic major.

Assignment of Advisors

Advisors are initially assigned based on information provided at Orientation. During this time, students are assigned an academic advisor who will help them with their academic and career goals. 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.

Department Advising

Department Advising offices are located in the academic department of the intended major. These offices are housed in colleges and schools throughout campus. Additionally, Advising First advisors are also available in the William Johnston Building Ad- vising Center, Oglesby Union, Strozier Library, and a variety of other “floating” locations across campus. In addition, Advising First Central, located in University Center A Building, focuses on advising freshman and sophomore students who are not ready to declare a major. Advising First Central provides academic advising services, including academic planning, degree monitoring, and academic career guidance.

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 encouraged to contact their academic advisor 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 for each semester. Some major departments may require students to contact the advisor of their choice by telephone or in person to register for classes. The Office of Undergraduate Studies maintains a list of academic advisors for lower-division students.

The academic relationship should be 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.

Undeclared Majors

Students are encouraged to declare a major early in their academic career. 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.

Undeclared students should also contact the Career Center early in their academic career. For a description of the Career Center and its services, refer to the “Student Services” chapter of this General Bulletin.

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. In addition, Advising First Central, located in University Center A Building, focuses on advising freshman and sophomore students who are not ready to declare a major. Advising First Central works closely with students to help them take the appropriate liberal studies and introductory courses while exploring their available academic and career options. For more information, contact Advising First’s administrative office at A8200 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 yet to meet 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 website: http://www.ais.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 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. A6100 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. A5400 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
“practice” 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 Milton 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, filmstrips, 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 which 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.

Center for Intensive English Studies

The Center for Intensive English Studies, part of the Center for Professional Development and Public Service, 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 of Dr. Patricia Stith, the University Director of Retention Studies, and Dr. Linda Mahler, Director of Academic Support/Acceptance Program, 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, enrollment in courses at other colleges and universities, and major changes for most freshman and sophomore students. 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 three 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 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 towards a major requirement are made in the office of the dean responsible for that major;
2. The assignment of advisors is also the function of this office. Students who are accepted into the School of Music or into bachelor of fine arts (BFA) programs in theatre or dance are advised by their respective academic dean’s office; and
3. Finally, 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 Office of Undergraduate Studies determines the eligibility of students for the certificate. See the “Undergraduate Degree Requirements” chapter of this General Bulletin for more information.

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 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.

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.
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 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
- Office of Multicultural Affairs
- Oglesby Union
- Flying High Circus
- Organization and Leadership Services
- Student Campus Entertainment
- Student Counseling Center
- Student Government Association
- Thagard Student Health 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 website at http://www.studentfaIRS.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 Curriculum-Career Information Service unit helps students explore their interests, needs, and values and select appropriate academic programs and occupations to reach their career goals. The center’s career library provides students access to information about careers and information resources. The Career Experience Opportunities Program helps students explore career choices through various professional 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 website at http://www.career.fsu.edu.

Child Care

Child Development Programs (CDP) provides, for a fee, care and educational experiences for a limited number of children from ages two and one-half to five years. Children of Florida State University students are given priority for enrollment. Space is limited, so please apply early.

CDP also provides sites for research by faculty members and graduate students in the areas of early childhood education and child development. In addition, it provides a laboratory setting in which students may observe or work with young children. For additional information, contact Educational Research Center for Children Development, Division of Student Affairs, 370 Hull Drive, Tallahassee, FL 32306-4410, (850) 644-1013; website: http://www.fsu.edu/~staff/child.

The Alumni Village Child Development Center, located in the University’s family and graduate housing area, provides, for a fee, an educational child care program for children two and one-half to five years of age. Space is limited, so please apply early. A free after-school program is provided for residents of Alumni Village. This program operates Monday through Friday from 3:30 p.m. to 5:15 p.m. For additional information, please call (850) 644-8305.

The Infant/Toddler Center in Alumni Village cares for children from ages six weeks to two and one-half years. For more information, please call (850) 644-0003.

The Starlight Child Care Center provides, for a fee, evening care for children ages three to eleven from 3:15 p.m. to 10:15 p.m. Monday through Thursday. Children of Florida State University students and faculty/staff will be accepted. Space is limited, so please apply early. For additional information, please call (850) 644-3096.

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 the University’s 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 and Volunteer Fair in the Fall and Make A Difference Tallahassee, the Nonprofit and Public Service Careers series and Celebration of Service in the Spring. 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 Rosenboom Scholarship.

For more information, contact the Center for Civic Education and Service, Division of Student Affairs, 920 W. Park Ave., Tallahassee, FL 32306-4180; (850) 644-3342; Fax (850) 644-3362; website: http://www.fsu.edu/~service; email: service@admin.fsu.edu.

Assessment Services

For information concerning Assessment Services, please refer to the ‘Office for Distributed and Distance Learning’ 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 11 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, unofficial 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 FSUCard, credit cards or e-checks. Please visit our website at http://www.studentsfirst.fsu.edu.

Seminole Dining

http://www.seminole dining.com

Seminole Dining offers a variety of dining options for students, faculty, staff, and guests. Choose from national brand favorites Chick-fil-A, Einstein Bros. Bagels or Java City gourmet coffees, or try Béne Pizzeria, Montague’s Deli or Grille Works.

Dining locations

Oglesby Union - Real Food on Campus (unlimited servings), Einstein Bros. Bagels, Union Food Court (Chick-fil-A, Bene Pizzeria, Grille Works) and Zia Juice
William Johnston Building - Montague’s Deli and C3 Convenience store
Salley Hall - Bene Pizzeria, Java City espresso and Montague’s Deli
University Center B - Montague’s Deli, Grille Works and Java City with Smoothies
Parking Garage #1 - Trading Post Convenience Store
Strozier Library - Java City
College of Business - Java City
Student Life Building - Java City
College of Law - Java City Eurobistro
Seminole Golf Course - Renegade Bar and Grill

All dining locations accept cash, Declining Balance, Flex Bucks, credit and the FSUCard. Meal memberships (prepaid amount of meals) are available at Real Food on Campus (RFoC), which offers unlimited servings of made-to-order food in the Oglesby Union. Visit the Sales Office in 234 OGC to sign up for a meal membership or to add money to a Declining Balance account or call (850) 644-3663.

Health Care

Thagard Student Health Center 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 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, gynecology, psychiatry and allergy clinics, immunization, nutrition and health enhancement, anonymous HIV testing, lab, x-ray, pharmacy and physical therapy.

Thagard’s clinical staff includes board-certified physicians, psychiatrists, advanced registered nurse practitioners, registered nurses, pharmacists and dieticians. The health center has over 90 full-time employees and 50 part-time and student staff members.

Thagard is sponsored by the Florida 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 join the Student Counseling Center.

Money Management

Students can now find and print more information than ever directly from the Internet. Some of the services include semester grades, unofficial 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 FSUCard, credit cards or e-checks. Please visit our website at http://www.studentsfirst.fsu.edu.

Counseling Services

The Student Counseling Center, a department in the Division of Student Affairs, provides counseling programs and services to help students maintain or achieve 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. 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 are encouraged to make arrangements for such care before entering the University; however the Student Counseling Center’s staff will make referrals to ongoing treatment in the Tallahassee community, if necessary. Treatment outside the center will be at the student’s expense. Initial visits are by appointment, except in cases of emergency. Records of visits to the Student Counseling Center 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 present danger to the student or others. Outreach programs on a number of topics are available to faculty, staff, residence halls, sororities and fraternities by contacting the Outreach Coordinator.

The Student Counseling Center is located in the Student Life Building, suite 201. During Fall and Spring semesters hours of operation are Monday through Thursday 8:00 a.m. – 6:00 p.m. and Fridays, 8:00 a.m. – 5:00 p.m. During Summer, the hours of operation are Monday through Friday 8:00 a.m. to 5:00 p.m. To make arrangements for ongoing treatment in the Tallahassee community, if necessary. Treatment outside the center will be at the student’s expense. Initial visits are by appointment, except in cases of emergency. Records of visits to the Student Counseling Center 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 present danger to the student or others. Outreach programs on a number of topics are available to faculty, staff, residence halls, sororities and fraternities by contacting the Outreach Coordinator.

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The Florida State University Psychology Clinic provides scientifically supported therapy services for a variety of client concerns, including relationship issues, stress, and other personal issues. The clinic also conducts intellectual, academic, personality and learning disability evaluations.

Therapy fees are on a sliding scale that is based on the client’s financial resources, and fees for assessments are at a low, flat rate. Clinic therapists are graduate students seeking their doctoral degrees in the Clinical Psychology Program and all work is closely supervised by clinical psychology faculty.

To apply for services, call the clinic at (850) 644-3006. The clinic is located in the Regional Rehabilitation Center Building, 2nd floor. Hours are Monday – Thursday from 8:00 a.m. to 9:00 p.m., and Friday from 8:00 a.m. to 4:00 p.m.

Housing

The Office of University Housing makes available living accommodations for full-time, degree-seeking, fee-paying students. Residence hall staff members seek to create living environments that promote the personal and intellectual development of resident students. For more information, see the “Housing” chapter of this General Bulletin.

International Center

The International Center (IC) staff provides immigration and support services to international students, scholars, faculty and staff. IC advisers counsel students and scholars as to their obligations under the United States Citizenship and Immigration Services and U.S. Department of State rules, and serve as liaison between them and these agencies.
Pre-College 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 residential program designed to provide 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 various enrichment and social activities.

Upward Bound Program (located at James A. Shanks 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. Permits are distributed by Student Financial Services located at University Center A1500, 8:30 a.m. to 4:30 p.m., Monday through Friday.

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: 1) any area within six feet in front of and to the side of any entrance to or exit from any building, 2) within any sidewalk, 3) on any access or egress ramp, stairs, or handrails; 4) 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 remain with the owner of 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. Regulations governing parking on campus, bus routes, and schedules are available upon request from: The Office of Parking and Transportation, UCC 2300, Tallahassee, FL 32306-2650.

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 donation or mailing of the post office boxes. Students may rent a post office box at $16.00 each term, $32.00 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: xerox; color copier; printer, 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. The office of investigative services provides investigative expertise in matters involving campus 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. Regulations governing parking on campus, bus routes, and schedules are available upon request from: The Office of Parking and Transportation, UCC 2300, Tallahassee, FL 32306-2650.

The Florida State University’s Seminole Safety Guide, in compliance with the Campus Security Act of 1990, is published and distributed annually at orientation sessions and in the residence halls. The Safety Guide describes all safety programs and security services available at the University and contains safety tips and emergency telephone numbers, as well as campus crime statistics. Copies are available through the FSU Police Department. The safety guide is available on the web at http://www.pvpfa.fsu.edu/safetyguide.html.

Student Government’s newest affiliated project is the Bike/Pedestrian Safety Program. The program is designed to improve bicycle 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 transpor-
tion 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 serves students and from all areas on campus and selected off campus locations. SAFE Connection operates as part of the student services bureau at Florida State University. Call SAFE Connection at 8-1-1-8 or call 644-SAFE and let SAFE Connection get you home safely.

The Blue Light Trail, composed of 269 strategically placed light poles with emergency call boxes, provides well-lighted pathways around campus; additional light poles currently are under construction as part of ongoing maintenance 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. WFSU-FM broadcasts state and local news and informational 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 gain practical experience in all 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 of Florida 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 of Florida via its intrastate, extramural, aquatic, and fitness and outdoor pursuits program. On-campus recreational facilities are located primarily in the Bobby E. Leach Recreation Center. The center offers basketball, racquetball, and squash courts; a swimming pool; a gymnasium; basketball courts; and outdoor tennis courts.

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 students interested in participating in intramural, extramural, and fitness and outdoor pursuits programs.

Extramural sport clubs, more highly structured than intramural teams, compete with clubs from other universities. See the Florida State University Student Handbook for a list of clubs.

Through Outdoor Pursuits, students can snow ski, canoe, white water raft, or be 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, or call (850) 644-2428. The Student Disability Resource Center (SDRC) is the primary advocate for students with disabilities. The SDRC provides academic support services such as extra time on exams, note-takers, and readers, and interpreters. Students may also receive assistance with registration and information regarding financial aid and community resources. 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, or call (850) 644-9566.

The Orientation Office oversees different sessions that occur each year to accreditate 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 information about University policies and procedures, academic opportunities and requirements, and community values and standards. Students also meet with an academic advisor and register for courses. Additionally, orientation participants have the chance to discuss questions or concerns about their needs, and are led by trained student orientation leaders. For more information about the orientation program, contact the Student Orientation Office at (850) 644-2785.

The First Year Experience Program (FYE) offers a one (1) semester hour course that assists students in understanding the importance of a liberal arts education, developing a framework for understanding their university experiences, and becoming more goal-oriented in their academic and extracurricular experiences. FYE is offered primarily during the Summer “C” Session (facilitated for the entire session) and Fall Semester (facilitated for the first 8 1/2 weeks of the semester). Students receive a Satisfactory/Unsatisfactory (S/U) grade for course completion. The FYE Program offers two separate tracks that consists of a University faculty or staff member and a current University student, known as a Peer Leader. FYE classes are small, personalized, and highly interactive. Students interested in the course may register for Summer “C” Session or Fall semester course offerings under AMS 1363. Additional information may be accessed at http://www.fsu.edu/~student/dean/fye. The office of the FYE Program is located in A4326 University Center and may be contacted at (850) 644-8707.

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 the Florida State University Student Handbook. For more information regarding student judicial procedures, call (850) 644-5136.

The Withdrawal 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, students evaluate fees 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.

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, instruction, notification, referral to counseling services, and educational information for the campus community. For information call (850) 644-7161 or (850) 644-2277. After hours, call (850) 644-1234 and ask for an advocate.

The Office of Greek Life

The Office of Greek Life oversees the governing bodies of 27 fraternities and 21 sororities, the Interfraternity Council (IFC), the Multicultural Council (MCC), the National Pan-Hellenic Council (NPHC), and the Panhellenic Council. Fraternities and sororities at The Florida State University provide students with an opportunity to establish lifelong relationships and to build a strong support group, while furthering the ideals of scholarship, leadership, service, and social development. For information call (850) 644-2428.

Student Government

The Student Government Association (SGA) is the student’s voice at The Florida State University. SGA allocates approximately $7 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 program 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 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 Student 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 websites, and it offers students opportunities to gain and improve their skills in graphic design (web and print), journalism and photography. (850) 644-0083.

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 counseling. The office strives 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 under 5 years of age. The center is also an excellent source for work experience in early childhood development and observational research. (850) 644-8305.

The Starlight Child Care Center provides after school child care for the Florida State University students and faculty with children ages 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; ticket office; automatic teller machines; information desk; student organization offices; meeting rooms; auditorium; and ballrooms. Located in the Oglesby Union complex are a travel center, hairstyling salon, post office, copy shop, and computer lab.

Another component of Oglesby Union is Student Campus Entertainment, a student-run organization whose members plan and produce a variety of entertainment experiences. Students participate in all facets of entertainment programming, including concert booking, movie scheduling, contract negotiation, security, catering, publicity, and advertising.

The Office of Organizations and Leadershipship Services provides student support services including a registry for clubs and organizations. Staff provide comprehensive leadership programs through “OLS Activities Council” and “Genesis.”

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 400-seat theater, a cyber cafe with computer games and the Java Blues 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.
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 advisers 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 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 III. History/Social Science (six [6] to twelve [12] 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 Statues (AP, IB, 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.

Division of Undergraduate Studies

Dean: Karen Laughlin;
Associate Deans: Gregory Beaumont, Bruce Janasiewicz;
Assistant Dean: 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, and the Center for Retention and Academic Support, the Satellite and Off-Site Advising Office, and StudentsFirst Advising. For further information on these academic support
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 duplication 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, Area II (English composition), and 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)

**HIS 1003W** Writing for History (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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFH</td>
<td>African History and Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH</td>
<td>The African American Experience in the United States</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH</td>
<td>A History of the United States</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH</td>
<td>The American Indians and the United States</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH</td>
<td>Black Women in America</td>
<td>(3)</td>
</tr>
<tr>
<td>AMH</td>
<td>Nationality, Race, and Ethnicity in the United States</td>
<td>(3)</td>
</tr>
<tr>
<td>ASH</td>
<td>Middle Eastern History and Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>ASH</td>
<td>History of Asia</td>
<td>(3)</td>
</tr>
<tr>
<td>EAH</td>
<td>Ancient and Medieval Civilizations</td>
<td>(3)</td>
</tr>
<tr>
<td>LAH</td>
<td>Latin America: A Cross-Cultural History</td>
<td>(3)</td>
</tr>
<tr>
<td>WOH</td>
<td>The Modern World to 1815</td>
<td>(3)</td>
</tr>
<tr>
<td>WOH</td>
<td>The Modern World Since 1815</td>
<td>(3)</td>
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</table>

**Social Science**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFA</td>
<td>Theory and Dynamics of Racism and Oppression</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT</td>
<td>Introduction to Cultural Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT</td>
<td>World Prehistory</td>
<td>(3)</td>
</tr>
<tr>
<td>ANT</td>
<td>Peoples of the World</td>
<td>(3)</td>
</tr>
<tr>
<td>CCJ</td>
<td>Introduction to Criminal Justice</td>
<td>(3)</td>
</tr>
<tr>
<td>CCJ</td>
<td>Criminology</td>
<td>(3)</td>
</tr>
<tr>
<td>CPO</td>
<td>Introduction to Comparative Government and Politics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO</td>
<td>Principles of Macroeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO</td>
<td>Introduction to Economics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO</td>
<td>Principles of Macroeconomics</td>
<td>(3)</td>
</tr>
</tbody>
</table>
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.

*AFM 2000W Introduction to the Afro-American Experience (3)
*AML 2011W American Authors to 1875 (3)
*AML 2600yW Introduction to African-American Literature (3)
*AML 3024W American Authors Since 1875 (3)
*AAM 3311W Major Figures in American Literature (3)
*AAL 3630yW Latino/a Literature in English (3)
*AAM 3682yW American Multi-Ethnic Literature (3)
*AMS 3310W Changing Concepts of the American Character (3)
AMS 3810W The Life of the Mind in America (3)

ARH 2000W Art, Architecture, and Artistic Vision (3)
ARH 2090xW Great Discoveries in World Archaeology (3)
ARH 2521CyW Survey in African-American Art and Aesthetics (3)
ARH 3056W History and Criticism of Art I (3)
ARH 3057W History and Criticism of Art II (3)
ARH 3130W Survey of Greek Art and Archaeology (3)
ARH 3150W Art and Archaeology of Ancient Italy (3)
ARH 3530W The Arts of Asia (3)
ART 2003CW Survey of Studio Art Practices (3)

CLA 3121W The Greek Way: Introduction to Greek Civilization (3)
CLA 3123W The Roman Way: Introduction to Roman Civilization (3)
CLA 2810W Discovery of Nature: Ancient Science (3)

CLT 3012y 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 Ancient Mythology, East and West (3)
*CLT 3378WyW Classical Mythology (3)

*CLT 3370W Classical Drama and Its Influence (3)
CRW 3410W Dramatic Technique (3)
DAN 2100W Introduction to History and Appreciation of Dance (3)

#DAN 3144W History and Philosophy of Dance (3)

#DAN 3145W History and Philosophy of Dance (3)

#DAN 3146W History and Philosophy of Dance (3)
DAN 3192yW African-American Dance in American Culture (3)
ENG 3110W Film Genres (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 3343W Introduction to Shakespeare (3)
*FLR 2001W Introduction to Film (3)
*FOW 3240WyW Literature and Sexuality (3)
FRT 3561yW French Women Writers (3)
FRW 3391rW French Cinema (3)

*GET 3130W Masterpieces of German Literature in Translation: 19th and 20th Centuries (3)
GEW 3391rW German Cinema (3)

*HUM 2221W Humanities: Homer to Gothic (3)
*HUM 2235W Humanities: From the Renaissance to the Enlightenment (3)
*HUM 2250W Humanities: 18th-Century Romanticism to Postmodernism (3)
HUM 2937rW Humanities Honor Seminar (3)

#HUM 2944r University Honors Colloquium (1) For honors students only.
HUM 3321CyW Multicultural Dimensions of Film and 20th-Century Culture (3)

*HUM 3342xW Cultural Imperialism (3)
*HUM 3413xW Humans: South Asian (3)
*HUM 3416xW East Asian Humanities (3)
*HUM 3800W Humanities: Principles of Criticism and Appreciation (3)
*ITT 3430W Masterpieces of Italian Literature in Translation (3)
ITW 3391rW Italian Cinema (3)

*LIT 2020W Introduction to the Short Story (3)
*LIT 2081W Contemporary Literature (3)
*LIT 2189W Contemporary Literature (3)
*LIT 3043W Modern Drama (3)
*LIT 3383W Women in Literature (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 or Music of Tribal and Folk Cultures (3)

#MUH 2052xW Music Cultures of the World or Anthropology of Music (3)
MUH 3053yW 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 XXXX 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)
PHI 3130W Plato and His Predecessors (3)
PHI 3140W Aristotle to Augustine (3)
PHI 3400W Modern Philosophy (3)
PHI 2010W Introduction to Philosophy (3)
PHI 2100W Reasoning and Critical Thinking (3)
PHI 2630W Ethical Issues and Life Choices (3)
PHI 3400W History and Philosophy of Science (3)
PHI 3800W Philosophy of the Arts (3)
*PHI 3882W Philosophy in Literature (3)
PHM 212y Philosophy of Race, Class and Gender (3)
PHM 2300xW Introduction to Political Philosophy (3)
PHM 3123y Philosophy of Feminism (3)
REL 1300W Introduction to World Religions (3)
REL 2121yW 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 3505W The Christian Tradition (3)
REL 3607W The Jewish Tradition (3)
*RUT 3110yW Russian Literature in English Translation (3)
#SPT 3130xW Latin American Literature in Translation (3)
SPW 3391r Hispanic Cinema (3)
THE 2000W Introduction to Theatre (3)
*THE 2100W Introduction to Theatre History (3)
THE 3061 Introduction to Theatre in London (3)
WST 3251yW Women in Western Culture: Images and Realities (3)

#Note: on credit limit for music series MUH 2051–2052 and for dance series DAN 3144 – 3145 – 3146; credit toward liberal studies requirements will be given for only one course in each series.
Area V. Natural Science

Students must complete a minimum of seven (7) semester hours. One of the courses must be accompanied by a corresponding laboratory.

ANT 2511x Introduction to Physical Anthropology and Prehistory (3)
ANT 2511 Lab Introduction to Physical Anthropology and Prehistory Laboratory (1)
AST 1002 Planets, Stars, and Galaxies (3)
AST 1002L Introduction to Astronomy Laboratory (1)
AST 3033W Recent Advances in Astronomy and Cosmology (3)
BSC 1005 General Biology for Non-majors (3)
BSC 1005L General Biology Laboratory for Nonmajors (1)
BSC 2010 Biological Science I (3) For science majors.
BSC 2010L Biological Science I Laboratory (1)
BSC 2011 Biological Science II (3) For science majors.
BSC 2011L Animal Diversity Laboratory (2) For science majors.
CHM 1020 Chemistry for Liberal Studies (3)
CHM 1020L Chemistry for Liberal Studies Laboratory (1)
CHM 1030 Survey of General Chemistry (3)
CHM 1045, 1046 General Chemistry I, II (3, 3) For science majors.
CHM 1045C, 1046C General Chemistry I, II (4, 5)
CHM 1045L, 1046L General Chemistry Laboratories I, II (0,0)
CHM 1050, 1051 Honors General Chemistry I, II (3, 3) For science majors.
CHM 1050L, 1051L Honors General Chemistry Laboratories I, II (1, 2) For science majors.
CHM 2200C Survey of Organic Chemistry (4)
GLY 1000 Dynamic Earth (3)
GLY 1000L Dynamic Earth Laboratory (1)
GLY 1040 How to Build a Habitable Planet (3)
GLY 1042 Planetary Geology (3)
GLY 1070 Living on the Water Planet (3)
GLY 1102 Dinosaurs and Disasters on an Evolving Earth (3)
GLY 1892W Environmental Issues in Geology (3)
GLY 2010C Physical Geology (4) For science majors.
GLY 2022C Geology for Pre-service and In-service Teachers (4)
GLY 2100 Historical Geology (3)
GLY 2100L Historical Geology Laboratory (1)
HUN 1201 The Science of Nutrition (3)
ISC 2003x Global Change: Its Scientific Foundation and Human Dimensions (3)
ISC 2937R Natural Science Honors Seminar (3) For honors students only.
MET 1010 Introduction to the Atmosphere (3)
MET 1010L Introductory Meteorology Laboratory (1)
MET 2101 Physical Climatology (3) For science majors.
MET 2700 General Meteorology (3) For science majors.
OCE 1001 Elementary Oceanography (3)
PCB 2099 Human Physiology (3)

Note: certain restrictions exist regarding the allotment of course credit for the chemistry and geology courses listed above. Students should refer to the course descriptions of each department for specific credit information before registering for these courses.

How Transfer Credit Applies to the Liberal Studies Program

The Office of Undergraduate Studies evaluates transfer credits as they apply to the Liberal Studies Program and loads the results into the SASS system. Students with the AA degree or General Education Statement from a Florida public senior or community college or other colleges with which 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

AFH 1000 African History and Civilization (3)
AFH 4302 North African History: A Survey (3)

ANT 2410 Introduction to Cultural Anthropology (3)
ANT 2511 Introduction to Physical Anthropology and Prehistory (3)
ANT 3141 World Prehistory (3)
ANT 3212 Peoples of the World (3)
ANT 3231 Introduction to Folklore (3)
ANT 3610 Language and Culture (3)
ANT 4241 Anthropology of Religion (3)
ANT 4242 Symbol and Ritual (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 4362 Peoples and Cultures of Southeast Asia (3)
ANT 4363 Japanese Society and Culture (3)
ANT 4364 Chinese Society and Culture (3)
ARH 2090 Great Discoveries in World Archaeology (3)
ARH 2581 A Survey of “Tribal Arts” Past and Present (3)
ARH 3530 The Arts of Asia (3)
ARH 3582 Arts and Cultures of the South Pacific (3)
ARH 4523 West African Art and the Diaspora: Brazil, Haiti, the United States and Suriname (3)
ARH 4551 Arts of China (3)
ARH 4554 Arts of Japan (3)
ARH 4583 The Arts of Oceania, Africa and Native America (3)
ARH 4585 Arts and Architecture of Polynesia (3)
ASH 1044 Middle Eastern History and Civilization (3)
ASH 3100 History of Asia (3)
ASH 4223 Modern Middle East (3)
ASH 4520 Traditional India (3)
ASH 4550 Modern India (3)
CHT 3391 Chinese Cinema and Culture (3)
CLT 3378 Comparative Mythology, East and West (3)
CPO 2002 Introduction to Comparative Government and Politics (3)
CPO 3034 Politics of Developing Areas (3)
CPO 3303 Politics of Latin America (3)
CPO 3403 Comparative Government and Politics of 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)
CPO 3614 East European Politics (3)
CPE 3515 History of Clothing and Textiles I (3)
ECS 3003 Comparative Economic Systems (3)
ECS 4013 Economics of Development (3)
FRT 3140 Masterworks of French Literature in Translation (3)
GEA 1000 World Geography (3)
GEO 1400 Human Geography (3)
GEO 4420 Cultural Geography (3)
HHD 2152 Multicultural Perspectives in Residential Environments (3)
HOE 3330 Human Sciences and Human Development: Global Perspectives (3)
HUM 3324 Cultural Imperialism (3)
HUM 3413 Humanities: South Asian (3)
Undergraduate Degree Requirements

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HUM 3416 East Asian Humanities (3)
HUN 2125 Food and Society (3)
ISC 2003 Global Change: Its Scientific and Human Dimensions (3)
LAH 1093 Latin America: A Cross-Cultural History (3)
LAH 3411 History of Mexico, Central America, and the Caribbean (3)
LAH 3500 History of South America (3)
LAH 4430 History of Mexico (3)
LAH 4470 History of the Caribbean (3)
LAH 4600 History of Brazil (3)
LAH 4748 Social Revolutionary Movements in Latin America (3)
LIT 2189 Introduction to Global Literature in English (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)
MUH 2512* Music Cultures of the World I (2)
MUH 2513* Music Cultures of the World II (2)

*Students must take MUH 2512 and MUH 2513 or one of them and MUN 2800 or 4803r

MUH 4572 Music of Japan (3)
PHM 2300 Introduction to Political Philosophy (3)
PRT 3391r Brazilian Literature and Film in Translation (3)
REL 1300 Introduction to World Religions (3)
REL 2315 Religions of South Asia (3)
REL 3170 Religious Ethics and Moral Problems (3)
REL 3340 The Buddhist Tradition (3)
REL 3363 The Islamic Tradition (3)
REL 4333 Modern Hinduism (3)
RUT 3500 Modern Russian Life (3)
SLL 3500 Slavic Culture and Civilization (3)
SPC 4710 Intercultural/Intercultural Communication (3)
SPN 3520 Cultures of Latin America (3)
SPT 3130 Latin American Literature in Translation (3)
SYD 3020 Population and Society (3)
SYO 3200 Sociology of Religion (3)
The 4432 Latin American and Caribbean Theatre (3)
THE 4438 African Theatre and Performance (3)
URP 4618 Planning for Developing Regions (3)
URS 1006 World Cities: Quality of Life (3)

(Y) Diversity in Western Culture Courses

AFA 1003 Diversity and Justice (1)
AFA 3101 Theory and Dynamics of Racism and Oppression (3)
AFA 3395 Cultural Pluralism and Community Service (3)
AMH 1091 The African American Experience in the United States (3)
AMH 2095 The American Indians and the United States (3)
AMH 2096 Black Women in America (3)
AMH 2097 Nationality, Race and Ethnicity in the United States (3)
AMH 4561 Women in 19th-Century America (3)
AMH 4562 Women in Modern 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 3630 Latino/a Literature in English (3)
AML 3682 African Multi-Ethnic Literature (3)
AML 4604 The African-American Literary Tradition (3)
AML 4680r Studies in Ethnic Literature (3)
ARH 2521C Survey in African-American Art and Aesthetics (3)
ARH 4601 Native American Arts and Architecture of the Southwest (3)
ARH 4680 American and Ethnic Folk Art (3)
CCJ 4662 Minorities, Crime and Social Policy (3)
CCJ 4663 Female Crime and Delinquency (3)
CLA 3012 Homosexuality in Antiquity (3)
CLA 3501 Gender and Society in Ancient Greece (3)
CLA 3502 Women, Children, and Slaves in Ancient Rome: The Roman Family (3)
CTE 3516 History of Clothing and Textiles II (3)
DAN 3192 African-American Dance in American Culture (3)
DAN 4183 History of African American Social Dance of the Twentieth Century (3)
EDF 2073 Diversity in and out of School: Multicultural Policies and Practices (3)
EDG 2701 Teaching Diverse Populations (3)
FOW 3240 Literature and Sexuality (3)
FOW 3541 Gender and Race in Literature (3)
FRT 3561 French Women Writers (3)
GEA 4405 Latin America (3)
GET 3130 German Literature in Translation: 19th and 20th Centuries (3)
HUM 3321 Multidisciplinary for Film and 20th-Century Culture (3)
ITT 3501 Modern Italian Culture: From the Unification to the Present (3)
ITT 3520 Italian American Experience in Literature and Film (3)
LEI 1181 Leisure and Recreation: A Cross-Cultural Approach (3)
LIS 2568 Multicultural Issues in Information Resources for Youth (3)
LIT 3383 Women in Literature (3)
LIT 4329 African American Folklore (3)
LIT 4385 Major Women Writers (3)
MUE 2390 Teaching Music to Diverse Populations (3)
MUH 2019 Modern Popular Music (3)
MUH 3053 Minority Musics in North America (3)
MUH 4541 Music of Latin America I (3)
MUH 4542 Music in Latin America II (3)
MUH 4543 Music in the Caribbean (3)
NUR 3655 Multicultural Factors and Health (3)
PET 4253 Lesbian and Gay Sport Studies (3)
PET 4254 Gender Issues in Sport and Physical Activity (3)
PHM 2121 Philosophy of Race, Class, and Gender (3)
PHM 3123 Philosophy of Feminism (3)
PUP 3323 Women and Politics (3)
RCS 1065 Disability in Western Culture (3)
REL 2121 Religion in the United States (3)
REL 3145 Gender and Religion (3)
REL 3146 Gender and the Bible (3)
REL 3375 Afro-Caribbean Religions (3)
RUT 3110 Russian Literature in English Translation (3)
SOP 3742 Psychology of Women (3)
SOP 3782 Psychology of the African-American (3)
SOW 4108 Women’s Issues and Social Work (3)
SOW 4620 Diversity in Social Work Practice (3)
SOW 4622 Social Work with Black Families (3)
SOW 4627 Mental Health of Diverse Populations (3)
SPA 2633 Deaf Culture (3)
SPC 4630 Rhetoric of Women’s Issues (3)
SPC 4634 Rhetoric of Race Relations (3)
SYD 3800 Sociology of Sex and Gender (3)
SYD 4700 Race and Minority Group Relations (3)
SYG 2010 Social Problems (3)
SYO 3100 Family Problems and Social Change (3)
THE 4233 History of African-American Drama (3)
THE 4433 Gender, Race, and Performance (3)
URP 4402 Sustainable Development Planning in the Americas (3)
WST 3251 Women in Western Culture: Images and Realities (3)

Oral Communication Competency

Competency 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) A grade of “B” or above in a high school oral communication or speech class;
   b) Verified successful participation in a forensic or debate program in high school, community college, or college; or
c) 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.

**Currenty Certified Courses**

<table>
<thead>
<tr>
<th>AFR</th>
<th>XXXX</th>
<th>Sequence of courses (see department for details)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ</td>
<td>4209</td>
<td>Courts and Social Policy (3)</td>
</tr>
<tr>
<td>ECH</td>
<td>2050</td>
<td>Chemical Engineering Communication (2)</td>
</tr>
<tr>
<td>ECO</td>
<td>3004</td>
<td>Debating Economic Issues (3)</td>
</tr>
<tr>
<td>*EML</td>
<td>4551C</td>
<td>Senior Design Project I (3)</td>
</tr>
<tr>
<td>*EML</td>
<td>4552C</td>
<td>Senior Design Project II (3)</td>
</tr>
</tbody>
</table>

*Note: both courses must be taken to satisfy the requirement.

| FIL | 2110 | Screenwriting I (3) |
| GEB | 3213 | Business Communications (3) |
| HEE | 4054 | The Edutative Process (3) |
| HIS | 1103 | Speaking About History (3) |
| INP | 4314 | Advanced Topics in Performance Management (4) |
| MET | 3940r | Weathercasting (1) |
| #MUE | 3491 | Communication Skills for the Musician: Choral (2) |

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**Computer Skills Competency**

All undergraduates at The Florida State University must demonstrate basic computer competency prior to graduation. The computer competency requirement may be satisfied in one of two ways:

1. Take and pass a course (or course combination) which has been approved for computer competency credit:
   a) Take and pass one of the following: CGS 2060, Computer Literacy, or CGS 2100, Microcomputer Applications for Business and Economics.
   b) Take and pass one of the courses in other departments which have been certified as providing computer competency (these may possibly be combinations of two or more courses which collectively satisfy the competency requirement).

2. Demonstrate existing computer competency through a “skills certification” procedure that is provided by departments offering a course that has been approved for certified computer competency.

   a) Take and pass one of the following: CGS 2060, Computer Literacy, or CGS 2100, Microcomputer Applications for Business and Economics.
   b) Take and pass one of the courses in other departments which have been certified as providing computer competency (these may possibly be combinations of two or more courses which collectively satisfy the competency requirement).

   The need for specific computer competency skills vary from discipline to discipline, and while a minimum level of competency is required, means of assessing such competency must remain flexible. Thus several courses will be flagged as basic tests of computer competency, and students passing these courses with a grade of “C–” or higher will automatically be assumed to have completed the requirement.

   Students are encouraged to complete this requirement early in their academic career, preferably during the freshman year.

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**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 a “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.
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 may take the Florida CLAST in the first term of enrollment or any term thereafter, but students who have completed or are completing their sophomore year in college and who are seeking admission to upper-division programs in state universities in Florida must present CLAST scores. 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

**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 alternative means have been approved to meet the requirements of Section 1007.25, Florida Statutes.

Students transferring from other institutions who 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.
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 two of the following undergraduate mathematics liberal studies courses: MAC 1102 and MAC 1141 or MAC 1102 and MGF 1207 with at least a “C” or better. The University will continue to accept completion of MAC 1102 and MAC 1141 or MAC 1102 and MGF 1207 with at least a “C” as one factor in determining eligibility for a waiver of the passing score on the Computation subtest. Students should not be advised to take CGS 2060 as a second mathematics liberal studies course if they are having difficulty passing the Computation section of CLAST. 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 2.25.

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 studies 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.
The Baccalaureate Degree

The Florida State University’s general requirements for all baccalaureate 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 at least the 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)

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: School of Visual Arts and Dance; School of Music; School of Theatre; 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 2nd 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 of distinction are granted to transfers 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

Note: the Academic Honor System currently is under revision. Please refer to http://www.fsu.edu/Books/Student-Handbook/2003codes/honor.html for the most current version of the Academic Honor System.

Academic Honor System

A major concern of any educational institution, ranking with its concern for the advancement and dissemination of knowledge, is the maintenance of high standards of integrity and responsibility in the academic community. The Florida State University recognizes the responsibility of both faculty and students in developing and maintaining these standards.

The legal foundation for the coordinated efforts of faculty and students to uphold academic integrity and combat academic dishonesty is provided in the Academic Honor System (Florida Statute 1006.60), which can be found in the Florida State University Student Handbook and follows herein. The specific authority is provided for in Section 1006.60, Florida Statutes; and Florida Board of Governors Rule 6C-6.0105 “Student Discipline.”

Academic Honor Code

The academic honor system of The Florida State University is based on the premise that each student has the responsibility:

1. To uphold the highest standards of academic integrity in the student’s own work;
2. To refuse to tolerate violations of academic integrity in the University community; and
3. To foster a high sense of integrity and social responsibility on the part of the University community.

Violations of the Academic Honor Code

1. During examinations, violations of the Academic Honor Code shall include referring to information not specifically condoned by the instructor. It shall further include receiving information from a fellow student or another unauthorized source.
2. Regarding academic assignments, violations of the Academic Honor Code shall include representing another’s work or any part thereof, be it published or unpublished, as one’s own. It shall also include presenting or submitting any academic work in a manner that impairs the instructor’s ability to assess the student’s academic performance. For example, plagiarism includes failure to use quotation marks or other conventional markings around material quoted from any source.
3. Violations of the Academic Honor Code shall include obtaining, distributing, or referring to a copy of an examination which the instructor/department has not authorized to be made available for such a purpose.
4. Violations of the Academic Honor Code shall include any act which impedes the ability of other students to have fair access to materials assigned or suggested by the instructor. For example, removal or destruction of library or other source materials violates the Academic Honor Code.
5. Academic dishonesty shall include tampering with another student’s work or impairing in any way the instructor’s ability to assess the academic performance of another student.
6. Violations of the Academic Honor Code shall include alteration of grades or any other records related to the academic performance of students. This shall also include submitting any false records in order to gain admission to the University.
7. Violations of the Academic Honor Code shall include assisting, attempting to assist, or conspiring to assist another student in committing the offenses as outlined above.
8. Violations of the Academic Honor Code shall include attempting to commit any offense as outlined above.

Student Responsibility

1. Each student shall be responsible for abiding by the Academic Honor Code at all times. If required by the instructor, at the conclusion of each examination or submission of an assignment, each student shall sign a pledge that the student has neither given nor received aid from any unauthorized source during the examination or in preparing the assignment.
2. Any student who violates the Academic Honor Code is expected to report the violation to the instructor and/or the University judicial officer.
3. If a student observes cheating during an examination, the student should consult with the instructor of the course as soon as reasonable so that the cheating may be stopped. If a student otherwise observes or learns of another student’s violation of the Academic Honor Code, the student shall either: (a) Ask the student to report the violation to the instructor of the course and/or the University judicial officer; or (b) Report the violation to the instructor of the course and the University judicial officer.

Faculty Responsibility

1. Any instructor may require the students to sign a pledge at the conclusion of each examination stating that they have neither given nor received aid from any unauthorized source during the examination.
2. An instructor may further define in writing the instructor’s specification of the acts which shall constitute a violation of the Academic Honor Code as set forth in Section 6b. The definition shall be explained to each class and shall be effective thereafter for that class.
3. When an instructor believes that a student has violated the Academic Honor Code in one of the instructor’s classes, the instructor should discuss the matter with the student. The instructor and student may resolve the problem in a manner acceptable to both. The instructor may consult with or invite the participation of the department chair or dean in the effort to reach an acceptable agreement with the student. The student may discuss the appropriateness of any academic response with the instructor’s department chair or dean. Any agreement involving an academic penalty shall be in writing, signed by both parties concerned, and reported by the instructor to the chair or dean and, for information only, to the University judicial officer. The student shall not be further penalized based on this report alone.
4. If a satisfactory resolution is not reached at the departmental level, the instructor shall refer the matter to an Academic Honor System Hearing Panel. These panels shall consist of five members: one faculty member from the department (school) concerned and appointed by the chair (dean); one faculty member not from the department concerned but appointed by the Dean of the Faculties; and two students appointed through procedures established by the Student Senate. The panel shall be chaired by the Dean of the Faculties or designee, who shall vote only in case of a tie. Procedures of this hearing panel shall be in compliance with Section 1006.60, Florida Statutes. The University judicial officer may sit as an ex-officio nonvoting member of the hearing panel. The decision of this panel shall be final with respect to the student’s guilt or innocence and the appropriate academic penalty, if any. The student shall have the right to continue in the course during the hearing procedures. Should no determination be made before the end of the term, the instructor shall record an appropriate grade to reflect the situation until a final decision is made.
5. The chair of the Academic Honor System Hearing Panel shall be responsible for reporting the decision to the student, the instructor, and the University judicial officer; the latter shall determine whether further action should be taken under the Academic Honor Code.

Academic Penalties

Academic penalties shall include but not be limited to one or a combination of the following:
1) a lower or failing grade in the course, 2) a lower or failing grade or score on the assignment or examination, or 3) additional work to provide evidence of the student’s academic performance.
and/or evidence that the student knows and understands the course material.

University Judicial Officer Responsibilities

1. The University judicial officer shall explore the circumstances and determine whether, in the light of the severity and frequency of the student’s violations of the Academic Honor Code, any disciplinary penalty should be imposed. The student may elect a hearing before the Student Supreme Court.

2. The University judicial officer shall determine, with advice from the Student Supreme Court, appropriate disciplinary penalties for students found guilty of violations of the Academic Honor Code.

3. In all cases referred to the Student Supreme Court, the University judicial officer shall submit the report from the chair of the Academic Honor System Hearing Panel and a record of the student’s history regarding academic integrity. The University judicial officer shall report the disposition of each case to the student, to the Dean of the Faculties, and to the instructor involved.

Student Supreme Court Responsibilities

1. The Student Supreme Court shall be responsible for hearing all cases brought before it by the University judicial officer. These proceedings shall be conducted in accordance with the guidelines in the Student Conduct Code and other applicable University guidelines.

2. The Student Supreme Court shall, in the light of information concerning this violation and the student’s entire history regarding academic integrity, hold hearings to determine a recommended disciplinary penalty in accordance with the procedures of the court.

Penalties

The following are the possible disciplinary penalties for violation of the Academic Honor Code, and they may be imposed singularly or in any combination.

1. Dismissal—an indefinite separation from the University. In order to be readmitted, a student dismissed for disciplinary reasons pursuant to the Academic Honor Code must file a petition for judicial clearance with the University judicial officer who will present the petition to the Honor System Committee for review and decision. If the University judicial officer is satisfied that the student has met all other requirements, the student shall receive a judicial clearance. All students who receive a judicial clearance will be permitted to return to the University on a probationary basis if they have also met applicable readmission criteria.

2. Suspension—a separation from the University for a specified period of time, not to exceed two years. During the period of suspension, the student will be permitted to return to the University on a probationary basis if the student has also met applicable readmission criteria.

3. Probation—a conditional retention of student status until the student graduates from the University or is separated from the University for a period of not less than four years. During the period of the probation, a student’s University privileges may be restricted at the discretion of the University judicial officer.

4. Reprimand—a written statement from the University judicial officer expressing disapproval of conduct.

5. Nothing in this code shall preclude the imposition of other reasonable sanctions or a combination of sanctions within the authority and discretion of the appropriate tribunal.

6. Disciplinary records shall be maintained under the auspices of the Vice President for Student Affairs.

Honor System Committee

An Honor System Committee shall be appointed by the University President. The committee shall consist of three faculty selected from a list of six provided by the Faculty Senate Steering Committee and three students selected from a list of six provided by the Student Senate. Student members shall be appointed to serve terms of one year and faculty shall be appointed to serve terms of three years. The committee shall keep students and faculty informed concerning the provisions of the Academic Honor System, monitor the operation and effectiveness of the Academic Honor System, and make recommendations to the Faculty Senate and the Student Senate that it may deem appropriate.

Amendment Procedures

Amendments to the provisions of the Academic Honor System may be initiated by the above named committee, by the Faculty Senate, the Student Senate, or by the Vice President for Academic Affairs. Amendments to the Academic Honor System must be approved by the Faculty Senate and the Student Senate. After approval, amendments shall be forwarded to the University for implementation.

General Academic Appeals Process

Grievance Procedure

Students who feel 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. After following this procedure if graduate students have not resolved their complaint, they must see the Dean of Graduate Studies prior to meeting with the Dean of the Faculties. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculty for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. This 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 feel 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. After following this procedure if graduate students have not resolved their complaint, they must see the Dean of Graduate Studies prior to meeting with the Dean of the Faculties. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculty for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. This 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 is 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 makes an amendment to the record, the University will notify the student of the amendment 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, or support staff position (including law enforcement unit 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 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. 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

Students have the right to obtain a copy of The Florida State University’s student record policy. You can obtain a copy of the policy from the Office of the University Registrar, A3900 University Center, Florida State University, Tallahassee, Florida 32306-2480.

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 or support staff position (including law enforcement unit 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 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 University; personal records of instructional, supervisory, or administrative personnel; and alumni records related to that student; and
3. Records transmitted to another school or school system in which the student seeks or intends to enroll, since the University generally forwards these on request.

Note: more specific information regarding such exempted information can be obtained by contacting the Office of the University Registrar, A3900 University Center. For the complete text of the applicable statutes refer to Section 1006.52, Florida Statutes, 20 U.S.C. 1232g, and 34 C.F.R. §99.1, et seq. or write the U.S. Department of Education at 600 Independence Ave., S.W., Washington, D.C. 20202.

C. Prior consent of the student is not required for disclosure of portions of the educational record defined by the institution as “Directory Information,” which may be released via official media of the University:

1. Name, date, and place of birth;
2. Local address;
3. Permanent address;
4. Telephone number (if listed);
5. Classification;
6. Major field of study;
7. Participation in official University activities and sports;
8. Weight and height of members of athletic teams;
9. Dates of attendance at the University;
10. Degrees, honors, and awards received;
11. The most recently attended educational institution; and,
12. Digitized photo (Florida State University Card).

Important: the information above, designated by the University as “Directory Information,” may be released or published by the University without prior written consent of the student unless exception is made in writing by the student.

Request to Prevent Publication of Directory Information

Students may inform the University in writing of the student’s desire to prevent publication of such “Directory Information” or release of such information except as required by law. Appropriate forms for such action are available by the Office of the University Registrar. Caution: until the University can develop the necessary sophistication in our data systems, a student’s request to prevent the release of publication of some of the items of “Directory Information” may result in preventing the publication of all items on that list, including honor lists, and award lists. The student can help avoid such errors with a gentle reminder to the Office of the University Registrar.

For complete information related to the policies outlined above or concerning the procedures regarding waivers and consent forms, or to challenge the accuracy of the educational record, please contact: The Registrar, Office of the University Registrar, A3900 University Center, The Florida State University, Tallahassee, FL 32306-2480.

Class Attendance

Attendance at the first class meeting is mandatory unless properly excused by the class instructor. 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.

All students are expected to abide by the class attendance policy set forth by the instructor in each class in accordance with Section 8.6 of the Faculty Handbook. Any arrangement to make up work because of class absence is the responsibility of the student. The instructor, who will explain the grading policy at the beginning of the term, determines the effect of absences upon grades. Students reported absent for a period of two weeks or more may be readmitted only by permission of their academic dean. Upon readmission the dean may require a reduction of the academic load. A student reported for excessive absence in any course may be required by the academic dean to drop the course with the grade of “F”. 
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 Bachelor's Degree, classification 6;
Special Non-Degree Seeking with Bachelor's 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.

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 shall take the examination at 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 appropriate academic dean.

Exceptions to the Examination Policy for an Individual Undergraduate Student

Approval for the appropriate academic dean 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.

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 please contact the Dean of Academic Affairs.

Grading System

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Withdrawn while Passing
Withdrawn with Dean's Permission
Examination Credit
Departmental Examination

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.”

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 an 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”). An “S” will be recorded on the student’s permanent record 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 four 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 fourth 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 fourth 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 on an S/U basis. The credits earned in these courses are excluded from the total stipulated in section A (above) as permissible. Also, enrollment in a course offered on the S/U basis only does not exclude enrollment in an elective course under the S/U option (section A above) in the same term.

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! website. 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 website 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, 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 course in which the student withdraws from the University. Grades of “I” will be changed back to a letter-grade basis until the end of the fourth week of the term, unless the instructor has approved for “S” or “U” grades only which 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

Policies & Information

Academic Regulations 75
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 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 grade the student feels was inequitably awarded, in that it involved a gross violation of the instructor’s own specified grading standards, which the instructor has an obligation to announce at the beginning of the course. The student may appeal the grade in the following manner:

Step 1.

The student must approach the instructor in question to discuss the grade and attempt to resolve any differences. A student not in residence for the succeeding term or a resident student who is unable to resolve the differences with the instructor must file an appeal with the instructor’s program or department chair, whichever is appropriate, within 60 days following the assignment of the disputed grade.

Step 2.

If still dissatisfied, the student may, after filing a written statement with the program or department chair explaining the basis for the appeal, appear before a board composed of three students nominated by the program or departmental student advisory committee or its counterpart. A negative decision by the board will end the appeal. A favorable decision will be referred to the departmental board described in step 3 (below). The student advisory board acts as a screening body and determines solely whether the appeal is consonant with the criteria indicated above. The student advisory board must be appointed and its decision made within three weeks of the time that the written statement has been filed with the program or department chair.

Step 3.

A department board comprising three faculty members and two students appointed by the chair must be selected for each case. The departmental board must be appointed and its decision made within three weeks of the time the student advisory board has reached a favorable decision on the grade appeal. A unanimous decision shall be final and binding on all parties concerned. A majority opinion may be appealed by the student or the faculty member to a college-wide board appointed by the dean of the college from nominees supplied by the faculty and student advisory committees respectively. The appeal from the decision of the departmental board must be made by the dissatisfied party within three weeks of the time that decision has been made. The college-wide board must be appointed and its decision made within three weeks of the time that the written appeal has been filed with the dean of the college. The majority decision of this college-wide appeal body shall be final and binding on all parties concerned.

Each committee and board is charged with hearing the instructor in question, if the instructor wishes.

Forgiveness Policy

Effective Fall 2004, The Florida State University has discontinued the forgiveness policy for all students. Please refer to the ‘Drop/Add or 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 cumulative point deficiency which will place the student on academic warning, academic probation, or academic dismissal.

A minimum of 2.0 GPA is required for retention. A minimum 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 a GPA of 2.0 or higher; or 3) extraordinary approval 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 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 exception 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. 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 will have 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) or otherwise may be required to achieve 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.

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 76
The Florida State University courses cover Accounting, or e-mail:
Committee will send a letter to the student noting a recommendation to the dean of the student's Associate and Assistant Deans, will then make whose charge is to assess the student's capability. Withdrawals Readmission After Multiple
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) website. 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 in 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 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 must complete the original application process. Formal application must be made to the Office of Admissions by the published deadline and/or complete the original application process. The statement "Withdrew from 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 requirement.

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 subcollege-level course work, or for coursework 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 Business Administration 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 as acceptable by the·prefix in the 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 with 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 under “Gordon Rule” requirements, the course will be accepted in partial fulfillment of Section 1007.25, Florida Statutes. (See the Undergraduate Course Requirements in the “General Bulletin.”) Students not needing another mathematics course for their major may use this as their second algebra 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 Collegework and credits earned. Students earning credit by examination must notify the Office of Admissions of this intention as soon as possible after satisfactory 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.

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, and credits earned. (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 satisfactory scores have been received.

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 portion of the Scholastic Assessment Test (SAT-I) or 29 or higher on the English portion of the American College Testing Program test (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 Scholastic Assessment Test (SAT-I) or 30 or higher on the mathematics portion of the American College Testing Program test (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.
<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>
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<td>BSC 1005C (4)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>None</td>
<td>BSC 2010C (4)</td>
</tr>
<tr>
<td>Chemistry</td>
<td>AS-Level</td>
<td>None</td>
<td>CHM 1020C (4)</td>
</tr>
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<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>
<td>Same</td>
</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>ENE 1101 (3) or ENC 1102 (3)¹</td>
<td>ENC 1101 (3) or ENC 1102 (3)¹</td>
</tr>
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<td></td>
<td>A-Level</td>
<td>Same¹</td>
<td>ENC 1101 (3), ENC 1102 (3) or ENC 1102 (3), LIT 1006 (3)²</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>AS-Level</td>
<td>EVR 1001C (4)</td>
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</tr>
<tr>
<td>Geography</td>
<td>AS-Level</td>
<td>GEO 1000 (3)</td>
<td>Same</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>GEO 3200 (3), GEO 1400 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>History</td>
<td>AS- or A-Level</td>
<td>AMH 1000 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>American</td>
<td></td>
<td>EUH 1009 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>European</td>
<td></td>
<td>WOH 1030 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>International</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>All other areas in history subject to institutional review.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language</td>
<td>AS- or A-Level</td>
<td>SPN 1120 (4), SPN 1121 (4)</td>
<td>SPN 1120 (4), SPN 1121 (4), SPN 2200 (4)</td>
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<tr>
<td>Spanish</td>
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<td>FREN 1120 (4), FREN 1121 (4)</td>
<td>FREN 1120 (4), FREN 1121 (4), FREN 2200 (4)</td>
</tr>
<tr>
<td>French</td>
<td></td>
<td>GER 1120 (4), GER 1121 (4)</td>
<td>GER 1120 (4), GER 1121 (4), GER 2230 (4)</td>
</tr>
<tr>
<td>German</td>
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</tr>
<tr>
<td>All other languages subject to institutional review.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language Literature</td>
<td>AS- or A-Level</td>
<td>SPW 3030 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>Spanish</td>
<td></td>
<td>FRW 3100 (3)</td>
<td>Same</td>
</tr>
<tr>
<td>French</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All other languages subject to institutional review.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>AS-Level</td>
<td>None</td>
<td>MAC 1147 (5)</td>
</tr>
<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)</td>
<td>PHY 2053C (4), PHY 2054C (4)</td>
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<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>
</tr>
<tr>
<td>Sociology</td>
<td>AS-Level</td>
<td>None</td>
<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

(Numbers in parentheses indicate the number of credits awarded)

<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>
<td>Same as 4</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>BSC 1005 (3), BSC 1005L (1)</td>
<td>Same as 3</td>
<td>BSC 2010 (3), BSC 2010L (1), BSC 2011 (3), BSC 2011L (2)</td>
</tr>
<tr>
<td>CALCULUS-AB</td>
<td>MAC 2311 (4)</td>
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<td>Same as 3</td>
</tr>
<tr>
<td>CALCULUS-BC</td>
<td>MAC 2311 (4), MAC 2312 (4)</td>
<td>Same as 4</td>
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</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>
</tr>
<tr>
<td>COMPUTER SCIENCE AB</td>
<td>CGS 1076 (3)</td>
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<td>Same as 3</td>
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<tr>
<td>ECONOMICS-MACRO</td>
<td>ECO 2013 (3)</td>
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<td>Same as 3</td>
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<tr>
<td>ECONOMICS-MICRO</td>
<td>ECO 2023 (3)</td>
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<tr>
<td>ENGLISH-LANGUAGE</td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3), ENC 1102 (3)</td>
<td>Same as 4</td>
</tr>
<tr>
<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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<tr>
<td>EUROPEAN HISTORY</td>
<td>EUH 1009 (3)</td>
<td>EUH 2000 (3), EUH 2001 (3)</td>
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<tr>
<td>FRENCH-LANGUAGE</td>
<td>FRE 2200 (4)</td>
<td>FRE 2200 (4), FRE 2201 (2)</td>
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</tr>
<tr>
<td>FRENCH-LITERATURE</td>
<td>FRW 3100 (3)</td>
<td>FRW 3100 (3), FRW 3101 (3)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>GERMAN-LANGUAGE</td>
<td>GER 2230 (4)</td>
<td>GER 2230 (4), GER 2231 (2)</td>
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</tr>
<tr>
<td>GOVERNMENT AND POLITICS: COMPARATIVE</td>
<td>CPO 2002 (3)</td>
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<tr>
<td>GOVERNMENT AND POLITICS: UNITED STATES</td>
<td>POS 1041 (3)</td>
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<td>Same as 3</td>
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<td>HUMAN GEOGRAPHY</td>
<td>GEO 1400 (3)</td>
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<td>Same as 3</td>
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<td>LATIN LITERATURE</td>
<td>LNW 1700 (3)</td>
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<td>LATIN-VERGIL</td>
<td>LNW 1660 (3)</td>
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<td>Same as 3</td>
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<tr>
<td>MUSIC THEORY (if composite score is 3 or higher)</td>
<td>MUT 1001 (3)</td>
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<td>Same as 3</td>
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<tr>
<td>MUSIC THEORY (if both aural and non-aural sub scores are 3 or higher)</td>
<td>MUT 1111 (3), MUT 1241 (1)</td>
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<td>Same as 3</td>
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<tr>
<td>PHYSICS B</td>
<td>PHY 2053C (4)</td>
<td>PHY 2053C (4), PHY 2054C (4)</td>
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</tr>
<tr>
<td>PHYSICS C: ELECTRICITY AND MAGNETISM</td>
<td>PHY 2054C (4)</td>
<td>PHY 2049C (4)</td>
<td>Same as 4</td>
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<tr>
<td>PHYSICS C: MECHANICS</td>
<td>PHY 2053C (4)</td>
<td>PHY 2048C (4)</td>
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<tr>
<td>PSYCHOLOGY</td>
<td>PSY 2012 (3)</td>
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<td>Same as 3</td>
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<tr>
<td>SPANISH-LANGUAGE</td>
<td>SPN 2200 (4)</td>
<td>SPN 2200 (4), SPN 2201 (2)</td>
<td>Same as 4</td>
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<tr>
<td>SPANISH-LITERATURE</td>
<td>SPW 3100 (3)</td>
<td>SPW 3100 (3), SPW 3101 (3)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>STATISTICS</td>
<td>STA 2014 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
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<tr>
<td>STUDIO ART</td>
<td>ART 1300C (3)</td>
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<td>Same as 3</td>
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<tr>
<td>UNITED STATES HISTORY</td>
<td>AMH 1000 (3)</td>
<td>AMH 2010 (3), AMH 2020 (3)</td>
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<tr>
<td>WORLD HISTORY</td>
<td>WOH 1022 (3)</td>
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<td>Same as 3</td>
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¹ LIT 1005 will be awarded if student has already received credit for ENC 1102.
# IB Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

<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>
</tr>
</thead>
<tbody>
<tr>
<td>BIOLOGY</td>
<td>BSC 1005C (3)</td>
<td>BSC 1005C (2), BSC 2010 (3), BSC 2010L (1)</td>
<td>Same as 5</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>CHM 1020C (3)</td>
<td>CHM 1020C (2), CHM 1045 (3), CHM 1045L (1)</td>
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</tr>
<tr>
<td>EXAM NAME</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
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<td>PHYSICS</td>
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<td>PHY 2053C (2), PHY 2054C (4)</td>
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<td>ANT 2410 (3), ANT 4930r (3)</td>
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<td>THE 2000 (3), THE 3930r (3)</td>
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<td>ART 1300C (3), ART 3930r (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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<tr>
<th>EXAM</th>
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<th>MINIMUM</th>
<th>B-LEVEL PASS</th>
<th>MINIMUM</th>
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<td>Accounting, Principles of</td>
<td>ACG 2001</td>
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<td>Algebra, College</td>
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<tr>
<td>Algebra/Trigonometry, College</td>
<td>MAC 1147</td>
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<td>American Government</td>
<td>POS 1041</td>
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<td>American Literature</td>
<td>AML 1000</td>
<td>3 ( )</td>
<td>AML 2010, AML 2020</td>
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<tr>
<td>Biology, General</td>
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<td>Business Law, Introduction to</td>
<td>BUL 2241</td>
<td>3 ( )</td>
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<tr>
<td>Calculus with Elementary Functions</td>
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<td>English Composition with Essay</td>
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<td>AMH 2010</td>
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<td>History of the US from 1865</td>
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<td>DEP 2004</td>
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<td>ECO 2013</td>
<td>5 (4)</td>
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<td>Management, Principles of</td>
<td>MAN 2021</td>
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<td>Marketing, Principles of</td>
<td>MAR 2011</td>
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<td>Mathematics, College</td>
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### Foreign Language Exams

- **French**
  - Level 1: FRE 1120 (4) [50]
  - Level 2: FRE 1120 (4), FRE 1121 (4) [52]
  - Level 3: FRE 1120 (4), FRE 1121 (4), FRE 2992 (4) [66]

- **German**
  - Level 1: GER 1120 (4) [50]
  - Level 2: GER 1120 (4), GER 1121 (4) [53]
  - Level 3: GER 1120 (4), GER 1121 (4), GER 2992 (4) [66]

- **Spanish**
  - Level 1: SPN 1120 (4) [50]
  - Level 2: SPN 1120 (4), SPN 1121 (4) [56]
  - Level 3: SPN 1120 (4), SPN 1121 (4), SPN 2992 (4) [68]
The Florida State University has a long history of providing recognition and support for outstanding students. The University is the home of the first Phi Beta Kappa chapter in Florida. Through honors programs and honor societies, the University encourages excellence in all of its students. On Honors Night and throughout Honors Week, the University salutes students who have received institution-wide recognition for academic achievement.

The University’s tradition of holding a ceremony honoring students for their academic achievements extends back over 60 years. The first “Honors Night” at the University was in 1936, and Honors Night continues to be held on the Thursday of the next-to-last week of classes in each Spring semester. Honors Week is an extended period, centering on Honors Night, of scholarly awards and activities when departmental and college honor groups hold their individual introductions to their academic honor societies.

The information below provides an overview of the University Honors Program and a brief introduction to the academic honor societies.

University Honors Office

Director: Paul D. Cottle;
Associate Director: Diane J. Dowling;
Assistant Directors: Jeanette Adams Dummer, Kathyrine Scheuch

http://honors.fsu.edu

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 reflect the University’s strengths in teaching, research and community service.

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 Program). 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 sections of regular courses and honors seminars. Most 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 courses and are 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 Program.

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 remaining of the eighteen (18) semester hours of honors credit required for the medal through projects that count toward 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 Program. To count toward the Honors Medallion, the student’s project 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.

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 Program. This request is made using the honors DIS application available from the University Honors Office, or from the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu. The application must be submitted to the University Honors Program Online Organization, which is part of the University’s online learning website, http://campus.fsu.edu.

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 Program 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. 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 Program 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 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 University as freshmen will be invited to apply for the University Honors Program 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 Program application will be mailed automatically to students who meet the eligibility requirements shortly after admission to the University is finalized.

Admission by petition. Students who do not meet the standard Honors admission criteria may petition for admission to the program if they meet or exceed at least two of the following three requirements:
1. 3.70 high school GPA (as calculated by the Florida State University Office of Admissions);
2. A qualifying test score, which may be either 1260 on the SAT or 28 on the ACT; and/or
3. Class rank in the top ten percent of their high school graduating class.

Interested students who meet two of these three standards should contact the University Honors Office via e-mail at honors@fsu.edu to request an honors application after they have been admitted to the University.

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 will receive automatic 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. The Honors Residence Complex is also the setting for many honors extracurricular activities.

Students admitted into the University Honors Program may request housing in either of the Honors Residence Complex halls (Dorman 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 Dorman 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. Students in the Honors Program may not participate in the Bryan Hall and Broward Hall living-learning communities. If invited to join the University Honors Program and the Bryan or Broward living-learning community, a student may participate in only one of these programs. Please refer to the “Housing” chapter of this General Bulletin for additional information concerning the Dorman-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 program goal 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 Directing Professor and two or three other faculty members who serve on the student’s honors thesis committee. The Honors thesis project culminates with the defense before the honors thesis committee.

Admission Requirements for Honors in the Major

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 or more years old, as long as the most recent sixty (60) semester hours average 3.20; for transfer students, the recent 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 Honors in the Major Program also should check with their academic major advisors.

The semester before starting 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 directing professor, and the support of the academic department. Detailed information on procedures for initiating and completing the Honors in the Major Program can be found at the program website, http://honorsinthemajor.fsu.edu.

Completion of the Honors Thesis

Typically, each student in the program works on the thesis project for two or three 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 credits and must receive at least a “B–” in each of these courses. 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.

Each student in the program works with a faculty advisory committee comprised of a directing professor from the major, one additional professor from the major, and one professor from another department. The directing professor is the instructor of record for the honors thesis credit for which the student is registered, but all three professors contribute their expertise. An additional professor in the major may be added to the committee at the discretion of the student and directing professor. Committee members must be full-time tenured or tenure-track faculty. A visiting scholar may be included on the committee if approved by the Director of the University Honors Program.

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 three professors on the committee. Students also must submit a brief progress report at the end of each semester 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 faculty committee. Following a successful defense, the student must submit one bound hard copy and one electronic copy of the completed thesis to the University Honors Office no later than the Friday before finals week of the semester in which the student graduates. The bound copy must bear the faculty committee members’ original signatures on the title page. The University Honors Office places the bound copy of the thesis in a permanent collection in Strozier Library. The electronic copy is archived by the University Honors Office. Further details and specific deadlines are available from the University Honors Office or at the Honors in the Major website at http://honorsinthemajor.fsu.edu.

Academic Honor Societies

The Florida State University sponsors chapters of many academic honor societies, some University-wide, and some specific to individual disciplines. These societies recognize students who have excelled academically and in some cases provide opportunities for service to the 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. 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 website. 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 colleges or schools. 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 chartered at The Florida State University in 1937. The society has more than 300 chapters throughout the United States with over 700,000 members. Students who have a cumulative grade-point average (GPA) of at least 3.5 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 undertakes several service projects, including peer academic advising.

Leadership/Scholastic Societies

The W.E.B. DuBois Honor Society, organized in 1991, is named for the black scholar, editor, and activist 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. 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 3.0 cumulative GPA at The Florida State University and must have earned at least two (2) semester hours at the University. Transfer students 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 MAPlhonoros@admin.fsu.edu.

Pi Delta Phi 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 breakfast honoring outstanding Florida State University alumni; participation in the Leadership Summit, in Leadership Awards Night and the newly established 7:50 A.M. Breakfast Club, where faculty, staff and alumni meet with current ODK students to discuss campus issues. The Florida State University chapter has been named “outstanding chapter in its province.” Applications are sought twice a year, and members are chosen on the basis of scholarship (upper thirty percent [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 Honor Society (OASH) was formed in the fall term of 1992 to recognize academic excellence among students of Hispanic heritage. Membership into the OASH shall be granted to those sophomores, juniors, seniors, and transfer students of Hispanic heritage who have attained a 3.0 GPA or above, and who have fulfilled the required service projects. The OASH 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 The Florida State University. It was founded over 50 years ago to foster the growth of student leadership. The society’s annual activities include Torch Night, to recognize the top 100 incoming freshmen and The Ross Oglesby Award, given to distinguish one outstanding faculty member who has dedicated 10 years of service to the University, its students and various community service organizations. To become a member of this organization, contact the Undergraduate Studies Dean’s Office, A3300 University Center, Tallahassee, FL 32306-2460 or call (850) 644-2740 or e-mail MAPlhonoros@admin.fsu.edu.

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 1962.

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 honors organization of the Department of Classical Languages, Literature and Civilization 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 inducted in the spring and fall of each year. Initiation includes a service project.

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). New members are inducted in the spring and fall of each year. Members 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, and an annual poetry 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 (founded in 1926) of Phi Alpha Theta, an honor and professional society dedicated to promoting the study of history. The chapter is open to all history majors, as well as seniors in other departments. Members are invited to participate in a variety of activities, such as history conferences, workshops, and 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 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 credits and GPA, and overall GPA. Both undergraduate and graduate students are admitted. The society participates 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 GPA overall, and at least one year in the Department of Meteorology. Undergraduate students are eligible upon completion of at least twenty-six (26) semester hours of meteorology coursework, and must have at least a 3.5 GPA in all meteorology coursework, a 3.25 or greater GPA overall, and at least one year in the Department of Meteorology. Other criteria apply 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. Invitations 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: L’Académie, Kappa Pi Delta Phi, which has 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.

Gamma Delta Phi Alpha has had a chapter at the University 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. Students are initiated once a year. 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 nine (9) 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 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.

Major in the Dedman School of Hospitality are eligible forEta 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 3.00 overall GPA are eligible to apply at the beginning of each semester.

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 among communication majors; 2) to stimulate and encourage professional development among communication majors; 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 options 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 and sixty (60) hours overall; to 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.

School 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 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 eighteen [18] of which were completed at The Florida State University) with a minimum 3.5 GPA. Graduate students must have twelve (12) semester hours with a minimum 3.5 GPA. New members are initiated at least once a year.

School of Information Studies

Beta Phi Mu, the Library and Information Studies International Honors Society, was founded in 1948, with the headquarters housed in...
the School of Information Studies 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.

**School of Music**

Pi Kappa Lambda is an honor society dedicated to fostering scholarly interest in the theoretical and historical aspects of music and 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 for 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 Eastern 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 1951 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.

**School of Social Work**

The School 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. Undergraduates must have a 3.25 overall GPA with twelve (12) semester hours completed in social work. Graduate students must have a 3.5 overall GPA with nine (9) semester hours completed in social work.
College of Arts and Sciences

Dean: Donald J. Foss; Associate Deans: Joseph McElrath, Joseph F. Owens III, George Weaver

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 College of Arts and Sciences, 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 humanist and the arts—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 and sciences that are essential to 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 offers the largest number of doctoral degrees at the University.

The College of Arts and Sciences comprises 19 departments, 17 centers and institutes, and 11 interdisciplinary programs. In addition to awarding bachelor of science (BS), bachelor of arts (BA), master of science (MS), 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 seven members of the National Academy of Sciences, three 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 a broad spectrum of research opportunities, including a Rhodes Scholarship, Time Magazine and Rotary awards, McKnight and Patricia Roberts Harris Fellowships, 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. Faculty and students from several departments and programs in arts and sciences conduct research on the supercomputer and other large-scale computers at the Scientific Computing and Information Technology. 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 student-run newspapers and also provide 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 sponsors 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 Murphy Hall. Specifically, 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. Specifically within the college, the Uhrgan Scholarship provides a two-year award for an outstanding rising junior majoring in mathematics, physics, or modern languages. The college also offers an award to every major elected as a junior to Phi Beta Kappa. All departments in the college administer undergraduate scholarship and award programs.

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 work, whether they 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 (SU) basis, so long as they meet the University deadline after summer 1983 must have a “C–” or better in each course in Areas I, II, and IV.

Seniors in this area. The University will not take away the “I” will simply remain an “I.”

CLAST. Unless students are exempt, they must show passing scores on all sections of the College Level Academic Skills Test. For exceptions, students should contact the College of Arts and Sciences Office of the Dean.

Course Load. In order to graduate in four years, students should take an average of fifteen (15) semester hours each Fall and Spring semester—unless they are affected by the nine (9) semester hour Summer attendance policy.

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., residence hall physical education courses). Students who have 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.

mineor. 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, and certain science programs with collateral minors. Students completing a double major do not have to complete a minor. Students pursuing two degrees (dual major, 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.

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 a minimum GPA of 3.0 for graduation. Students pursuing two degrees 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 in residence at The Florida State University. Petitions for waivers of this requirement must document unusual 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 student’s University transcript before the degree can be posted.

Incomplete Grades. “F” grades completed after the degree is posted will not be recorded. The “I” will simply remain an “I.”

CLAST. Unless students are exempt, they must show passing scores on all sections of the College Level Academic Skills Test. For exceptions, students should contact the College of Arts and Sciences Office of the Dean.

Course Load. In order to graduate in four years, students should take an average of fifteen (15) semester hours each Fall and Spring semester—unless they are affected by the nine (9) semester hour Summer attendance policy.

Community College Course Work. Please note that students cannot earn transfer credit for community college courses taken before they have completed a bachelor’s degree at a community college. Also, even if students have not already earned the AA, they still may not earn transfer credit for any community college courses taken during their final thirty (30) semester hours at
The Florida State University 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 for exceptions to the general admissions criteria.

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.

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.

**Definition of Prefixes**

**ISC** — Interdisciplinary Natural Science

**PSC** — Physical Science

**SCE** — Science Education

**Interdisciplinary Science Courses**

The following interdisciplinary courses are taught by science faculty from the College of Arts and Sciences. These courses may be taken as undergraduate elective credit. Some departments also include these courses among elective hours within the major.

**ISC 2003. Global Change, Its Scientific and Human Dimensions (3).** Prerequisites: Two years high school science, two years high school math. Global environmental change, scientific and human dimensions, and international public policy implications.

**ISC 3076. Science, Technology, and Society (3).** Prerequisite: Junior standing or instructor permission. 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 vs. 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 flourishes. This course cannot be used as credit toward a major or minor in a science department.

**PSC 2800C. Earth Science for EC/EE Teachers (4).** This course is designed for prospective elementary and early childhood education majors. The course integrates geology, oceanography, and meteorology with the laboratory integral to the course. Students will work in groups in a hands-on, minds-on approach to learning earth science.

**PSC 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 with the laboratory integral to the course. Students will work in groups in a hands-on, minds-on approach to learning physical science.

**SCE 4539C. Seminar in Contemporary Science, Mathematics and Science Education (1).** Presentation on current or otherwise interesting issues in science, mathematics, or teaching methods. Content of course will vary from semester to semester. May be repeated to a maximum of four (4) semester hours.

**Teacher Education Requirements**

The College of Arts and Sciences secondary science and/or mathematics teaching major require students to complete the following for admission into its program: 1) the Liberal Studies requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common course prerequisites described in the appropriate department chapter of this General Bulletin; and 3) the requirements for the teacher education program described in the “College of Education” chapter of this General Bulletin. Note: these are State of Florida and university-wide requirements for all students planning to enter a teacher education program. Common prerequisites and total program length at least thirty (30) semester hours. Teacher preparation programs are subject to revision based on changes to Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs and State Board of Education Rule 6A-5.006, Approval of Pre-service Teacher Preparation Programs.

The College of Arts and Sciences 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 for exceptions to the general admissions criteria.

**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.

**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.
COLLEGE OF BUSINESS

Dean: Melvin T. Stith; Associate Deans: Joe D. Icerman, Patrick Marone, E. Joe Nosari

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.

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 a diverse, global, and local business 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.

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 (MS), 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) degree.

At the undergraduate level, students may major in either accounting, entrepreneurship and small business management, finance, hospitality administration, human resource management, 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. Students are encouraged to have at least two years of work experience prior to entering the MBA program.

The master of accounting 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 with a major in management information systems 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 master of science in management program 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 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, marketing, 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. The 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 prerequisite courses for business, should be in areas such as English, communications, social sciences, humanities, and analytical reasoning.

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; and

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)

*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.

- 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)
- MAN 4720 Strategic Management and Business Policy (3)
- MAR 3700 Professional Selling (3)
- QMB 3200 Quantitative Methods for Business Decisions (3)
- RMI 4941 Risk Management/Insurance (3)

* 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 2004, but not in sufficient time to meet publication deadlines, will be effective Fall 2004. 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 week 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 for courses repeated in which they have made a “D” or better;

8. The only College of Business courses offered on a satisfactory/unsatisfactory (S/U) basis are ACG 3949; GEB 1030; HFT 3949r; 4941; MAN 3949r; MAN 4941; and MAR 4941;

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.
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 website, 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 special university-wide requirements for that degree.

**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.

**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.

**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 website, 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 website, 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 equipment for study of the kinesiology of the speech/swallowing mechanism. Measurement techniques include surface electromyography, acoustic measures, 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 Florida State Center for Autism and Related Disabilities (CARD) was established in 1993 and is one of six similar centers in the state. Over 900 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; statistical and content analysis. Some of the labs collaborate on projects.

The interactive communication program also has three computer lab facilities that 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 areas. Building on a solid base of research in communication and interactivity, students learn how to analyze problems and present practical solutions. To this end, the program pursues projects linking people through technology and assisting students with design projects in various areas, including website, and CD-ROM development. Expertise in these areas will be among the most important skills of new communication professionals.

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.vfs.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 the 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.
School of Criminology and Criminal Justice

Dean: Thomas Blomberg, Director of Undergraduate Studies, Criminology, and Criminal Justice: Laura Bedard

The Florida State University has one of the oldest criminology programs in the world. Starting as a nondegree concentration in the School of Social Welfare in 1953, the program rapidly expanded and became the Department of Criminology and Corrections in the School of Social Welfare in 1956. The bachelor’s degree program, master's program, and a joint doctoral program with sociology were established in 1956. An independent doctoral program in criminology was authorized by the Board of Regents in 1971. This independent doctoral program was the first PhD program in criminology established in the state of Florida. In 1973 the department became the School of Criminology. In 1991 the school was renamed the School of Criminology and Criminal Justice. The School of Criminology and Criminal Justice is located in the Hecht House.

At the Florida State University, the discipline of criminology and criminal justice is viewed broadly as encompassing the scientific study of crime, criminals, the lawmaking process, the criminal justice system, crime prevention, and the treatment of offenders. The program is interdisciplinary and integrative in nature, drawing upon many different disciplines and paradigms for theoretical and methodological approaches. Among these disciplines are sociology, psychology, political science, economics, anthropology, geography, public administration, urban studies, demography, history, philosophy, biology, social work, and law.

The criminology and criminal justice program focuses both on theory and on practice in the belief that neither stands alone. Sound practice demands sound theory, and theories are developed and modified through careful study as they are put into practice. Based on this perspective, the undergraduate program prepares individuals for a career in the criminal justice system, or some related field, or for additional study at the graduate level in criminology or law.

The School 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 the doctor of philosophy (PhD) degrees. An accelerated bachelor’s to master’s degree program is offered in criminology and criminal justice for eligible students. A distance learning master’s of science degree program is available for professionals with at least two to five years of experience. In addition to general criminology degree programs, a dual master’s degree program is offered with the School of Public Administration and Policy. For undergraduates, certificates are available in corrections, law enforcement, and security administration. Evening programs are offered for undergraduate and graduate students.

Students majoring in criminology and criminal justice have an important opportunity for hands-on experience that is afforded by the school’s internship program. The Florida State University’s location in Tallahassee affords direct access to extensive research and employment opportunities. Tallahassee is home to various state and federal courts as well as several state correctional facilities, drug treatment facilities, a federal prison, and a variety of private sector opportunities. The legislature, governor, cabinet, attorney general, and Department of Corrections, Probation/Parole, and Law Enforcement are located in Tallahassee. Study at the School of Criminology and Criminal Justice provides access to criminological facilities that match or exceed any in the nation.

Requirements

Major Request Process

Students are only admitted to the School of Criminology and Criminal Justice in the Fall and Spring semesters. Students transferring from another institution should complete a major request form to the School of Criminology and Criminal Justice before transferring to The Florida State University.

Minimum Requirements for Acceptance into Major

1. Students must be in good academic standing with the University and have an overall GPA of 2.0 on all college course work accepted by The Florida State University;
2. Students must have passed or been exempted from the CLAST examination before applying;
3. Students must have most liberal studies requirements complete; and
4. It is strongly recommended that all Gordon Rule (writing) classes be complete.

Major Request Form

The major request form is available online at http://www.criminology.fsu.edu/.

Note: applicants are encouraged to enroll in courses in a foreign language, sociology, political science, psychology, philosophy, economics, statistics, and writing.

University-wide Requirements

All students of The Florida State University must fulfill the Liberal Studies Program requirements set forth in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Successful completion of CLAST is also necessary. Transfer students who have earned an associate in arts degree from a Florida public community college or state university will be considered to have met the liberal studies requirement.

Academic Performance and Retention

The School of Criminology and Criminal Justice reserves the right to discontinue enrollment of any student in the major at any time if satisfactory academic progress is not being made. Specifically, majors in the School of Criminology and Criminal Justice must make a “C-” or better in the five (5) core classes. A student who applies for readmission 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 five (5) core courses (see below). An optional one-semester full-time (twelve [12] semester hour) internship is available. If a student chooses to take the internship, only three (3) of the twelve (12) 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 School 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 The Florida State University in the School of Criminology and Criminal Justice; the University requires the last thirty (30) semester hours prior to graduation be taken at The 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 (CCI 3011), Law Enforcement (CJE 3110), Courts (CJL 3510), Corrections (CJL 3010), and Introduction to Research Methods in Criminology (CCI 4700). The core courses are expected to be taken at The 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 3011, 4700; CJC 3010; CJE 3110; CJL 3510) 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 The Florida State University. Students cannot take CCJ 4905r, Directed Individual Study, 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 School of Criminology and Criminal Justice offers three certificate programs: corrections, law enforcement, and security administration.

Honors in the Major

The School 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 School 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 School of Criminology and Criminal Justice. Students must still apply to and meet all graduate requirements of the graduate program.

Student Activities

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 each academic year, in the Mary M. Harris Student Support Services Center in Hecht House. In addition to the application, students must supply an unofficial transcript. A faculty 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, and Rob Williams memorial scholarships. In addition, the Joe Harris Memorial Award is presented yearly to an outstanding graduate teaching assistant.

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 school or from the University’s Office of Financial Aid.
COLLEGE OF EDUCATION

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 continuous 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.

Dean: Richard C. Kunkel; Executive Associate Dean: Steve Rollin; Associate Deans: Carolyn Herrington, Lee Jones

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 educational technology
Graduate certificate in human performance technology
Graduate certificate in online instructional development
Graduate certificate in program evaluation

Department of Elementary and Early Childhood Education
Early childhood education +
Elementary education +
Reading education/language arts*

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

Department of Special Education
Emotional disturbances/learning disabilities + Mental Disabilities + Rehabilitation services Special education*
Visual disabilities +
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

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* graduate only
+ limited enrollment
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 admissions 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 (this requirement cannot be waived or met by alternative means); and
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;
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 conferment 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 professional 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 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 University 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 Partnerships**

**Director:** Charlotte S. Minnick

The Office of Clinical Partnerships 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 carrying out the student-teaching experience. The Office of Clinical Partnerships 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 at the rate of at least two representing the same academic program. Academic programs may, at their discretion, establish a minimum group size greater than two and restrict placement to particular counties among those identified. Exceptions to this policy will be made only through successful appeal on the part of a student to the University Student Teaching Appeals Committee. Student teachers representing the programs of human sciences, communication disorders, visually impaired, music, and vocational home economics education 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 departmental policy. Students who are interested in University teacher education curricula should consult their respective academic programs for information on placement.

Academic programs are expected to inform students of departmental policies well in advance of the semester of student teaching so that students may have the opportunity to plan appropriately.

Applicants are specifically not guaranteed assignment to their home county nor to the immediate and general vicinity of the campus. Submission of an application by a candidate constitutes an agreement to accept assignment 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 state of Florida. Candidates are also expected to complete the requirements of the program in which they are participating and to maintain the standards as expressed in the pertinent school law. Failure to meet these standards may result in the candidate’s denial of placement. Final, 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 Partnerships according to the following schedule:

**Note:** Application materials are available online at [http://www.coe.fsu.edu/student/teaching/forms.html](http://www.coe.fsu.edu/student/teaching/forms.html). In addition, all student teachers are required to purchase a student teaching handbook for their cooperating teacher.

**Third Monday in September** for spring semester student teachers;
**Second Monday in February** for fall semester student teachers;
**First Monday in April** for summer term student teachers (restricted).

**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 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/Experience Curricula’ prior to student teaching;
4. Achieve an overall GPA of 2.5 in all upper-division curve 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 inclusion 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 toward engaging ethnic student’s participation in academic and social settings. Our retention efforts include workshops, symposiums, forum discussions, and academic support through the Foundation of Under-represented Students in Education (FUSE) program.
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 paths, according to personal ambitions, interest, and abilities. The student may pursue a bachelor’s degree (BS) in any of the college’s programs 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 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 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.

### Library

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 joint program between Florida Agricultural and Mechanical University and The Florida State University, 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 600 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 contain the college’s gigabit fiber-optic backbone with 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 to 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 the 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 scanner connected 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 3-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 Sciences and Information Technology (CSIT), FSU Academic Computing and Network Services (ACNS), 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.

Opportunities

A limited number of scholarships are available for qualified students. The college also has a satellite office of The Florida State University Career Center to assist students in obtaining internships, co-op jobs and permanent employment with employers nationwide.

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 universities, 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 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. This requirement may be waived for transfer students at the discretion of an academic advisor; and

3. A grade of “C” or better will be required in EGN 1004L in order to register for any 2000-level or above engineering course for which this is a prerequisite. One repeat is permitted to meet this requirement.

Admission to an Engineering Major

Students must achieve a GPA of 2.5 or better in calculus I, calculus II, physics I, and chemistry I to be admitted to an engineering major. A student may exclude one repeated attempt in any one of these courses when calculating his or her GPA. Students who achieve a GPA in the range of 2.3 to 2.5 may be admitted by an academic department chair after completing additional requirements. Students who achieve a GPA below 2.3 in those four courses cited above will not be admitted into any engineering major. Assignment of discipline-specific engineering major codes will not occur until the student has been formally admitted into the college.

Course Grade Requirement and Practice

1. It is the practice of the College not to use “plus and minus (+/–)” grading for any 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). A grade of “I” can only be given to a student who is passing a course and who has completed at least one-half of the course work by the end of the term. 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 more than three (3) repeated engineering course attempts, will be suspended from the engineering program and will not be permitted further registration in the engineering curriculum. A course for which the grade forgiveness policy has been used is still counted as a repeated course.

Engineering Grade Forgiveness Policy

An undergraduate engineering student may improve his or her overall GPA by repeating a course in which a grade of “D” or “F” was received and request that the repeat grade be the only one counted in the GPA calculation. Only two (2) such requests are available to an engineering student during the student’s undergraduate career. A course for which the grade forgiveness policy has been used is counted as a repeated course.

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.

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. An engineering student who desires to withdraw from or drop a course after the deadline must have the request evaluated by the College Council of Academic Program Coordinators (CAPC) before a decision is rendered by the engineering dean. All requests for a retroactive withdrawal/drop must be made within one semester of the original course attempt; and

2. A course approved for withdrawal/drop implies the removal of the course attempt. However, a student with three (3) or more courses designated withdrawals/drops will not be allowed to enroll in further engineering courses until he or she has met with an academic advisor to determine what steps are needed to improve the student’s academic persistence.

Engineering Academic Progress Policy

Students are encouraged to make a strong commitment to their engineering studies by making those sacrifices necessary to ensure their academic success. A student who has
more than three (3) repeated courses will be suspended from the engineering program and may not register for additional engineering course work. A suspended student, however, is eligible to petition for return into the engineering program. The College of Engineering Council of Academic Program Coordinators (CAPC) will review each applicant. If the student is granted reinstatement, CAPC will determine the conditions the student must satisfy to continue in the engineering program. Any student who does not meet his or her conditions for reinstatement will be dismissed from the engineering program. He or she may not register for engineering course work and may not apply for an additional reinstatement to engineering.

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.

Transfer Students

Students who plan to enroll in another institution for the first two years and then transfer into the college should use great care in selecting freshman and sophomore course work. They should include as many courses as possible from the engineering core. Students are advised to consult with the College of Engineering as early as possible concerning their first two years of study. In general, a transfer student must satisfy the same requirements in engineering and related areas as students who take all their course work at the College of Engineering.

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. Therefore, the student must take a total of twenty-three (23) 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>
</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 Lab*** (1)</td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics** (4)</td>
</tr>
<tr>
<td>EGN 2123</td>
<td>Computer Graphics for Engineers* (2)</td>
</tr>
<tr>
<td>EGN 1004L</td>
<td>First Year Engineering Laboratory (1)</td>
</tr>
<tr>
<td>EGN 3613</td>
<td>Principles of Engineering Economy* (2)</td>
</tr>
<tr>
<td>EML 3100</td>
<td>Thermodynamics* (2)</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>

*Except for chemical and mechanical engineering majors.

**Except for mechanical engineering majors.

***Except for electrical engineering 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

EEL 3003. Introduction to Electrical Engineering (3). Prerequisites: MAC 2312; PHY 2048. Corequisite: EEL 3003L. This course is an introduction to electrical engineering concepts for nonelectrical engineering majors. It covers a broad range of topics, including basic circuit theory, semiconductor devices, microprocessors, instrumentation amplifiers, and machines.

EEL 3003L. Introduction to Electrical Engineering Laboratory (1). Prerequisites: MAC 2312; PHY 2048. 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.

EGM 3512. Engineering Mechanics (4). Prerequisites: MAC 2312; PHY 2048. Corequisite: MAC 2313. Course topics include statics and dynamics of particles and rigid bodies using vector analysis, free body diagrams, equilibrium of particles and rigid bodies, particle and general rigid body motion, work/energy, impulse and momentum methods.

EGN 1004L. First Year Engineering Laboratory (1). An emphasis on student time management, a variety of products and processes, and computer-aided problem solving. Product/process involves sketching and drawing pertinent diagrams by hand, and learning the history and engineering concepts involved.

EGN 2123. Computer Graphics for Engineers (2). Prerequisite: MAC 2311. Course covers principles of engineering graphics: visualization, spreadsheet applications, graphical calculus, and descriptive geometry. Also introduces the engineering design process and CAD systems.


EML 3100. Thermodynamics (2). Prerequisites: MAC 2312; PHY 2049. An introduction to engineering thermodynamics; basic concepts, properties of pure substances, work and heat, first and second laws of thermodynamics, closed and open systems, formulations, engineering applications.
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 the years has grown in size and breadth, specializes in addressing urgent issues in society, including 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 well sought after 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.

The college has three endowed eminent scholar chairs, including the Mack and Effie Campbell Tyner Eminent Scholars: Konrad Bloch (deceased), John Kinsella (deceased), William Ruben, William Jerome Vereen, Richard Lerner, James Banks, Richard Palmiter, Susan Watkins; Dean Emerita: Margaret A. Sitton.

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.

Although all students are registered in undergraduate studies for the first two years, students who expect to major in the College of Human Sciences should follow the curriculum outlined for their major during this time. This is to ensure readiness for advanced courses when students transfer to the College of Human Sciences.

To transfer from undergraduate studies into one of the departments in 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.

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.

Although all students are registered in undergraduate studies for the first two years, students who expect to major in the College of Human Sciences should follow the curriculum outlined for their major during this time. This is to ensure readiness for advanced courses when students transfer to the College of Human Sciences.

To transfer from undergraduate studies into one of the departments in 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.

Department of Nutrition, Food and Exercise Sciences

Foods and Nutrition with majors in: Dietetics; Nutrition and Fitness; and Nutrition and Food Science

General Human Sciences with major in: Athletic Training/Sports Medicine; and Exercise Science

Department of Textiles and Consumer Sciences

Clothing, Textiles and Merchandising with majors in: Apparel Design and Technology; Merchandising; Housing; and Textiles

Interdepartmental Programs

General Human Sciences

College of Human Sciences
Sciences, the student must have an academic average of “C” or better and a passing score on the CLAST exam.

The University’s requirements for liberal studies allow some selection of courses. These should be chosen in consultation with the academic adviser in the College of Human Sciences in order that the requirements of the major curriculum may be met.

**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.

**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.)
SCHOOL OF INFORMATION STUDIES

Dean: Jane B. Robbins; Associate Deans: Kathleen Burnett, Don Latham; Assistant Dean: Bob Brooks

The field of information technology includes some of the most diverse and fascinating professional opportunities available today. Graduates in this field work in positions ranging across a wide variety of disciplines such as design, implementation, and use of information systems. Information professionals are engaged in the business of helping other people locate, use, and understand the information they need for daily living and decision making. The current emphasis on the information sector of our economy makes this an exciting field of study.

Information technology offers the opportunity to blend the basic human need for information with involvement in cutting-edge technology and the development of systems for acquiring, storing, organizing, and delivering information. The tasks of fitting information systems to human needs rather than requiring human needs to fit information systems is the critical function of the information professional.

Information professionals are found in such areas as:

- Information Services and Support
- Network Management
- Network Services
- Usability Analysis
- End-user Training
- Information Product Evaluation
- Information Technology Planning
- Website Development and Administration
- Information Architecture

This important and fascinating field has experienced tremendous growth in recent years. As such, it offers diverse and challenging opportunities for working with emerging technologies from a humanistic point of view.

The school offers a bachelor of science (BS) degree in information studies, a master of science (MS) degree in library and information studies, a specialist (S) degree, and a doctor of philosophy (PhD) degree.

The School of Information Studies at The Florida State University was established in 1947 as a professional school and has been one of the top-ranked programs in the nation for many years. The master’s degree program is accredited by the American Library Association and the school is a member of the Association for Library and Information Science Education (ALISE).

Requirements for All Incoming Students

All new main campus undergraduate students who enter the School of Information Studies beginning in Fall 2003 are required to provide their own laptop computer and the appropriate software. Specific information may be found on the school’s website at http://www.lis.fsu.edu.

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:

- MAC 1105 College Algebra (3)
- CGS 2060 Computer Literacy (3)
- COP XXXX Computer Programming course in C, C++ or Java (3)

For additional information concerning undergraduate degree programs, please refer to the school’s website at http://www.lis.fsu.edu.

Core Program

To major in information studies, a student must complete a minimum of thirty-six (36) semester hours in information studies, including the core courses:

- LIS 3201 Information Needs and Preferences (3)
- LIS 3267 Information Science (3)
- LIS 3353 Technologies for Information Services (3)
- LIS 3602 Information Sources and Services (3)
- LIS 4276 Quantitative Methods in Information Studies (3)
- LIS 4351 Interface Design (3)

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 School of Information Studies, 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 studies.

Facilities

The School of Information Studies 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 information studies 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.
Prelegal Education

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.

Degree Program

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.

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. The Law School Admissions Service will rank admission. Application may be obtained from the College of Law or by writing: Law School Admissions Services, Box 2000, Newton, 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. The joint-degree programs are 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 website: http://www.law.fsu.edu.

Summer Program in Law at Oxford

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 Trinity term.

For information write or call: Director, The Florida State University Summer Program in Law, The Florida State University, Tallahassee, FL 32306-1600; (850) 644-4578; or log on at http://www.law.fsu.edu/academic_programs/international_law/oxford.
The Florida State University College of Medicine provides academic advising and counseling to students interested in pursuing careers in the health professions. Currently, over one thousand 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-medical, pre-optometry, 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.

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 408 at the College of Medicine to set up an appointment with a health professions advisor.

The Pre-health Professions Advising Office

The Pre-health Professions Advising Office is located in Suite 408 at the College of Medicine. The office is open Monday through Friday from 8:30 AM to 5:00 PM.

Admission Requirements

All inquiries regarding admission should be sent to the College of Medicine. The Florida State University, Tallahassee, FL 32306-4300, or via email at medadmissions@med.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 have completed the required eight prerequisite courses, should be a time for students to discover if they have the same standard list of prerequisites, and should have completed the observed student clinical examination (OSCEs), and must have passing scores on the United States Medical Licensing Examination (USMLE) Steps 1 and 2.

Further information may be found in the College of Medicine Student Handbook. 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 408 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 member, students must be in the second semester of their sophomore year and have an overall and science GPA of 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 mission of the American Medical Student Association (AMSA) is to provide information, support and leadership for future physicians in training. This organization stresses a strong commitment to service and is open to all FSU students.
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 mission of the International Medical Outreach (IMO) is to unite 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 Minority 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 Florida State University 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 information is available through the Health Profession 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 Health Profession 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 Club is a student organization for those interested in pursuing a career in pharmacy.
SCHOOL OF MOTION PICTURE, TELEVISION, AND RECORDING ARTS

Dean: Frank Patterson

The School 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 tape workshops and on-site equipment, teaching and graduate and undergraduate thesis films.

The expertise of the Film School’s faculty reflects the direction and range the school will take in the future. Mr. Frank Patterson, Dean of the School of Motion Picture, Television, and Recording Arts, has more than 20 years of 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, editing, sound recording, and production management, as well as film history, theory, and film aesthetics.

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 selective. Students may be accepted into the program at the freshman level or transfer in once seventy-five percent (75%) of the liberal studies requirements have been completed.

Complete 16mm film production and editing facilities, a multitrack recording studio with music-scoring capabilities, screening rooms, on-site equipment, teaching and management support, as well as a well-stocked video, laserdisc, and DVD library, 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.

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 craftspersons in the professional film and video production industries. Students work in production teams on narrative/dramatic films with each film being written, storyboarded, produced, directed, December Design for the arts, to be considered 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 flexible and disciplined atmosphere in which individuals can hone their talents, develop a body of work, and sharpen their capacities to work in teams.

Admission to the Undergraduate Program

Admission to the School of Motion Picture, Television, and Recording Arts is limited access, making admission selective and competitive. Approximately 15 freshmen and 15 transfer students are admitted each year as film majors.

Applicants must make application to and meet the requirements of The Florida State University Office of Admissions, as well as submit a separate application to the School of Motion Picture, Television, and Recording Arts by December 15th for the applicant to be considered for admission the following fall semester. Applications are available online at http://filmschool.fsu.edu.

Admission to the Graduate Program

Admission to the School of Motion Picture, Television, and Recording Arts Graduate Film Conservatory is also of limited access, with 24 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. 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 School of Motion Picture, Television, and Recording Arts by December 15th for the applicant to be considered for admission the following fall semester. Application are available online at http://filmschool.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 School 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 creativity in music. Further, the school maintains the highest quality faculty, students, curriculum, and facilities.

Numerous concerts and recitals are offered by the School 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 School of Music sponsors many faculty solo recitals as well as a faculty chamber music series. Of particular interest to the music student are bi-weekly student recitals, certificate and degree recitals, and programs sponsored by music honoraries. An artists’ list and monthly calendar of School of Music programs and other cultural activities on campus are available upon request from the coordinator of music publicity in the School of Music.

The following honorary societies and professional fraternities are sponsored by the School 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 School 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 School 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 School 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 School 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 School of Music; and 3) an approved placement audition level on an acceptable instrument or voice. Detailed information can be obtained from the School of Music’s undergraduate studies office.

The following are the graduate degrees offered by the School 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 School of Music.

 Facilities

Music Facilities

The School of Music enjoys excellent teaching, research, and performance facilities. The two School of Music buildings are located on Copeland Street on the East side of the campus. The Kuersteiner Building, completed in 1948 and recently renovated, is a four-story structure that is connected to the Wiley L. Housewright Music Building, which was completed spring 1979. The School of Music also occupies a number of offices in the Longmire Building. These buildings house the administrative offices; teaching studios; the chorus; 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 Donhanyi 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.

Library

The Warren D. Allen Library is conveniently located in the Housewright Building, where it serves the students and faculty of the School 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.
Organizations

A restored English chamber organ built by Hill and Davison in 1837–38 is available to organ students for practice and performance.

Certificate Programs

In addition to the degree programs, the School 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 computers in music
- Certificate in early music
- Certificate in music of the Americas
- Certificate in world music
- Certificate in jazz studies
- Graduate Certificate in college teaching
- 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 School of Music’s undergraduate or graduate studies offices.

School of Music Majors

Music therapy equivalency

Special Events

The School 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 School of Music’s publicity office or the school’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 School of Music enjoys the residencies of visiting scholars each year through the Lucilla and Wiley Housewright Eminent Scholar Chair in Music.
- Housewright Scholar Residencies. The School of Music enjoys a continuing residency of a Professor of Voice through the Lucille P. and Elise B. Housewright, Eminent Scholar Chair in Music.
- Summer Music Camps. Each year the School of Music provides a performance institute for high school and junior high school musicians.
- Other Special Events. The School of Music regularly hosts various conventions and workshops, presents festivals, and gives special courses.
- Work-Study. Students eligible for work-study through the Office of Financial Aid may request employment through the School of Music.
- Faculty Citations. The School of Music may award faculty citations to outstanding students who are pursuing the baccalaureate degree or to graduates who hold a baccalaureate degree from the School of Music. These citations bear the names of distinguished former members of its faculty: the Ernst von Dohnanyi citation for excellence in performance or composition; the Ella Scoble Opperman citation for distinguished achievement in the teaching of music and outstanding leadership; and the Warren D. Allen citation for excellence in scholarship. With faculty approval, additional citations may be awarded to graduates who hold master’s or doctorate degrees from the School of Music.
- Scholarships/Awards. School 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. School of Music scholarship assistance ranges from $500.00 to $2,500.00 for in-state students and $500.00 to $9,700.00 for out-of-state students. All undergraduate music major applicants are considered for School of Music financial assistance when they audition, provided they audition no later than the deadline established annually by the School of Music.

Additional information regarding School of Music financial assistance may be obtained from the School of Music Bulletin or by contacting the School of Music’s undergraduate studies office.

Requirements

Undergraduate Studies

Program Director: Dr. Ted Stanley

All students working toward the bachelor of music degree 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 three-quarters positive majority (unless otherwise specified by the faculty) 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 School 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). Students may be given a temporary status in applied music during their first semester by placement in undergraduate coaching (MVO 1010, 2020, 3030, 4040).

**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.

**Performance Majors.** A candidate for a bachelor of music degree in performance must select an area of concentration—piano, harpsichord, organ, voice, harp, guitar, or a string, woodwind, brass, or percussion instrument—and follow the curriculum in the chosen area of concentration.

### Curricula Leading to the Bachelor of Music Degrees

**Note:** students are encouraged to obtain specific curriculum guides from the School 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, or a string, woodwind, brass, or percussion instrument—and follow the curriculum in the chosen area of concentration.
 centration. 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 in applied music, harpsichord and organ majors are required to demonstrate proficiency in playing piano accompaniments of medium difficulty (completion of second-year class piano [MV 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-six (36) semester hours and jury competency in applied music, including junior and senior recitals; eight (8) semester hours in keyboard literature; twenty-four (24) semester hours in theory; ten (10) semester hours in music pedagogy and literature; four (4) 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.

**Harp 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; four (4) semester hours in applied music secondary; six (6) semester hours in pedagogy and repertory; twenty-four (24) semester hours in theory; twelve (12) semester hours in music pedagogy 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.

**Voice 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 piano or organ; six (6) semester hours of repertory/continuo playing and pedagogy; twenty-two (22) semester hours in music pedagogy 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.

**Harpsichord 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; ten (10) semester hours of music pedagogy and literature; four (4) semester hours of ensemble; four (4) semester hours of electives; one (1) semester hour of music technology; and thirty-six (36) semester hours of liberal studies.

**Strings Performance Majors (Violin, Viola, Cello, Double Bass).** 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; four (4) semester hours of repertory and pedagogy; 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; eighteen (18) semester hours of composition; ten (10) semester hours of music history and literature; student recital attendance; six (6) semester hours of electives; six (6) semester hours of ensemble; two (2) 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.

Candiates for the bachelor of music degree in composition must pursue, and complete by jury exam, the study of a principal instrument through the MV 4341–4346 series. If keyboard is not chosen as the principal instrument, the candidate must fulfill the requirements of the completion of third-year (MV 3131r) class piano. A recital of compositions by the composition major is required during the senior year.

**Music Theory.** Approval by the theory faculty is required for admission. 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; four (4) semester hours of composition; ten (10) semester hours of music history and literature; student recital attendance; two (2) semester hours of electives; two (2) semester hours in movement techniques/dance; twelve (12) semester hours of German; one (1) semester hour of music technology; one (1) semester hour of conducting and thirty-six (36) semester hours of liberal studies.

Candiates for the bachelor of music degree in music theory must pursue, and complete by jury exam, the study of a principal instrument through the MV 4341–4346 series. If keyboard is not chosen as the principal instrument, the candidate must fulfill the requirements of the completion of third-year (MV 3131r) class piano. A senior thesis by the theory major is required during the senior year.

**Music History and Literature.** Approval by the music history and literature 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.
Music Therapy. Total of one hundred thirty-two (132) semester hours: twelve (12) semester hours and jury competency in applied music; six (6) semester hours in applied music secondary; sixteen (16) semester hours of theory; ten (10) semester hours of music history and literature; and class guitar prior to internship. Five (5) semester hours of music history and literature; twelve (12) semester hours of senior project/recital; and thirty-six (36) semester hours of liberal studies.

Piano Pedagogy Majors. Total of one hundred twenty (120) semester hours: twenty-four (24) semester hours and jury competency in applied music; six (6) semester hours in music history and literature; two (2) semester hours in keyboard performance; ten (10) semester hours in music history and literature; and sixty-six (66) 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 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.

Applicants denied admission may appeal during the subsequent semester. Those who reaply 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; three (3) semester hours in applied music secondary; sixteen (16) semester hours of theory; ten (10) semester hours of music history and literature; and class guitar prior to internship. Five (5) semester hours of music history and literature; twelve (12) semester hours of senior project/recital; and thirty-six (36) semester hours of liberal studies.

Bachelor of Music Education—Choral. Total of one hundred thirty-four (134) semester hours: twelve (12) semester hours of applied music; five (5) semester hours of music history and literature; and class guitar prior to internship. Five (5) semester hours of music history and literature; twelve (12) semester hours of senior project/recital; and thirty-six (36) semester hours of liberal studies.

Curriculum Leading to the Bachelor of Arts Degree in Music

Total of one hundred twenty (120) semester hours: eight (8) semester hours and jury competency in applied music; six (6) semester hours of music history and literature; and class guitar prior to internship. Five (5) semester hours of music history and literature; twelve (12) semester hours of senior project/recital; and thirty-six (36) semester hours of liberal studies.

Requirements for a Minor in Music

Admission to the program is by approval of the School of Music and by a placement audition at the principal level on an acceptable instrument or voice.

Music Minor. Total of twenty-five (25) semester hours: four (4) semester hours in applied music; twelve (12) semester hours of theory; seven (7) semester hours of music history and literature; and twelve (12) semester hours of ensemble; and two (2) semesters of student recital attendance.

Admission to the program is by approval of the School of Music and by a placement audition at the principal level on an acceptable instrument or voice.

Music Minor. Total of twenty-five (25) semester hours: four (4) semester hours in applied music; twelve (12) semester hours of theory; seven (7) semester hours of music history and literature; and twelve (12) semester hours of ensemble; and two (2) semesters of student recital attendance.

Admission to the program is by approval of the School of Music and by a placement audition at the principal level on an acceptable instrument or voice.

Music Minor. Total of twenty-five (25) semester hours: four (4) semester hours in applied music; twelve (12) semester hours of theory; seven (7) semester hours of music history and literature; and twelve (12) semester hours of ensemble; and two (2) semesters of student recital attendance.
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 of science in nursing (BSN), the master of science in nursing (MSN) and master’s in nursing (MN). For further information on the master of science in nursing program, see the Graduate Bulletin.

The undergraduate program is approved by the Florida Board of Nursing, and both programs are accredited by the National League for Nursing. The mission of the School of Nursing is to prepare students to be caring professionals who will provide holistic nursing care to a variety of individuals, families, and communities.

Graduates 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 perspective;
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 undergraduate program is approved by the Florida Board of Nursing, and both programs are accredited by the National League for Nursing. The mission of the School of Nursing is to prepare students to be caring professionals who will provide holistic nursing care to a variety of individuals, families, and communities.

Graduates of The Florida State University School of Nursing undergraduate program are to educate students who will be:

Facilities

There are a variety of clinical laboratory settings utilized for meaningful learning experiences. Tallahassee Memorial Regional Medical Center, Florida State Hospital, Elder Care Services, Apalachee Community Mental Health Center, Leon County Public Health Unit, Tallahassee Community Hospital, 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. All experiences are under the direction of the faculty of The Florida State University School of Nursing.

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.
by the student. 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 each nursing clinical course in which medications are administered. 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 clinical course and must withdraw from the corequisite theory course.

To support the clinical competence 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 three (3) 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 one time. 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 advised to carry the University health and accident insurance. To safeguard the health of clients, nursing students are required to submit proof of health examination and immunizations.

Nursing majors are responsible for transportation expenses related to clinical experiences. They are advised to carry the University health and accident insurance. To safeguard the health of clients, nursing students are required to submit proof of health examination and immunizations.

1. Liberal studies requirements and specific prerequisites as outlined above;
2. Required nursing courses;
3. Required testing throughout the program (a fee, subject to change without notice, must be paid at the time of testing); and
4. Completion of an achievement exam at the benchmark level during Term V.
COLLEGE OF SOCIAL SCIENCES

Dean: David W. Rasmussen; Associate Deans: Robert E. Crew, Jr., Graham C. Kinloch

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 advising students across disciplines.

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 1950s they established the modern study of democracy in the United States.

The Department of Economics, 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, DeVoe 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, and Syde P. Deeb Eminent Scholar Chair in Political Science.

Twelve other faculty have named professorships and about 40 percent of the faculty have won awards for research contributions.

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 Social Work; and a number of graduate degree research units: the Pepper Institute on Aging and Public Policy, the Center for Demography and Population Health, the DeVoe 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, Social Science, International Affairs, Law and Society, Environmental Studies, Russian and Eastern 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 (including public administration), international studies, 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 interdisciplinary programs, 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 center provide personalized assistance 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 Lab 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
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. 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**
- **Interdepartmental Majors**
- **Minors**

**Honors in the Major**

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.

**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 Florida State University has its origins in the early history of the institution with a strong focus on social welfare content 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 Florida State University, the graduate 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 became identified as the School of Social Work and is now 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 School of Social Work is dedicated to the preparation of tomorrow’s social workers. The school’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 School of Social Work is committed to the pursuit and delivery of excellence in social work education. Through teaching, research, and service, the school educates its graduates for productive careers as professional social workers in diverse areas, contributes to the knowledge base guiding social welfare practice and policy decisions, and provides energy to local, state, and national concerns.

The school’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 school’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 school recognizes and values achieving mutuality among diverse community groups, and promotes models of service delivery empowering the poor and disadvantaged and ensuring the social care 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 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 with the approval of the academic adviser. For information concerning eligibility, fees, and other details of these programs, contact the Office of International Programs. Social work majors are encouraged to consider these opportunities for study overseas. Cognates and electives outside the school can be taken at the overseas centers; occasionally social work courses are offered.

### Requirements

#### 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 2.2 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 1502r, 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 1502r, 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 1502r, 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 School 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 Instruction

Field instruction 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 school cover the broad spectrum of social work practice. Currently, the school is affiliated with more than 400 agencies across the state of Florida, in areas of the southeastern United States, and internationally.

Undergraduate field instruction, 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 instruction 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
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 School 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 School 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 Health and Human Services Research

The Board of Regents of the State of Florida University System established the Institute for Health and Human Services 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 School of Social Work at The Florida State University.

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.

Boys’ Choir of Tallahassee

The Florida State University School of Social Work’s Boys’ Choir of Tallahassee is a community outreach program for males who come from all public and private schools throughout the Tallahassee area. The Boys’ Choir of Tallahassee continues to prepare young men for the twenty-first century through music, discipline, and academic excellence. With its motto “No Excuses,” the choir continues to grow in popularity on the local, state, national and international levels.

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 school. 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.
Scholarships and Awards

Richard Burns Scholarship. This scholarship is awarded to a BSW or MSW student in one of social work’s part-time programs. Priority is given to the returning or change-of-career student.

Citrus Health Network Scholarship for Graduate Students. This scholarship is awarded to a full- or part-time graduate student (MSW or PhD) who is interested in working in the behavioral health care field (e.g., mental health and substance abuse), and would consider working in the Miami-Dade County area. A short essay expressing these intentions and goals must be submitted for consideration.

Mark and Lula Hamilton DeGraff Scholarship. This scholarship is awarded to a full-time senior undergraduate, or a full or part-time graduate (MSW or PhD) student who is interested in working with youth and their problems, or intends to conduct research related to factors which influence the growth and development of youth. A letter requesting consideration must be submitted. The written statement’s clarity is a consideration.

Joanna F. Gorman Scholarship. Full-time upper-level undergraduate or graduate students (MSW or PhD) may apply for this scholarship. A statement outlining work or volunteer experience must be submitted summarizing knowledge of, and interest in, one of the following fields: child welfare, maternal and child health, community mental health, or primary prevention in health or mental health. An agreement to take two specialized courses and an internship in the specialization area selected should be included, as well as an intent to work at least one year in the chosen field following graduation. A transcript (unofficial accepted) and two (2) letters of reference which attest to student’s academic achievements, good character, and community service, also must be attached.

Robert P. Hurrle Scholarship for Field Instruction. This is a field scholarship for an undergraduate or MSW student who demonstrates a commitment to practicing social work in either the field of aging or on a military installation, and who also will be completing a field practicum in one of these areas. A statement outlining work or volunteer experience must be submitted, along with course work (if any) taken in the field of aging, financial need, and career goals in aging or military social work. The student should specify which semester field placement will begin.

Margaret H. Jacks Scholarship in Aging. This scholarship is presented to a full- or part-time MSW student in good academic standing. The student must have completed one course on aging or demonstrated a commitment to the field of aging. Students must submit a transcript, a statement of need, a written commitment to field of aging, and list of volunteer or work experiences.

Richard M. King Scholarship in Social Work and Business Administration. Any graduate student who is interested in earning both an MSW and a MBA may apply for this scholarship. Individuals who have previously earned an MSW or MBA still may qualify for this scholarship provided the intent is to pursue the additional degree at The Florida State University. Students should submit a statement outlining eligibility and intent.

Koalska Undergraduate Scholarship. Full-time undergraduate students who demonstrate financial need, and whose parents did not attend college, are eligible for this scholarship. A written statement of eligibility must be submitted.

Jovce Harper Laidlaw Scholarship in Child Welfare. MSW or PhD students who demonstrate dedication and commitment to work in the area of child welfare, and also show financial need are eligible for this scholarship.

Coyle and Mabel Moore Scholarship. This scholarship is awarded to a full-time BSW, MSW, or PhD student. Students should submit a statement showing evidence of good character, citizenship, volunteer work, and financial need.

Sarah Sealey Morrill Scholarship. For a BSW, MSW, or PhD student. Submit a statement of interest in the field of community mental health.

MSW Class of ’75 March Graduates Scholarship. For two-year full-time MSW student interested in community-based practice, advocacy or public policy. Students should submit a statement of interest, including specific evidence of commitment to social justice concerns and attach a transcript (unofficial accepted).

Bernhard Scher Undergraduate Scholarship. This scholarship is available to undergraduate (sixty [60] semester hours completed at college level) social work majors enrolled in social work classes, with an overall GPA of at least 3.5. Submit a letter emphasizing “Social Work Values” not to exceed 1500 words, with a transcript attached (unofficial accepted.)

Guy and Delores Spearman Scholarship. This award is presented to a MSW student from Brevard County with overall GPA of 3.0 or greater. Submit a letter verifying eligibility, with a brief statement of career goals.

Victoria E. Warner Scholarship. This scholarship is available to a MSW student (full or part-time) who is a graduate of Florida A & M University. Submit a written statement of need, and statement of career plans relative to working within the African-American community.

Program Opportunities

The School 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
SCHOOL OF THEATRE

Dean: Steven Wallace; Associate Deans: Bill Byrnes, T. Lynn Hogan

The School of Theatre is a fully accredited member of the National Association of Schools of Theatre, and its degree requirements are in accordance with the latest published regulations of that association. The School of Theatre offers degrees and course work at both undergraduate and graduate levels. To major in theatre, a student must pass a screening process and maintain appropriate standards of achievement. The bachelor of arts (BA) is a flexible, broad-based liberal arts degree, providing a basic knowledge of, and experience in, theatre arts. The bachelor of fine arts (BFA) offers an intensive program of in-depth training in either acting, design/technology or music theatre. An honors program is available for qualified undergraduate students. For further information, contact the Associate Dean for Academic and Student Services, School of Theatre. The master of arts/master of science (MA/MS) degrees offer a blend of academic courses and production training on an advanced level. The master of fine arts (MFA) degree provides training to achieve professional-level competencies in either acting, directing, scene design, costume design, lighting design, technical production, or theatre management. The doctor of philosophy (PhD) in theatre is a research degree that indicates the perfection of individual skills in theatre scholarship.

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 pre-set lightboard, a single channel sound system, a light and sound control booth, green room, two group dressing rooms, and a small scene shop. The auditorium is used as a lecture classroom and demonstration laboratory.

The Lab is a flexible theatre space used in proscenium, 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 proscenium 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.

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 term. In addition, 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 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 in general courses. If the 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 which 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 bachelor of arts 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 for specific information.
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 pre-professional 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, design/technology 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, 4730, 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, 3711r, 4112r, 4512r, 4923r. A minimum of five (5) semester hours of private voice, keyboard, and dance are also required until proficiency is demonstrated in these skills.

Concentration in Design/Technology

Students should contact the School of Theatre for information about the BFA in design/technology.
SCHOOL OF VISUAL ARTS AND DANCE

Dean: Sally McRorie

The School of Visual Arts and Dance is relatively young within the history of the University. Founded in 1973, the school has existed largely as presently constituted since 1978 when the Department of Dance faculty joined the other components of the school: the Department of Art, the Department of Art History, the Department of Art Education, the Department of Interior Design, and The Florida State University Museum of Fine Arts. These academic units offer an extensive program of instruction in all areas of the visual arts and dance. In fact, every level of undergraduate and graduate degree that a university can offer in these areas is represented within the school, including the established terminal degree in each discipline. Accordingly, the school 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 school 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 School of Visual Arts and Dance shares much in common with an independent art 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, art 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 school promotes the visual arts 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, 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 art are therefore viewed as a necessary link in the educational system, both as a learning process and as a means of personal fulfillment. The study and practice of art are therefore viewed as a necessary link in the educational system, both as a learning process and as a means of personal fulfillment.

Requirements of the School

By and large the school has few requirements which 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 school, although minors are offered. Two 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); and 2) the BFA and MFA in dance. 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), two 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. Secondly, 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.

**Honors in the Major**

The School of Visual Arts 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 School of Visual Arts 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 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 School of Visual Arts 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 first-hand experience at the School’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 School of Visual Arts and Dance, as well as many other areas within The Florida State University.

**Accreditation**

The School of Visual Arts 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, and the Foundation for Interior Design Education Research.
THE COMMON 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 common numbering system is used by all public postsecondary institutions in Florida and by 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 and are 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></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>No laboratory component in this course</td>
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</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 34 different postsecondary institutions. Each institution uses “SYG 1010” 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 upon transfer. 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 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 which 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 used to identify the course.

**Authority for Acceptance of Equivalent Courses**

State Board of Education Rule 6A-10.024(19), Florida Administrative Code, reads:

"When a student 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 common course designation and numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of
### COURSE PREFIXES, DEFINITIONS, AND LOCATIONS

#### How to Find a Course:

The following 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 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>
<td>Accounting: General</td>
<td>Accounting, Educational Leadership and Policy Studies</td>
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<td>ADV</td>
<td>Advertising</td>
<td>Communication</td>
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<tr>
<td>AFA</td>
<td>African-American Studies</td>
<td>African-American Studies</td>
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<td>AFH</td>
<td>African History</td>
<td>History</td>
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<tr>
<td>AFR</td>
<td>Aerospace Studies</td>
<td>Aerospace Studies</td>
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<tr>
<td>AMH</td>
<td>American History</td>
<td>History</td>
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<td>AML</td>
<td>American Literature</td>
<td>English</td>
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<td>AMS</td>
<td>American Studies</td>
<td>American and Florida Studies</td>
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<td>Anthropology</td>
<td>Anthropology</td>
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<td>Arabic Language</td>
<td>Modern Languages and Linguistics</td>
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<td>Art Education</td>
<td>Art Education</td>
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<td>ARH</td>
<td>Art History</td>
<td>Art, Art History, Classical Languages, Literature, and Civilization</td>
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<td>ART</td>
<td>Art</td>
<td>Art, Classical Languages, Literature, and Civilization, History</td>
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<td>Asian Studies</td>
<td>Asian Studies</td>
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<td>AST</td>
<td>Astronomy</td>
<td>Medicine</td>
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<td>BCC</td>
<td>Basic Clinical Clerkship</td>
<td>Medicine</td>
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<td>BCH</td>
<td>Biochemistry (Biophysics)</td>
<td>Biological Science, Chemistry and Biochemistry</td>
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<td>BME</td>
<td>Biomedical Engineering</td>
<td>Chemical Engineering</td>
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<tr>
<td>BMS</td>
<td>Basic Medical Sciences</td>
<td>Medicine</td>
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<td>BOT</td>
<td>Botany</td>
<td>Biological Science, Nursing</td>
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<tr>
<td>BSC</td>
<td>Biological Sciences</td>
<td>Biological Science, Nursing</td>
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<tr>
<td>BUL</td>
<td>Business Law</td>
<td>Risk Management/Insurance and Real Estate</td>
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<td>Computer Application Development</td>
<td>Computer Science</td>
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<td>CBH</td>
<td>Comparative Psychology and Animal Behavior</td>
<td>Psychology</td>
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<td>Civil Construction Engineering</td>
<td>Civil Engineering</td>
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<td>CCl</td>
<td>Criminology and Criminal Justice</td>
<td>Criminology and Criminal Justice</td>
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<td>CDA</td>
<td>Computer Design/Architecture</td>
<td>Computer Science</td>
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<td>Civil Geotechnical Engineering</td>
<td>Civil and Environmental Engineering</td>
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<td>CEN</td>
<td>Computer Software Engineering</td>
<td>Computer Science</td>
</tr>
<tr>
<td>CES</td>
<td>Civil Engineering Structures</td>
<td>Civil and Environmental Engineering</td>
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</table>

#### Departments/Programs

- **CGN**: Civil Engineering
- **CGS**: Computer General Studies
- **CHD**: Child Development
- **CHI**: Chinese
- **CHM**: Chemistry
- **CHS**: Chemistry-Specialized
- **CHT**: Chinese Literature in Translation
- **CIS**: Computer Science and Information Systems
- **CJC**: Corrections
- **CJE**: Law Enforcement
- **CJJ**: Juvenile Justice
- **CJL**: Law and Process
- **CLA**: Classical and Ancient Studies
- **CLP**: Clinical Psychology
- **CLT**: Classical Literature in Translation
- **COA**: Home Economics: Consumer Affairs
- **COM**: Communication
- **COP**: Computer Programming
- **COT**: Computing Theory
- **CPO**: Comparative Politics
- **CPS**: Comparative Policy Studies
- **CRW**: Creative Writing
- **CTE**: Home Economics: Clothing, Textiles and Merchandising
- **CWR**: Civil Water Resources
- **CZE**: Czech Language
- **DAA**: Dance, Emphasis on Activities
- **DAE**: Dance Education
- **DAN**: Dance
- **DEM**: Demography
- **DEP**: Developmental Psychology
- **DIE**: Dietetics
- **EAB**: Experimental Analysis of Behavior
- **EAP**: English as a Second Language for Academic Purposes
- **EAS**: Aerospace Engineering
- **ECH**: Engineering: Chemical
- **ECO**: Economics
- **ECP**: Economic Problems and Policy

#### Other Programs

- Civil and Environmental Engineering
- Computer Science
- Educational Leadership and Policy Studies
- Elementary and Early Childhood Education
- Management Information Systems
- Family and Child Sciences
- Modern Languages and Linguistics
- Chemistry and Biochemistry
- Criminology and Criminal Justice
- Classical Languages, Literature, and Civilization
- History
- Psychology
- Textiles and Consumer Sciences
- English
- Interior Design
- Modern Languages and Linguistics
- Dance
- Sociology
- Psychology
- Nutrition, Food and Exercise Sciences
- Middle and Secondary Education
- Mechanical Engineering
- Chemical Engineering
- Economics
- Finance
<table>
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<tr>
<th>Program</th>
<th>Description</th>
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<td>ECS</td>
<td>Economic Systems and Development</td>
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<td>EDA</td>
<td>Education: Administration</td>
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<tr>
<td>EDE</td>
<td>Education: Elementary</td>
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<tr>
<td>EDF</td>
<td>Education: Foundations and Policy Studies</td>
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<tr>
<td>EDG</td>
<td>Education: General</td>
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<tr>
<td>EDH</td>
<td>Education: Higher</td>
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<tr>
<td>EDM</td>
<td>Education: Middle School</td>
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<td>EDP</td>
<td>Educational Psychology</td>
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<td>EDS</td>
<td>Education Supervision</td>
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<td>EEC</td>
<td>Education: Early Childhood</td>
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<td>EED</td>
<td>Education: Emotional Disorders</td>
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<td>EEL</td>
<td>Engineering: Electrical</td>
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<td>EES</td>
<td>Environmental Engineering Science</td>
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<td>EEX</td>
<td>Education: Exceptional Child-Core Competencies</td>
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<td>EGI</td>
<td>Education: Gifted</td>
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<td>EGS</td>
<td>Engineering: Support</td>
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<td>EIN</td>
<td>Industrial Engineering</td>
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<td>ELD</td>
<td>Education: Specific Learning Disabilities</td>
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<td>EMA</td>
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<td>Education: Technology and Media</td>
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<td>EML</td>
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<td>Family Development</td>
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<td>FLE</td>
<td>Foreign Language Education</td>
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<td>FOL</td>
<td>Foreign and Biblical Languages</td>
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<td>FOS</td>
<td>Food Science</td>
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<tr>
<td>FOT</td>
<td>Foreign and Biblical Languages (in Translation)</td>
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<tr>
<td>FROW</td>
<td>Foreign and Biblical Languages, Comparative Literature (Writings)</td>
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<tr>
<td>FRE</td>
<td>French Language</td>
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<td>FRF</td>
<td>French in Translation</td>
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<td>FRT</td>
<td>French in Translation and/or Translation Skills</td>
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<td>FRW</td>
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<td>FSS</td>
<td>Food Service System</td>
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</table>
HSC  Health Sciences  Health Policy Research
Middle and Secondary Education
Nutrition, Food and Exercise Sciences
HUM  Humanities  Humanities
HUN  Human Nutrition  Nutrition, Food and Exercise Sciences
IND  Interior Design  Interior Design
INP  Industrial and Applied Psychology  Psychology
INR  International Relations  International Affairs
Political Science
ISC  Interdisciplinary Sciences  Biological Science
Chemistry and Biochemistry
Meteorology
Oceanography
Psychology
ISM  Information Systems Management  Management Information Systems
ISS  Interdisciplinary Social Sciences  Social Science
ITA  Italian Language  Modern Languages and Linguistics
ITT  Italian Literature in Translation  Modern Languages and Linguistics
ITW  Italian Literature (Writings)  Modern Languages and Linguistics
JPN  Japanese  Modern Languages and Linguistics
JPT  Japanese Literature in Translation  Modern Languages and Linguistics
KOR  Korean Language and Literature  Modern Languages and Linguistics
LAE  Language Arts and English Education  Elementary and Early Childhood Education
English
Middle and Secondary Education
History
LAI  Latin American History  Latin American and Caribbean Studies
LAS  Latin American Studies  Latin American and Caribbean Studies
LAT  Latin (Language Study)  Classical Languages, Literature, and Civilization
LAW  Law  Law
LEI  Leisure  Sport Management, Recreation Management and Physical Education
LIN  Linguistics  Anthropology
Communication Disorders
English
Middle and Secondary Education
LIS  Library and Information Studies  Middle and Secondary Education
Modern Languages and Linguistics
Elementary and Early Childhood Education
Information Studies
LIT  Literature  English
Humanities
LNW  Latin Literature (Writings)  Classical Languages, Literature, and Civilization
MAA  Mathematics: Analysis  Mathematics
MAC  Mathematics: Calculus and Precalculus  Mathematics
MAD  Mathematics: Discrete  Mathematics
Elementary and Early Childhood Education
Mathematics
MME  Mathematics Education  Middle and Secondary Education
Management
Finance
Management Information Systems
Marketing
Multinational Business Operations
MEL  Medical Science Electives  Medicine
MAP  Mathematics Applied  Mathematics
Meteorology
Oceanography
MAR  Marketing  Marketing
Multinational Business Operations
MAS  Mathematics: Algebraic Structures  Mathematics
MAT  Mathematics  Mathematics
MCB  Microbiology  Biological Science
MET  Meteorology  Meteorology
MGF  Mathematics: General and Finite  Mathematics
MHF  Mathematics: History and Foundations  Mathematics
MHS  Mental Health Services  Educational Psychology and Learning Systems
Special Education
Communication
MMC  Mass Media Communication  Molecular Biophysics
MOB  Molecular Biophysics  Military Science
MSL  Military Science and Leadership  Mathematics
MTG  Mathematics: Topology and Geometry  Mathematics
MUC  Music: Composition  Music
MUE  Music Education  Music
MUG  Music: Conducting  Music
MUH  Music: History/Musicology  Music
MUL  Music Literature  Music
MUM  Music: Commercial/Management/Administration  Music
MUN  Music Ensembles  Music
MUO  Music: Opera/Music Theatre  Music
MUR  Music: Church  Music
MUS  Music  Music
MUT  Music: Theory  Music
MUY  Music: Therapy  Music
MVB  Applied Music: Brasses  Music
MVH  Historical Instruments  Music
MVJ  Applied Music: Jazz  Music
MVK  Applied Music: Keyboard  Music
MVO  Applied Music: Other Instruments  Music
MVP  Applied Music: Percussion  Music
MVS  Applied Music: Strings  Music
MVV  Applied Music: Voice  Music
MVW  Applied Music: Woodwinds  Music
NGR  Nursing: Graduate  Nursing
NUR  Nursing: Generic Undergraduate  Nursing
OCB  Biological Oceanography  Oceanography
OCC  Chemical Oceanography  Oceanography
OCE  General Oceanography  Meteorology
OCG  Geological Oceanography  Oceanography
OCP  Physical Oceanography  Mathematics
Oceanography
ORI  Oral Interpretation  Communication
PAC  Peace Studies  International Affairs
PCB  Process Biology  Biological Science
PCO  Psychology for Counseling  Educational Psychology and Learning Systems
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<td>Teaching English as a Second Language</td>
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<td>Transportation Engineering</td>
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<td>Urban and Regional Planning</td>
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<td>URS</td>
<td>Urban and Regional Studies</td>
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ACADEMIC DEPARTMENTS AND PROGRAMS

Department of ACCOUNTING

COLLEGE OF BUSINESS

Chair: Bud Fennema; Andersen Professor: Hillison; Deloitte Professor: Morton; Ernst and Young Professor: Fennema; Professors: Hasselback, Hillison, R.C. Icerman, Reimers; Associate Professors: Bathke, Billings, Dunn, Dusenbury, Fennema, J.D. Icerman, Morton, Paterson; Assistant Professors: Dee, Dartschi, Gerard, Lulseged, Perkins, Pouere, Rai; Visiting Assistant Professor: Baik; Assistants in Accounting: Pierno, Sudano

The Department of Accounting is committed to providing students the general education and technical knowledge necessary to enter the accounting profession and to pursue a successful professional career. The field of accounting offers challenging and rewarding opportunities in public accounting, tax accounting, industry, government, and not-for-profit organizations.

Prospective accountants must be prepared to work in an increasingly complex environment. In addition to accounting knowledge, the successful accountant must possess a broad knowledge of business. Other essential skills include the ability to communicate well verbally and in writing, the ability to work well with and motivate others, the ability to organize and manage tasks and other people, and the ability to use sound professional judgment.

The bachelor of arts (BA) or the bachelor of science (BS) degree in accounting provides students with the knowledge of basic accounting concepts, accounting applications, and the related functional areas of business necessary for a successful accounting career in industry, government, and nonprofit organizations. Students preparing for a professional career in public accounting or tax accounting, and others who wish to obtain more advanced and specialized knowledge in the field of accounting, should plan to complete the four-year undergraduate program followed by the one-year master of accounting (MAcc) program. The MAcc program allows students to specialize in one of the following areas: assurance services, corporate accounting, accounting information systems, or taxation. A detailed description of the MAcc program can be found in the Graduate 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. 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;
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 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.


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 2071 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 I (3). Prerequisite: ACG 3101 with a grade of “C–” or better. An introduction to financial accounting concepts. Financial statements and how they reflect business transactions are emphasized.

ACG 3111. Financial Accounting and Reporting II (3).

ACG 3341. Cost Accounting (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).
MAR 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

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).
In-depth study of financial reporting concepts and generally accepted practices for long-term liabilities, leases, pensions, income taxes, and stockholders equity and earnings per share. Emphasis on analyzing financial events and the consequences of financial reporting alternatives.


ACG 3311. Cost Accounting I (3). Prerequisite: ACG 2011 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 3351. Cost Accounting II (3). Prerequisite: ACG 3341 with a grade of "C-" or better. 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 3949. 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. In-depth study of financial reporting concepts and generally accepted practice for investments, business combinations, consolidated enterprises, and foreign operations and the statement of cash flows. Emphasis on analyzing financial events and the consequences of financial reporting alternatives.

ACG 4401. Accounting Information Systems (3). Prerequisites: ACG 3101 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. Pre- or Corequisite: ACG 4201. 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; 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 4901r. Directed Individual Study (1–3). May be repeated up to five times.

ACG 4930r. Special Topics in Accounting (1–3). Prerequisite: Permission of instructor. Content varies to provide an opportunity to study current issues in accounting and topics not offered in other courses. May be repeated with a change in content to a maximum of twelve (12) semester hours.

ACG 4970r. Honors Thesis (1–6). Prerequisite: Admission to the honors program. Six (6) semester hours of thesis are required to complete honors in the major. May be repeated to a maximum of nine (9) semester hours.

TAX 4001. Federal Tax Accounting I (3). Prerequisite: ACG 3101 with a grade of "C-" or better. Concepts and methods of determining income of individuals for tax purposes; interpretation of Internal Revenue Code, related regulations, and tax advisory services.

TAX 4003. Federal Tax Accounting II (3). Prerequisite: TAX 4001 with a grade of "C-" or better. Concepts and methods of determining income of corporations, partnerships, estates, and trusts for tax purposes; interpretation of the Internal Revenue Code, related regulations, and tax advisory services. Subsequent credit for TAX 5003 is not permitted.

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 5635. Auditing Theory and Application II (3).

ACG 5695. Challenges in Professional Accounting (3).

ACG 5905r. Directed Individual Study (1–3). (S/U grade only.)

ACG 5906r. Special Studies in Management (1–3).

ACG 5915r. Supervised Research (1–3). (S/U grade only.)

ACG 5935r. Special Topics in Accounting (1–3).

ACG 6835. 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 6916r. Supervised Research (1–3). (S/U grade only.)

ACG 6939r. Doctoral Seminar in Accounting (3).

ACG 6946r. Supervised Teaching (1–3). (S/U grade only.)

GEB 6904r. 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).

Program in ACTUARIAL SCIENCE

College of Arts and Sciences

Director: Bettye Anne Case (Mathematics);
Advisory Committee: Beaumont, Cobbe (Economics); Carson, Maroney (Risk Management/Insurance); Hollanders (Statistics); Icerman (Accounting), Nast (Finance)

This interdisciplinary degree provides broad instruction in the mathematical and statistical concepts underlying the operations of life, pension, property and casualty insurers, governmental agencies, 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 is also flexible enough to provide 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 which are provided to assist their preparation for national actuarial examinations, and by guest lecturers who are actuaries discussing the varied available employment. For state-wide common course prerequisites and curriculum information, please see the “Department of Mathematics” chapter in this General Bulletin.
Department of 
AEROSPACE STUDIES

AIR FORCE ROTC

COLLEGE OF ARTS AND SCIENCES

Professor: Colonel Thomas C. Bowermeister; Assistant Professors: Captain Bailey, Captain McElroy

The Department of Aerospace Studies provides precommissioning education for qualified students who desire to serve on active duty as commissioned officers in the United States Air Force. The department offers one-year, two-year and four-year commissioning programs, each with its own requirements and advantages. The one-year college program is designed for students who meet particularly critical needs of the Air Force. The program allows transfer students and other high-quality students with two academic years remaining, either in undergraduate or graduate status, and who have met the five (5) required qualifications, to obtain an Air Force commission while completing their studies. The four-year program provides on-campus study during the freshman through senior years. The aerospace studies curriculum is divided into two phases: 1) the general military course; and 2) the professional officer course. Students are invited to email, visit, call the Department of Aerospace Studies, (850) 644-3461, or visit our web page at http://www.fsu.edu/~rotc to obtain additional information.

General Military Course

This program of instruction is open to any student and consists of the first- and second-year courses for students in the four-year Air Force Reserve Officer Training Corps (AFROTC) program. These courses deal with the Air Force structure and the development of air power. They strengthen interest in becoming a professional Air Force officer, develop knowledge of world military forces, and enable the student to understand how the United States Air Force supports national objectives and policies. Class enrollment size is limited and priority will be given to FSU/FAMU/TCC students enrolled in the AFROTC program.

Professional Officer Course

Aerospace studies courses offered during the third and fourth years must be completed by all students who seek a commission through AFROTC. Coursework continuity is designed to prepare college students to serve as active duty Air Force officers upon graduation and commissioning. The curriculum stresses national security in contemporary American society, leadership training and professional studies. Special emphasis is placed on developing the cadet’s communicative skills. Students entering this course must be selected in accordance with the prerequisites listed below. Students not currently enrolled in the AFROTC program must have the permission of the department chairperson prior to enrolling in these courses. Class enrollment size is limited and priority is given to those FSU/FAMU/TCC students enrolled in the AFROTC program.

Required Admission Criteria for Air Force ROTC

1. Pass the Air Force Officer Qualifying Test;
2. Pass a military physical examination;
3. Pass the three-event physical fitness test;
4. Pass height/weight standards; and,
5. Have a 2.5 GPA or higher.

Note: these must be completed satisfactorily before consideration for financial assistance can occur.

Leadership Laboratory

Leadership laboratory is required for members of the Reserve Officer Training Corps, or students who are eligible to pursue a commission as determined by the chairman of the Department of Aerospace Studies. Leadership laboratory is the formalized phase of leadership training conducted by the cadets. It is scheduled for up to two (2) hours each week. All uniforms and equipment required for cadet activities are furnished.

Monetary Allowances

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.

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. 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.

Doctorates

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 AFIR 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 in some cases it is not possible to award the competency. Students may 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 AFROTC courses are eligible for consideration.

Note: students not currently enrolled in the AFROTC program must have the permission of the department chairperson prior to enrolling in any AFIR course. Class enrollment size is limited and priority will be given to FSU/FAMU/TCC students seeking a commission in the Air Force and needing AFIR courses. Non-AFROTC program students are not eligible for scholarships, incentive pay or stipends as a result of enrollment in AFROTC program courses.

Special Activities

Special activities provide for the development of teamwork and esprit de corps. Included are the Arnold Air Society, a national honorary organization, and the FSU/FAMU/TCC 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.
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 advisor. 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). A conceptual, institutional, and historical analysis of the operation and inner logic of racism and oppression.

AFA 3350. 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.

AFA 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.

AFA 3930. Special Topics (1–3). Varies with instructor, and semester. May be repeated to a maximum of nine (9) semester hours.

AFA 4095. 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 for people from 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 3451. Sub-Saharan 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).
Certificate Program in the 
PEPPER INSTITUTE ON 
AGING AND 
PUBLIC POLICY

COLLEGE OF SOCIAL SCIENCES

Director: Melissa Hardy (Sociology); Mildred and Claude Pepper Eminent Scholar Chair: Quadagno (Sociology); Professors: Barrileaux (Political Science), Bourgeois (Communication Disorders), Charness (Psychology), Fournier (Economics), Weissett (Political Science); Associate Professor: Reynolds (Sociology); Assistant Professors: Barrett, (Sociology), Bokhari (Economics), Dijkstra (Psychology); Affiliates: Brooks, Brummel-Smith, Covart, Ebener, Ferris, Heron, Hinterlong, LaPointe, Licht, MacPherson, Miles, Lloyd, G. Nemer, Pannend, Pomidori, Ralston, Taylor, Thomas, Toole, Vinton

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 now 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;

Selected Course Offerings

AMS 3932r Lecture Series in American Problems [Aging of America] (1–6)
DEP 4404 Psychology of Aging (3) [Prerequisite: PSY 2012]
ECP 3530 Economics of Health (3)
ECP 4160 Economics of Aging (3)
HFT 3272 Senior Services Management (3)

Major

Thirty (30) semester hours 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 a list of courses generally used in the program from the director. In addition students must complete an approved minor.

Honors in the Major

American studies 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.

Graduate Certificate Program

The program now offers a graduate certificate in American and Florida Studies. This certificate gives graduate students at both the MA and PhD levels in other disciplines, particularly those in the American Studies core areas, an opportunity through interdisciplinary study to develop a deeper understanding of the pluralistic society they inhabit and to learn new ways to conceptualize social issues, culture, and art throughout American history.

The certificate program in American and Florida studies requires twelve (12) semester hours in at least three disciplines outside the student’s department and must include at least one AMS seminar. Ordinarily, students will select courses from a recommended list available from the American and Florida Studies office. Each student’s final program of study must be approved by the director.

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 approved by the director in history, literature, fine arts, or social sciences.

Definition of Prefix

AMS — American Studies

Undergraduate Courses

AMS 1363 — Issues in American Civilization: The University (1–2). (S/U grade only.)
AMS 3310 Changing Concepts of the American Character (3). A study of American culture and values.
Internship in an Approved American
Supervised Research (1)
Anthropology
—
Supervised Teaching (1)

Department of ANTHROPOLOGY

COLLEGE OF ARTS AND SCIENCES

Chair: Dean Falk; Professors: Doran, Falk, Grindal, Pohl; Associate Professors: Josserand, Marrinan, Peters; Assistant Professors: Faught, Gravelle, Parkinson, Uzendoski, Ward; Professors Emeriti: Ho, Paredes; Courtesy Professors: Pullen, Wheeler, Adjunct Professors: Haumesser.

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 department offers work leading to the baccalaureate, the master of arts (MA), the master of science (MS), and the PhD.

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.

Major

Thirty (30) semester hours in the department are required including the following: ANT 2410, 2511, 3101, 3610, and fifteen (15) semester hours of work at the 4000 level. No more than three (3) semester hours of credit in fieldwork courses and no hours of directed individual study (D/S) 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 of “D” or lower may be counted toward satisfaction of the major requirements.

Minor

Twelve (12) semester hours in a related field.

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.

Requirements for a Minor in Anthropology

Twelve (12) semester hours to include either ANT 2410 or 2511.

Definition of Prefixes

ANG — Anthropology: Graduate
ANT — Anthropology
LIN — Linguistics

Graduate Courses

AMS 5090r. Seminar in American Culture (3).
AMS 5815r. Seminar in American Thought (3).
AMS 5908r. Directed Individual Study (1–3).

Undergraduate Courses

ANT 2100. Introduction to Archaeology (3). Corequisite: ANT 2100L. 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 stratigraphical 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 from 5000 years ago in ancient Egypt to the U.S.S. Yorktown of WW II. From Titanic to treasure ships, this global history explores economy, war, exploration, and culture.

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 technology, language, social organization, religion, and values. Attention is also given to contemporary world problems.

ANT 2511. Introduction to Physical Anthropology (3). This course introduces theory and principles of genetically based evolution. It reviews fossil evidence for human origins and 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 3101. Fundamentals of Archaeology (3). This introductory 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 course offers a brief overview of the history of archaeology and the changes in strategies used to examine the prehistoric and historic archaeological records. An emphasis is placed 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 4231. Introduction to Folklore (3). This course introduces students to the basic concepts, functions, theories, and methods of folklore. Major genres of folklore, such as myth, legends, folktales, proverbs, games, dance, drama, riddles, and folk arts and crafts will be given detailed analysis by using examples from cultures around the world.

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 evolution of language, and language change.

ANT 4034. History of Anthropology (3). This is a survey course for majors which reviews the development of the central ideas that have shaped the emergence of anthropology.
as a science. The approach is critical and objective, and while the presentation is somewhat chronological, the emphasis is to evaluate these sciences from the perspectives of modern science.

ANT 4082. Technology and Social Change (3). This course introduces students to anthropological approaches to the study of technological change. Emphasis is placed on the exploration of the interrelationships between technological developments and economic, political, and social life and on the evolution of cultural and social change. Students may repeat this course for credit when topics vary. May be repeated to a maximum of nine semester hours.

ANT 4094r. Seminar in Research Methods (3). Examines methodological and methodological issues in research design. Special emphasis is given to the integration of research methods and the developmental phases of research. Special topics may be offered in conjunction with special projects. May be repeated in the same semester. May be repeated to a maximum of nine (9) semester hours.

ANT 4109r. Sex Roles in Cross-Cultural Perspective (3). This course investigates the role of sex in the structuring of society with a focus on gender roles, family, and social structure. May be repeated to a maximum of nine (9) semester hours.

ANT 4121. 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 used in the Americas.

ANT 4135. Nautical Archaeology: Global View (3). This course provides an overview of the nature of human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft used in Asia, Australia, the Mediterranean and Europe.

ANT 4142. European Prehistory (3). This course introduces students to the history of the human interactions and activities with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft used in Europe.

ANT 4153. Paleolithic Archaeology (3). This course introduces the context, variety, abundance, and meaning of Paleolithic assemblages and the relationship of these early cultures to changing postglacial environments and the evolution of Paleolithic cultures to their archaic relatives.

ANT 4163. Mesoamerican Archaeology (3). Investigates the development of civilization in the Mesoamerican region. Exposure is given to the major developments of this region, including the Olmec, Maya, Teotihuacan, and Aztec civilizations.

ANT 4165. Maya Hieroglyphic Writing (3). This course presents the principles of classical Maya hieroglyphic writing, its history, and methods of its decipherment. Classic Maya hieroglyphics are also included.

ANT 4277. PreColumbian Art and Iconography (3). This course focuses on pre-Columbian art traditions, their evidences in the material culture. Attention is paid to cosmology and the socio-cultural context of art in each society. Topics include ancient Maya art and iconography: Mixtec, Aztec, and other regional groups. May be repeated, when topics vary, to a maximum of nine (9) semester hours.

ANT 4242. Anthropology of Religion (3). The cultural perceptions of supernatural reality, with emphasis on comparative understanding of myth and ritual, the religious experience, and religious evolution and revitalization movements.

ANT 4242r. Symbol and Ritual (3). This course is an introduction to the study of the relationship between symbols and rituals in anthropological theory and practice. Emphasis is placed on the symbolic structure of religious symbols and symbols as carriers of cultural meaning.

ANT 4269. Economic and Ecological Approaches in Anthropology (3). Seminar on current literature and theories on economic and ecological models in anthropology. Includes an examination of the relationships between cultural ecologists and structural Marxists, between archaeology and related disciplines (landscape geography, social anthropology). Selected topics related to consumption commodities, exchanges, and gender. Controversies over foragers and egalitarian societies.

ANT 4743. Human Evolution (3). Examines anthropological and methodological issues in research design. Special emphasis is given to the integration of research methods and the developmental phases of research. May be repeated in the same semester. May be repeated to a maximum of nine (9) semester hours.

ANT 4809. Seminar in Lithic Analysis (3). This course acquaints students with the variety of aboriginal North American archaeological and lithic problems and emphasizes the ethnography of native North America, historic trends in native North American sociocultural change, and recent developments among native North American peoples.

ANT 4823. 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 problems of reconciling modern society with traditional peasant and indigenous ethnic groups, as well as institutions such as kinship and the family; technology, work, and ecological adaptation as organization; political integration, religion, and ceremonial life.

ANT 4837. Peoples and Cultures of Amazonia (3). This course is a survey of the diversity and nature of cultures and cultural groups in the Amazonian region. Topics include the origins and evolution of Amazonian societies, social and political organization, trade, and culture history. Special emphasis is given to the diversity and unity of Amazonian society and culture. Topics may vary. May be repeated in the same semester. May be repeated to a maximum of nine (9) semester hours.

ANT 4850. Central America (3). Survey of the history, culture, and cultural development of Central America. May be repeated in the same semester. May be repeated to a maximum of nine (9) semester hours.

ANT 4860. Archaeology of the Southeastern United States (3). This course is an introduction to the archaeology of the southeastern United States. Emphasis is placed on the archaeological traditions and the problems of reconstructing the social and cultural history of the southeastern United States. May be repeated, when topics vary, to a maximum of nine (9) semester hours.

ANT 4880. Introduction to Descriptive Linguistics (3). This course is an introduction to the study of human language and its structure. Special emphasis is placed on the relationship of linguistic phenomena to cultural systems and to the development of language in history.

Graduate Courses

ANG 4901. Proseminar (1). S/U grade only.

ANG 4901r. Seminar in Research Methods (3).

ANG 5115. Seminar in Archaeological Method and Theory (3).

ANG 5117. Core Seminar in Archaeology (3).

ANG 5125. Geoaanthropology (3).

ANG 5127. Material Culture (3).

ANG 5128. Seminar in Lithic Analysis (3).

ANG 5132. Underwater Archaeology. (6). Prerequisite: ANT 4823. ANG 5132r. Seminar in Underwater Archaeology (3).

ANG 5146. Introduction to Medical Anthropology (3). This course is an introduction to medical anthropology and its methods. Special emphasis is placed on the relationship of medical anthropology to the study of human behavior and social systems.

ANG 5153. Paleonutrition (3). Special emphasis is placed on the relationship of paleonutrition to the study of human behavior and social systems.

ANG 5252. 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.

ANG 5354. Anthropological Fieldwork: Underwater Archaeology. (6). Prerequisite: ANT 4823. This course is designed to provide the student with an understanding of the methods and techniques of underwater archaeological fieldwork. Special emphasis is placed on the relationship of underwater archaeology to the study of human behavior and social systems.

ANG 5357. Cultural Theory (3). This course is an introduction to cultural theory and its methods. Special emphasis is placed on the relationship of cultural theory to the study of human behavior and social systems.

ANG 5364. Anthropology of Law and Culture (3). This course is an introduction to the study of law and culture and the relationship between law and culture. Special emphasis is placed on the relationship of law and culture to the study of human behavior and social systems.

ANG 5367. Anthropological Fieldwork: Underwater Archaeology. (6). Prerequisite: ANT 4823. This course is designed to provide the student with an understanding of the methods and techniques of underwater archaeological fieldwork. Special emphasis is placed on the relationship of underwater archaeology to the study of human behavior and social systems.

ANG 5368. Anthropological Fieldwork: Underwater Archaeology. (6). Prerequisite: ANT 4823. This course is designed to provide the student with an understanding of the methods and techniques of underwater archaeological fieldwork. Special emphasis is placed on the relationship of underwater archaeology to the study of human behavior and social systems.

ANG 5907. Directed Independent Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

ANG 5914r. Honors Work (3). May be repeated to a maximum of six (6) semester hours.

ANG 5930r. Special Topics in Anthropology (1–3). Specialized subjects and topics in anthropology. Topics may 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).

SOCIOLinguistics 4014. Sociolinguistics (3). This course provides students with an understanding of the role language plays in society. Topics include the nature of language as a social diacritical, as well as a primary vehicle of enculturation and acculturation. Topics include the methodology and theoretical foundations of sociolinguistics, linguistic variation in a social context, social and geographical dialects, bi- and multilingualism, and literacy and language planning, as featured in case studies from around the world.

ANT 4824. Anthropological Fieldwork: Archaeology (6). Prerequisite: ANT 3101. This course trains students in the principles and methods of archaeological fieldwork, including research strategy, development, recovery, recording and controls, sampling strategy, mapping, surveying, laboratory analysis, quantification, and report preparation. This is an intern-type course, sometimes requiring the student to live off-campus.

ANT 4835. Anthropological Fieldwork: Underwater Archaeology (6). Prerequisite: ANT 4823. An introduction to the specialized methods and concepts of underwater archaeology. Successful completion of a certified divers program will be required of all students who wish to enter underwater environments. The course consists of both lecture and field sessions with reading assignments in selected texts. Specialists in various related disciplines will give presentations to the class as the course progresses. The field sessions will be conducted in the waterways of Florida state parks and as a social diacritical, as well as a primary vehicle of enculturation and acculturation. Topics include the methodology and theoretical foundations of sociolinguistics, linguistic variation in a social context, social and geographical dialects, bi- and multilingualism, and literacy and language planning, as featured in case studies from around the world.
Department of ART

SCHOOL OF VISUAL ARTS AND DANCE

Chair: Roald Nasgaard; Professors: Blakely, Burgraff, Fichter, Nasgaard, Roche, Williams; Associate Professors: Bocci, Bowens, Garcia-Roig, Haldimann, Messemer, Smith, Orita, Roberson, Rubin, Rutkovsky; Assistant Professor: Groeniger; Assistant in Art: Wyatt-Magalian; Professor Emeritus: Bell

The Department of Art offers opportunities for creative development and expression, provides instruction in the skills necessary for artistic creation, and guides students to an understanding of contemporary issues in the visual arts. In conjunction with these pursuits, the department benefits from the University Fine Arts Gallery and Museum for student and faculty exhibitions. Additionally, the department serves as a resource to the rest of the University, providing foundation courses in studio skills and studio methods.

The Department of Art offers open undergraduate degree programs leading to the bachelor of arts (BA) and bachelor of science (BS) degrees in studio art. Limited-access degree programs leading to a bachelor of fine arts (BFA) degree in either studio art or graphic design are available to those students who already are pursuing either a BA or BS in studio art. Graduates may pursue studies in either a studio or design area that leads to the master of fine arts (MFA) degree in studio art. Course selection encompasses history, theory, and practice. Major studies may include design, drawing, painting, sculpture, printmaking, ceramics, photography, electronic imaging, and video. Depending upon personal development, students may choose to work in a variety of media or to concentrate in an area of interest. Each degree program mandates specific entry requirements, a certain sequence of courses, and graduation requirements. Information on each program beyond that explained in this General Bulletin is available through the academic adviser, Department of Art.

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:

**Studio/Fine Art**
1. ART 1201;
2. ART 1202 or ART 1203;
3. ART 1300;
4. ART 1301;
5. ARH 2050;
6. ARH 2051;
7. Six to nine (6–9) semester hours of 2000-level introductory media courses (ART prefix).

**Graphic Design**
1. ART 1300;
2. ART 1201;
3. PGY 1401;
4. ARH 2050 or ARH 2051.

**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.

**Required Pre-Core Courses**

(Prerequisites for all art classes and entering core)

The pre-core program consists of three courses that introduce the student who may be interested in an art major to the field with classes that survey what artists do and the esthetic theory behind work in the visual arts. It also includes basic drawing to introduce the studio activity of making art, and a tools and equipment course that introduces the student to the kind of manual dexterity, tool skills, and safety knowledge that artists require.

**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 I (3).
- ART 2303C: Drawing and Painting the Human Form (3).
- PGC 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 ENG 2130 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.

The Bachelor of Science Degree

The bachelor of science (BS) program is ninety-seven (97) semester hours and is similar to the bachelor of arts, but there is a shift in emphasis from humanistic studies to extended technical studies in art. This may include, at the option of the student, a medium concentration. Major 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, eighteen (18) semester hours; and extended technical course work, fifteen (15) semester hours.

Concentrations for the BA and BS Degrees

After completing the core, students majoring in Studio Art for the BA and BS degrees would be required to take additional studio art courses from the 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—BS 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 during the final five semesters. This differs from the BA and BS degrees 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 work by two faculty who may recommend that 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 a 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. Students may choose from a minimum of thirty-six (36) 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, 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.

Coursework 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 4295Cr 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).

Requirements for Students Minoring in Art

A minor in art requires eighteen (18) semester hours. Students must follow required prerequisites for all course selections. A student’s minor program should be determined through consultation with the appropriate departmental adviser and with the approval of the chair of the Department of Art.

Graduate Program

The Master of Fine Arts Degree

The master of fine arts (MFA) in studio art is a two-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.

Undergraduate Courses

Definition of Prefixes

ARH — Art History
ART — Art
GRA — Graphic Arts
PGY — Photography

Correlating Courses

ART 1300C. Drawing I (for Non-Art Majors) (3). (See description under Studio Courses below.)
ART 2000C. Survey of Studio Art Practices (3). Demonstration, discussions, and slide/IIM presentations explore the way artists work in a broad range of media. Emphasis on visual perception and basic making.
ART 2010C. 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.
ART 3949r. Cooperative Education Work Experience (0). (SU 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.

Studio Courses

ARH 2521C. Survey in African-American Art (3). This course surveys special topics in African-American art and aesthetics. We will explore power dynamics, social protest, artistic form, accommodation, criticism, perception, content and motivation as historical and contemporary influences on and in African-American art.
ART 2203C. 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 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 and with emphasis on creative decision making.
ART 1300C. Drawing I (3). Creative expression through a variety of drawing media. Emphasis is on black and white techniques and pencil, ink, and oil drawing media.
ART 2301C. Drawing II (3). Prerequisites: ART 1300C, 1201C. This course builds on the technical and conceptual skills learned in ART 1201C, focusing on the expressive use of line and form, with emphasis on drawing in black and white and color media.

ART 2330Cr. 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 body and likeness, with emphasis on the use of colored media. May be repeated to a maximum of nine (9) semester hours.

ART 2013r. Contemporary Art Seminar I (1). (S/U only.) This is a seminar course in which the student and faculty critique and discuss contemporary art. Participation is limited to classes and students. May be repeated to a maximum of nine (9) semester hours.

ART 2006C. Artists Tools and Equipment I (3). (S/U grade only.) This course is an introduction to safety practices, tools, materials, and equipment making art. Corequisite: ART 2010C. May be repeated as part of a combination course under a different number. May be repeated to a maximum of nine (9) semester hours.

ART 2400C. Fundamentals of Printmaking: Relief (3). Prerequisites: ART 1201C, 1300C. An introduction to the basic lithographic techniques of gravure, lithography, etching, and drypoint techniques. Emphasis on the process of making a relief plate and the printing of this plate. May be repeated to a maximum of nine (9) semester hours.

ART 2405C. Fundamentals of Printmaking: Silkscreen (3). Prerequisites: ART 1201C, 1300C. An introduction to the basic techniques of screen printing, with emphasis on silkscreen materials and techniques. May be repeated to a maximum of nine (9) semester hours.

GRA 2411C. Graphic Design I (3). Prerequisites: ART 1201C, 2201C, 2301C. Corequisite: ART 4926C. Students are required to study the fundamental principles of typography as they apply to the field of graphic design. This course will examine the nature and function of the graphic design studio. May be repeated to a maximum of nine (9) semester hours.

GRA 2401C. Photography I (3). Prerequisite: ART 1201C or ART 2010C. Photography as a creative means of expression. Study of different hand and machine techniques of black and white photography. May be repeated to a maximum of nine (9) semester hours.

GRA 2941C. Digital and Photographic Imaging (3). Prerequisites: ART 1201C, 2201C, 2301C, 2330C. This course introduces the student to the use of both liquid (traditional darkroom) and digital processes (digital) for image production. It includes image analysis within both critical and historical frameworks. May be repeated to a maximum of nine (9) semester hours.

GRA 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

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 courses in corresponding media. Each may be repeated to a maximum of nine (9) semester hours.

ART 4920Cr. Media Workshop: Fibers (3). Prerequisite: ART 2701C or instructor permission. Includes three-dimensional and mixed media approaches to the use of soft materials. May be repeated to a maximum of nine (9) semester hours.

ART 4921Cr. Media Workshop: Painting (3). Prerequisite: ART 2701C. This course is an introduction to student workshops; emphasis on the process and product of art. May be repeated to a maximum of nine (9) semester hours.

ART 4922Cr. Media Workshop: Sculpture (3). Prerequisite: ART 2701C. This course is an introduction to student workshops; emphasis on the development of a high level of self-expression. May be repeated to a maximum of nine (9) semester hours.

ART 4923Cr. Media Workshop: Printmaking (3). Prerequisite: ART 2701C. This is a course available only to BFA and BS students. May be repeated to a maximum of nine (9) semester hours.

ART 4924Cr. Media Workshop: Theater (3). Prerequisite: ART 2701C. This course is an introduction to student workshops; emphasis on self-expression, historical and contemporary examples. May be repeated to a maximum of nine (9) semester hours.

ART 4925Cr. 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.

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 and area of study. Instructors are designated by section number. Each course may be repeated to a maximum of twenty-seven (27) semester hours.

ART 4928Cr. Advanced Workshop: Painting (3). Prerequisite: ART 2701C. May be repeated to a maximum of twenty-seven (27) semester hours.

ART 4929Cr. Advanced Workshop: Sculpture (3). Prerequisite: ART 2701C. May be repeated to a maximum of twenty-seven (27) semester hours.

ART 4930Cr. Advanced Workshop: Design Production and Image (3). Prerequisite: ART 2701C. Design production and image. May be repeated to a maximum of twenty-seven (27) semester hours.

ART 4931r. Directed Individual Study (3–9). Prerequisite: ART 2201C. May be repeated to a maximum of nine (9) semester hours.

ART 4932r. Directed Individual Study (1–3). Prerequisite: ART 2201C. May be repeated to a maximum of nine (9) semester hours.

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 5303. The Contemporary Cinema (3).
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; EDG 2701;
2. EME 2040*;
3. 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) ART X300;
   b) ART X201;
   c) ART X301 or ARH 3001;
   d) ART X202 or ART 2201;
   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. Eligible courses will be determined by the community college or university where the student currently is earning his 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 advisor 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/clinical social 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 3047. Foundations of Art Education (3). Prerequisite: Twenty-one (21) semester hours of studio art and/or art history. This course includes the study of theoretical and historical foundations of art education: philosophical, psychological, and sociological approaches and their influence on curriculum development at the elementary and secondary levels. Observation in the public schools is required.

ARE 3031C. Art in Early Childhood Education (3). The role of art in the education of the young child in terms of developmental trends, individual variability, methods, media, and curriculum. On-site clinical experiences required.

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 4356C. Teaching Art Content and Methods in Art (3). Pre- or corequisite: ARE 3047. In this course, future teachers will develop concepts, methods, and materials of studio production. They will also examine child and adolescent development and abilities in studio art and studio classroom management. Observation and participation in schools are required.

ARE 4930C. Art Therapy/Special Populations (3). Definitions of art therapy, the development of the discipline, the exploration of special populations, human relations, and the related concepts in art education and art therapy.

ARE 4790. Women, Art and Education (3). This course is designed to raise awareness of issues related to women’s contributions to the art world, as shaped by formal and informal educational experiences in the arts. Students investigate historical and contemporary education/practice of women as artists and art educators, with emphasis on theoretical feminist thought and practical considerations related to women’s professional and personal contributions.

ARE 495C. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

ARE 4930r. Special Topics in Art and Education (3). Topics vary from term to term in response to new developments in art education. May be repeated to a maximum of six (6) semester hours as topics vary.

ARE 4931. Computer Graphic Design in Education and Art (3). Introduction to computer functions. Emphasis on visual literacy through practice and adaptation of computer processes to educational and art purposes.

ARE 4936. Senior Seminar in Art Education (3). Prerequisites: ARE 3047, 4355C, 4356C, 4357. Students examine and develop curriculum in art, explore practical art classroom management and logistics strategies, and complete preparation of teaching resources to be used in student teaching and in their careers.

ARE 4940. Student Teaching in Art (9). (S/U grade only.) Clinical experience teaching art in a public school assignment.

Graduate Courses

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 5304. Art in Childhood Education (3).

ARE 5382. Introduction to Counseling for Art Therapists (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.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Major in Art History

The bachelor of arts (BA) program in the history and criticism of art requires a total of forty-two (42) semester hours of which thirty-three (33) will be in art history courses and six (6) semester hours in a related elective. ARH 3056, 3057, and either 3530 or 4583 provide a broad view of major artists and movements from Western and non-Western art history and are to be taken as early as possible. A seminar in art history is required for all art history majors. Students must also satisfy the University language requirement for the BA degree.

Honors in the Major

The Department of Art History offers honors in the major to 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 2000. Art, Architecture, and Artistic Vision (3). A survey of European, Asian, and 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 2581. "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 3056. History and Criticism of Art I (3). Introductory survey from prehistoric through late-Medieval art.

ARH 3057. History and Criticism of Art II (3). Introductory survey from early Renaissance through modern art.

ARH 3130. Survey of Greek Art and Archaeology (3). Review of the major accomplishments in Greek art from earliest times 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, artifacts, and archaeological evidence.

ARH 3530. 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 3582. 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, Trobiandis, Solomon, Vanuatu, Tanna, Belau, Marian, and the Marshall Islands. Each region is characterized by certain art forms, religious beliefs and practices that are shaped by influences within the South Pacific and beyond.

ARH 3900r. 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 4110. Archeology and the Bronze Age in the Aegean (3). A study of the major archaeological evidence related to the Bronze Age in Crete and Greece; the major sites, artifacts, and artistic works, and the archaeological evidence.

ARH 4118. Archaeology of Ancient Egypt (3). A survey of the archaeology and art of ancient Egypt from the Predynastic to the Ptolemaic and Roman periods. An emphasis is placed on the art, architecture and culture of the Old and New Kingdoms.

ARH 4120. Etruscan Art and Archaeology (3). A study of Etruscan culture, art, and archaeology.

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 archaeological 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 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 4210. Early Christian and Byzantine Art (3). Development of art in the Eastern Empire. ARH 3056 or consent of instructor. Course begins with the first manifestations of Christian art and covers audiences, patrons, and problems of the representation of religious ideas. Art 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.

ARH 4211. Early Medieval Art (3). Prerequisite: ARH 3056 or consent of instructor. Considers the development of the major art forms in the 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.

ARH 4230. Later Medieval Art (3). Prerequisite: ARH 3056 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 castles, sumptuous arts, church commissions by princes and lords. Topics of special interest include the Black Death, devotional art, and practices that are shaped by influences within the South Pacific and beyond.

ARH 4304. History of Renaissance Architecture (3). Prerequisite: ARH 3057 or consent of instructor. A survey of the development 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.

ARH 4305. History of Renaissance Art (3). Prerequisite: ARH 3057 or consent of instructor. 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.
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.

ARH 4312. Later Italian Renaissance Art (15th-16th Century) (3). Prerequisite: ARH 3057 or consent of instructor. This course examines the works by the great masters of the Renaissance, including Leonardo da Vinci, Michelangelo, and Titian, against the backdrop of social and political realities of the day. Discussion will include the rise of the artist-hero, the sources and meaning of Manerism, and the impact of the religious upheavals of age and style.

ARH 4331. Northern European Renaissance Art (3). Prerequisite: ARH 3057 or consent of instructor. Development in northern European 15th- and 16th-century art with emphasis on painting and printmaking: Flemish, French, German, and Dutch artists.

ARH 4352. 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 virtuosic character of works produced for royalty, the Church, and the rising middle class by such masters as Caravaggio, Bernini, and Velázquez.

ARH 4353. 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 such figures as Rembrandt and Vermeer encoded meaning in works of detailed realism and how the rise of new subjects in art, including still life, landscape, and portraiture.

ARH 4355. 18th-Century Art (3). Prerequisite: ARH 3057 or consent of instructor. This course covers the development of art from 1780 to 1914. Topics of discussion include abstraction, Symbolism, Surrealism, as well as the relationship between the techniques and forms of abstract representation and contemporary philosophical, social, scientific, and political events. The writing of artists and critics provide the basis for this inquiry.

ARH 4421. 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 abstract art, Surrealism, and modernism.

ARH 4422. Modern European Art: Post-Impressionism through Surrealism (3). Prerequisite: ARH 3057 or consent of instructor. Course covers European and American art from Abstract Expressionism to the present. This course examines the reactions against Abstract Expressionism and investigates late-modernist practices (e.g., Pop Art, Minimalism, Conceptualism, Earth Art, Performance Art). Topics discuss include contemporary artistic practices and the relationship between "modernism" and "postmodernism." 

ARH 4480. 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 contexts of their time. It will also discuss the different ways folk arts have been defined, refined, utilized, collected, and understood by the art world at large.

ARH 4481. Art History Methods and Media (3). Prerequisites: ARH 3056, 3057, 3530. Seminar for undergraduate art history majors; introduction to art media and research methods.

ARH 4815r. Honors Work in Art History (1–6). May be repeated to a maximum of nine (9) semester hours, subject to approval of faculty advisor. A written thesis is required.

ARH 4870. 20th-Century U.S. Women's Art (3). The most known sculpture in colonial America was a woman. Her work and that produced by successive women in U.S. visual culture, with a 20th-century emphasis, are the focus of this course. Students are also introduced to critical writing on representations of women in art and to the varieties of politicized responses—from Goddesses to Guerrilla Girls—to cultural and racial bias against women.

ARH 4905r. Directed Individual Study (3). May be repeated to a maximum of nine (9) semester hours; duplicate registration is allowed in the same term.

ARH 4914r. 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.

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 5220. Early Christian and Byzantine Art (3).

ARH 5221. Early Medieval Art (3).

ARH 5240. Later Medieval Art (3).

ARH 5321. Early Italian Renaissance Art: 15th Century (3).

ARH 5322. Later Italian Renaissance Art: 16th Century (3).

ARH 5340. Northern European Renaissance Art (3).

ARH 5360. South American Baroque Art (3).

ARH 5361. Northern Baroque Art (3).

ARH 5363. 18th-Century Art (3).

ARH 5425. Modern European Art: Post-Impressionism through Surrealism (3).

ARH 5440. Modern European Art: Neoclassicism through Impressionism (3).

ARH 5527. West African Arts and the Diaspora: Brazil, Haiti, the United States and Suriname (3).

ARH 5556. Arts of Japan (3).

ARH 5558. Arts of China (3).

ARH 5586. The Arts of Oceania, Africa, and Native America (3).

ARH 5587. Arts and Architecture of Polynesia (3).

ARH 5605. Native American Arts and Architecture of the Southwest (3).

ARH 5625. American Art before 1940 (3).

ARH 5648. Art after 1940 (3).

ARH 5685. American and Ethnic Folk Art (3).

ARH 5725. History of Graphics (3).

ARH 5795. Seminar in the Methods of Art History (3).

ARH 5797. Seminar in Museum Studies (3).

ARH 5838. The Museum Object (3).

ARH 5875. 20th Century Feminist Art Criticism (3).

ARH 5896r. Seminar in the History and Criticism of Art (3).

ARH 5907r. Directed Individual Study (1–5).

ARH 5913r. Supervised Research (1–5). (S/U grade only).

ARH 5940r. Supervised Teaching (1–5). (S/U grade only).

ARH 5942r. Internship in Museum Studies (1–6).

ARH 6292r. Topics in Medieval Art: Seminar (3).

ARH 6394r. Topics in Renaissance Art: Seminar (3).

ARH 6398r. Topics in Baroque Art: Seminar (3).

ARH 6592r. Topics in Eastern Art: Seminar (3).

ARH 6694r. Topics in 19th-Century Art: Seminar (3).

ARH 6695r. Topics in 20th-Century Art: Seminar (3).

For listings relating to graduate course work for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.

ARTS ADMINISTRATION, CENTER FOR: see Graduate Bulletin
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), Emri (Religion), Garretson (History), Ho (Anthropology), Kim (Political Science); Assistant Professors: Cuevas (Religion), Grant (History), Lan (Modern Languages and Linguistics); Visiting Professor: Koo (Economics); Visiting Associate Professor: Lopez (Religion); Visiting Assistant Professors: Lee (Art History), Yasuhara (Modern Languages and Linguistics)

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.

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

MAN 3600 Multinational Business Operations
MAR 3023 Basic Marketing Concepts
MAR 4156 Multinational Marketing

Choose two:
MAN 4605 Cross-Cultural Management (Prerequisite: MAN 3240)
MAN 4680r Selected Topics in International Management
or
Another related course approved by the Asian studies program advisor.

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)
MAN 4680r Selected Topics in International Management
or
Another related course approved by the Asian studies program advisor.

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 3350. Collective Action and Social Movements (3).
SYP 3540. Sociology of Law (3).
SYP 4340. Public Opinion Analysis (3).

Arts and Humanities Track—Comparative Concepts and Theories

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).
HUM 3413. Humanities: South Asian (3).
HUM 3416. East Asian Humanities (3).
JPN 3230. Readings in Japanese Short Stories and Essays (3).
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).

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. Music Cultures of the World [three (3) hours each].
PHI 2010. 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 4995c. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours. May be repeated to a maximum of nine (9) semester hours as topics change.
ASN 4970c. Honors Thesis (1–6). 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
Although MAC 2233, Calculus for Business, will be accepted as a mandated equivalent to MAC 2311, Calculus with Analytical Geometry I, it is not recommended as preparation for a degree in the sciences. MAC 2233 is not acceptable as a prerequisite for MAC 2312, Calculus with Analytical Geometry II, PHY 2048C/PHY 2049C, General Physics, or other advanced courses in physics, chemistry, engineering, and meteorology.

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 1045C and 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 (no forgiveness) 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, F, D–, D, D+) in courses required for the major in biological science (biology, biochemistry, 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 (no forgiveness) 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.

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) BSC 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.

h) Completion of at least five biology laboratory/field courses (the letter “C” listed after the course number indicates that the course is a lecture and a lab/field combined, and the letter “L” 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 II 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 also is required;

d) **Physics:** Two semesters of general physics with laboratories equivalent to PHY 2048C and 2049C (prerequisite of MAC 2311) or two semesters of college physics with laboratories 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 advisor 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 advisor.

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### 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 our contemporary 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) 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 the 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 interdisciplinary 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.

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### 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.

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### 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.

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### 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.

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### 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.

### Requirements for a Minor in Biological Science

A minimum of twelve (12) semester hours of biological science courses approved for major credit, including BSC 2010/2010L and BSC 2011/2011L and one additional biology course that counts in the major (PCB 3063 recommended); a minimum of four (4) semester hours of the twelve (12) semester hours must be taken at The Florida State University. Grades below “C+” will not be accepted for minor credit.

### Definition of Prefixes

- **BCH:** Biochemistry (Biophysics)
- **BOT:** Botany
- **BSC:** Biological Sciences
- **ISC:** Interdisciplinary Sciences
- **MCB:** Microbiology
- **PSC:** Process Biology
- **PSD:** 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 semesters of lecture.
- **BSC 1005C:** General Biology for Nonmajors (4).
- **BSC 1056C:** Underwater Environments of the Big Bend (3). (S/U grade only.) This journey into the unique and unusual ecosystem of North Florida features the area’s underwater systems—rivers, springs, salt marshes, bays and beaches. Saturday trips include Cypress Springs, Dising County grass beds, Rainbow River, St. Joseph Bay, the Panama City Jetties or other sites as conditions permit. This course requires proof of swimming ability, plus snorkel, mask and fins.
- **BSC 1058C:** Coastal Environments of the Big Bend (3). (S/U grade only.) Explore marine life through classroom lectures and six field trips that will introduce a new ecological dimension to the way you view the marshes and beaches of the North Florida coast. Ochololockee Bay, a local marine aquarium, the St. Marks National Wildlife Refuge, and Fiddler’s Point are a part of the Saturday field trip itinerary.
- **ISC 3076:** 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 vs. 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 flourishes. This course 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.
- **MCB 2004:** Microbiology for Health Services (3). Corequisite: MCB 2004L. Microbiology for students planning careers in the health services, with emphasis on infectious disease, food microbiology and public health.
- **MCB 4004L:** Microbiology for the Health Sciences Laboratory (1). Corequisite: MCB 2004. Microbiological techniques including the isolation, typing and identification of bacteria, properties of pathogenic bacteria, and food microbiology.
- **PCB 2099:** Human Physiology (3). A survey of the nervous, endocrine and other regulatory systems and their regulation in normal function and disease in the human body.
- **SCE 4939r:** Seminar in Contemporary Science, Mathematics, and Science Education (1). Presentations of contemporary and interesting issues in science, mathematics, or teaching methods. Content will vary from semester to semester. May be repeated to a maximum of four (4) semester hours.

#### Courses for Major Credit

**Note:** All 3000- and 4000-level biological science courses have the following minimum prerequisites: BSC 2010/2010L, 2011/2011L; CHM 1045C and 1046C. Additional prerequisites, if any, are included in the course listing.

### Botany

- **BOT 3015:** Plant Biology (2). Prerequisites: BSC 2011/2011L; CHM 1046C. Introduction to evolutionary relations, natural history, ecology, natural classification, adaptations, and physiology of plants, fungi, autotrophic prokaryota, and prokaryotes.
- **BOT 3043C:** Field Botany (4). Prerequisites: BSC 2011/2011L; CHM 1046C. Introductory plant taxonomy with emphasis on laboratory and field study. Orientation to principles of identification, classification, and rules of botanical nomenclature.
BSC 490RC. Directed Individual Study (1–4). Prerequisites: BSC 2011/2011L; CHM 1046C; a 3.0 combined GPA in biology and chemistry. Subject to faculty approval. A maximum of six (6) semester hours may be applied to biological science major credit.

BSC 4931r. Senior Tutorial in Biological Science (1). (S/U grade only.) Prerequisites: BSC 2011/2011L; CHM 1045C; senior standing (90+ hrs.) Selected topics in contemporary biological science; maximum enrollment of five students in each tutorial. One time to a maximum of two (2) semester hour credit which may be applied to biological science credit.

BSC 4934. Selected Topics in Biological Science (1–4). Prerequisites: BSC 2011/2011L; CHM 1046C; other courses as specified; Junior or senior standing. May be repeated to a maximum of eight (8) semester hours. Some sections are not for major credit.

BSC 4937. Seminar in Living Marine Resource Ecology (1). (S/U grade only.) Prerequisites: BSC 2010/2010L; 2011/2011L; CHM 1045C, 1046C; permission of instructor. Seminar course in marine resource ecology designed to introduce students to the research methodologies and interests in marine ecology. Students will have the opportunity to meet with resource managers and scientists from both the state and federal government. May be repeated to a maximum of two hours. Some sections are not for major credit.

BSC 4939. Research Internship in Marine Biology (3–9). Prerequisites: BSC 2011/2011L; CHM 1046C; PCB 3063; junior or senior standing; 3.0 GPA in biology; a course in research methodology and written approval of the associate chair. Special supervised study in marine biology at the National Fisheries Services Laboratory in Panama City, the Mote Marine Laboratory, or other approved local laboratory. 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 Fall, Spring, and Summer semesters. Prerequisite: Admission to the departments honors in the major program. Participation in a supervised research problem. May be repeated to a maximum of eight (8) semester hours. Some sections are not for major credit.

BSC 4945. Undergraduate Supervised Teaching (1). (S/U grade only.) Prerequisites: BSC 2011/2011L; CHM 1045C; senior standing; one of the following: PCB 3043 or 3063, or ZOO 3713C, or permission of instructor. A maximum of one (1) semester hour may be applied to biological science major credit.

BSC 4970c. Honors Work in Biological Science (1–6). Prerequisites: BSC 2011/2011L; CHM 1046C; permission of instructor. 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; PCB 4403L. Corequisites: MCB 4403L. A comparative approach of prokaryotic biology and a molecular characterization of cellular and biochemical properties of microorganisms, with emphasis on prokaryotes (bacteria and archaea) and viruses. Topics include: prokaryotic cell structure and function, biochemical and physiological properties of nucleic acids, proteins, and viruses, physiological and molecular aspects of microorganisms and human disease, and biotechnological applications of microorganisms and viruses, including environmental, industrial, and medical microbiology.

MCB 4403L. Prokaryotic Biology Laboratory (2). Prerequisites: BSC 2011/2011L; CHM 1046C; PCB 4403L. Laboratory methods for growth, handling, and study of prokaryotes and other types of microorganisms. Topics include: asexual reproduction of purely cultured microorganisms; genetic principles; biochemical and physiological properties of prokaryotes, and their adaptation to the environment; genetic manipulation of microorganisms; biotechnology and applications of microorganisms; biotechnology and applications of prokaryotes; molecular biology; molecular genetics; and modern techniques in molecular biology.

MCB 4603. Environmental Microbiology (3). Prerequisites: BSC 2011/2011L; CHM 1046C; MCB 4403. A study of the biochemistry and molecular biology of microorganisms and their relationship to the environment. Topics include microbial diversity, microbial ecology, microbial nutrient cycling, and microbial interactions with the environment. Includes a laboratory component, which may be used to prepare students for advanced research in the area of environmental microbiology.

Cell Structure and Function (3). Prerequisites: BSC 2011/2011L, CHM 1046C. Cellular chemistry and biochemistry. Introduction to cellular structure and function, including cell growth, cellular motility, division, communication, and regulation.

ZOO 3203. Advanced Invertebrate Zoology (2). Prerequisites: BSC 2011/2011L; CHM 1046C; and one of the following: PCB 3043 or 3063, or ZOO 3713C, or permission of instructor. An advanced study of the immune system, function, and regulation of behavior, and evolution of the invertebrate phyla, especially those taxa living in the sea.

ZOO 3204. Advanced Invertebrate Zoology Laboratory (2). Prerequisites: BSC 2011/2011L, CHM 1046C; and one of the following: PCB 3043 or 3063, or ZOO 3713C, or permission of instructor. A laboratory course in advanced invertebrate zoology. Laboratory provides an opportunity to study the structure, function, behavior and ecology of the invertebrate phyla, especially those taxa living in the sea.


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 wish to minor in British Studies should declare this intention with the Assistant 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 3123</td>
<td>Comparative Government and Politics: Great Britain (3)</td>
</tr>
<tr>
<td>ECO 3303</td>
<td>History of Economic Ideas (3)</td>
</tr>
</tbody>
</table>

Graduate Courses

Biochemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BCH 5886r.</td>
<td>Special Topics in Biochemistry and Cell Biology (1–3).</td>
</tr>
<tr>
<td>BCH 5887r.</td>
<td>Special Topics in Biochemistry and Cell Biology (1–3).</td>
</tr>
</tbody>
</table>

Botany

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>BOT 5938r.</td>
<td>Selected Topics in Botany (1–4).</td>
</tr>
<tr>
<td>BOT 6936r.</td>
<td>Seminar in Botany (2). (S/U grade only.)</td>
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</tbody>
</table>

Biological Science

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>BSC 5409.</td>
<td>Biophysical Principles of Biological Techniques (3).</td>
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</tbody>
</table>

Microbiology

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>MCB 5408</td>
<td>Procaroytic Biology (3).</td>
</tr>
<tr>
<td>MCB 5505</td>
<td>Virology (3).</td>
</tr>
<tr>
<td>MCB 5936e.</td>
<td>Selected Topics in Microbiology (1–4).</td>
</tr>
<tr>
<td>MCB 6936a.</td>
<td>Seminar in Microbiology (2). (S/U grade only.)</td>
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</table>

Process Biology

<table>
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<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>PCB 5047.</td>
<td>Perspectives in Ecology and Evolutionary Biology (3).</td>
</tr>
<tr>
<td>PCB 5137.</td>
<td>Advanced Cell Biology (3).</td>
</tr>
<tr>
<td>PCB 5345C.</td>
<td>Advanced Field Biology (3).</td>
</tr>
<tr>
<td>PCB 5447.</td>
<td>Community Ecology (3).</td>
</tr>
<tr>
<td>PCB 5525.</td>
<td>Molecular Biology (3).</td>
</tr>
<tr>
<td>PCB 5595.</td>
<td>Advanced Molecular Biology (3).</td>
</tr>
<tr>
<td>PCB 5675.</td>
<td>Advanced Evolutionary Biology (3).</td>
</tr>
<tr>
<td>PCB 5746.</td>
<td>Mammalian Physiology I (3).</td>
</tr>
<tr>
<td>PCB 5747.</td>
<td>Mammalian Physiology II (3).</td>
</tr>
<tr>
<td>PCB 5785.</td>
<td>Biology of Muscle (3).</td>
</tr>
<tr>
<td>PCB 5795.</td>
<td>Sensory Physiology (3).</td>
</tr>
<tr>
<td>PCB 5835.</td>
<td>Neurophysiology (3).</td>
</tr>
<tr>
<td>PCB 5845.</td>
<td>Cell and Molecular Neuroscience (4).</td>
</tr>
<tr>
<td>PCB 5846.</td>
<td>Neurocytology and Neurochemistry (4).</td>
</tr>
<tr>
<td>PCB 5936r.</td>
<td>Selected Topics in Genetics and Cell Biology (1–4).</td>
</tr>
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</table>

Zoology

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ZOO 4232L.</td>
<td>Parasitology Lab (2). Prerequisites: BSC 2011L; CHM 1046C. Pre- or Corequisite: ZOO 4232. The morphology and anatomy of protozoan and animal parasites of people. Collection, preservation, and staining methods for selected parasites of various hosts.</td>
</tr>
<tr>
<td>ZOO 4753C.</td>
<td>Histology (4). Prerequisites: BSC 2011L; CHM 1046C. The microscopic anatomy and functions of the cells, tissues, and glands composing the organs and systems of humans.</td>
</tr>
<tr>
<td>ZOO 4823L.</td>
<td>Insect Diversity of North Florida (2). Prerequisites: BSC 2010L. The microscopic anatomy and functions of the cells, tissues, and glands composing the organs and systems of insects.</td>
</tr>
<tr>
<td>ZOO 4823r.</td>
<td>Selected Topics in Zoology (1–4). (S/U grade only.)</td>
</tr>
<tr>
<td>ZOO 4823r.</td>
<td>Directed Individual Study (1). (S/U grade only.)</td>
</tr>
<tr>
<td>ZOO 4823r.</td>
<td>Supervised Teaching (1–2). (S/U grade only.)</td>
</tr>
<tr>
<td>ZOO 6921r.</td>
<td>Colloquium in Biology and Science (1). (S/U grade only.)</td>
</tr>
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Microbiology

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<td>ZOO 5938r.</td>
<td>Selected Topics in Ecology and Evolutionary Biology (1–4).</td>
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<tr>
<td>PCB 6155C.</td>
<td>Microscopy and Electron Microscopy for the Biologist (3).</td>
</tr>
<tr>
<td>PCB 6936r.</td>
<td>Seminar in Genetics and Cell Biology (2). (S/U grade only.)</td>
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<td>Seminar in Physiology (2). (S/U grade only.)</td>
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Neuroscience

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<tr>
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<tbody>
<tr>
<td>PSB 5057.</td>
<td>Neuroscience Methods: Molecules to Behavior (2). (S/U grade only.)</td>
</tr>
<tr>
<td>PSB 5077.</td>
<td>Responsible Conduct of Research (2). (S/U grade only.)</td>
</tr>
<tr>
<td>PSB 5341.</td>
<td>Systems and Behavioral Neuroscience (4).</td>
</tr>
<tr>
<td>PSB 6070r.</td>
<td>Current Problems in Neuroscience (2). (S/U grade only.)</td>
</tr>
<tr>
<td>PSB 6920r.</td>
<td>Neuroscience Colloquium (1). (S/U grade only.)</td>
</tr>
<tr>
<td>PSB 6933r.</td>
<td>Seminar in Neuroscience (1–2). (S/U grade only.)</td>
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For listings relating to graduate course work for thesis, dissertation, and masters and doctoral examinations and defense, consult the Graduate Bulletin.
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 4533 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)
ENG 3310 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 2189 Introduction to Global Literature in English (3)
LIT 3043 Modern Drama (3)
LIT 3383 Women in Literature (3)
LIT 4033 Modern Poetry (3)
MUH 2011 Introduction to Music History—Music Appreciation: 18th and 19th Centuries (3)
MUH 2012 Music in Western Culture, 19th and 20th Centuries (3)
REL 1300 Introduction to World Religions (3)
REL 3145 Gender and Religion (3)
SYG 2010 Social Problems (3)
THE 2083r Theatre Problems (3)
THE 3061 Introduction to Theatre in London (3)
THE 3931r Special Topics (3)
THE 4111 European Theatre History II (3)

All other courses, including special topics, directed individual studies, and internships, offered at the London center may be counted provided the British Studies London 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 they are approved by the coordinating committee. To have such courses considered, petition the Coordinating Committee, A5500 University Center.

BUSINESS LAW: see Risk Management/Insurance, Real Estate, and Program in Business Law

CELL BIOLOGY: see Biological Science

Department of CHEMICAL ENGINEERING

FAMU—FSU COLLEGE OF ENGINEERING

Chair: Michael H. Peters; Professors: Humphries, Locke, Palanki; Peters: Associate Professors: Alamo, Arce, Chella, Gibbs, Kalu, Telotte, Vinals; Assistant Professors: Ma, West; Visiting Assistant Professors: Chen, Chin; Adjunct Professor: Schreiber; Associate in Research: Finney; Affiliate Faculty: Bertram, Chen, Gielisse, Haik

Program Overview

The vision of the Department of Chemical Engineering as an educational unit is to be recognized as a place of excellence in fundamental chemical engineering education and life-long learning, and to maintain a national research leadership in several areas of engineering challenge. To attain this vision, the department realizes that it has to continually satisfy its major stakeholders—students, industrial employers, alumni, departmental faculty, the college, the universities, the community, the Accreditation Board for Engineering and Technology (ABET) and other professional societies. The department undergraduate committee is responsible for planning, maintaining and reviewing its curricula content in accordance with the perceived demands of its stakeholders. The department chair and the degree program coordinators implement the curricula as determined by the department curriculum committee, while consulting with the faculty as needed.

Chemical engineering encompasses the development, application, and operation of processes in which chemical, biological, and/or physical changes of material are involved. The work of the chemical engineer is to analyze, develop, design, control, construct, and/or supervise the chemical processes in research and development, pilot-scale operations, and industrial production. The chemical engineer is employed in the manufacture of inorganic chemicals (e.g., acids, alkalis, pigments, fertilizers), organic chemicals (e.g., Petrochemicals, polymers, fuels, propellants, pharmaceuticals, petrochemicals), biological products (e.g., enzymes, vaccines, biochemicals, biofuels), and materials (e.g., ceramics, polymeric materials, paper, biomaterials).

The undergraduate curriculum emphasizes the application of computer analysis in chemical engineering, as well as laboratory instruction in modern, state-of-the-art facilities in the transport phenomena/measurements and unit operations laboratories. In order to meet newly developed interests 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 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 departmental stakeholders.

Program Educational Objectives

The Department of Chemical 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 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);
i. An ability to engage in life-long learning (C3.i);
j. A knowledge of contemporary issues (C3.j); and,
k. An ability to use the techniques, skills, and modern engineering tools necessary for chemical engineering practice (C3.k).

Note: identifications beginning with C, 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, 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 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)

Five diverse areas of study are offered by the department, that reflect new directions in the broader field of chemical engineering. These major options include chemical engineering, environmental engineering-chemical, biochemical engineering, 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.)

Environmental Engineering-Chemical. 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 also to the concept of creating a sustainable society where most products are recycled repeatedly.

Bioengineering. Biochemical engineering is a highly interdisciplinary field that has arisen from the application of chemical engineering principles to the production of materials and processes for biotechnology. A number of processes and products, including fermentation for making alcohols and various foods, the efficient use of enzymes in 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.

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 actually involves large scale processes, such as 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. A bachelor’s degree can provide employment opportunities in biotechnology companies, hospitals and clinics, and government research and monitoring laboratories. A biomedical engineering undergraduate degree provides background for graduate and/or medical school, especially in view of the increasing technological complexity of medical education. 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, biomedical 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 1101;
2. ENC 1102;
3. MAC 2311*;
4. MAC 2312*;
5. MAC 2313*;
6. MAP 2302;
7. CHM 1045/1045L*;
8. PHY 2048/2048L;
9. PHY 2049/2049L;
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 chemical 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, bioengineering, materials 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:

**Chemical Engineering Science and Design**

<table>
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<tr>
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<tbody>
<tr>
<td>ECH 3023</td>
<td>Mass and Energy Balances (4)</td>
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<td>ECH 3101</td>
<td>Chemical Engineering Thermodynamics (3)</td>
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<tr>
<td>ECH 3266</td>
<td>Introductory Transport Phenomena (3)</td>
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<tr>
<td>ECH 3274L</td>
<td>Measurements and Transport Phenomena Laboratory (3)</td>
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<tr>
<td>ECH 3418</td>
<td>Separations Processes (3)</td>
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<tr>
<td>ECH 3854</td>
<td>Chemical Engineering Computations (3)</td>
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<tr>
<td>ECH 4323</td>
<td>Process Control (3)</td>
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<tr>
<td>ECH 4323L</td>
<td>Process Control Laboratory (1)</td>
</tr>
<tr>
<td>ECH 4404L</td>
<td>Unit Operations Laboratory (3)</td>
</tr>
<tr>
<td>ECH 4504</td>
<td>Kinetics and Reactor Design (3)</td>
</tr>
<tr>
<td>ECH 4604</td>
<td>Chemical Engineering Process Design I (4)</td>
</tr>
<tr>
<td>ECH 4615</td>
<td>Chemical Engineering Process Design II (3)</td>
</tr>
<tr>
<td>ECH 4XXX</td>
<td>Chemical Engineering Electives (6) [3 for Biomedical Engineering majors]</td>
</tr>
</tbody>
</table>

**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 science specifically approved by the Chair of the Department of Chemical Engineering.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2211L</td>
<td>Organic Chemistry II Laboratory (3)</td>
</tr>
<tr>
<td>CHM 3120C</td>
<td>Introduction to Analytical Chemistry (4)</td>
</tr>
<tr>
<td>CHM 4135C</td>
<td>Instrumental Analysis (3)</td>
</tr>
<tr>
<td>BCH 4053</td>
<td>General Biochemistry I (3)</td>
</tr>
</tbody>
</table>

**Chemical Engineering Electives.** The two chemical engineering electives (three [3] semester hours each) are to be selected from the 4000 level elective courses offered in the Department of Chemical Engineering.

**Major in Environmental Engineering—Chemical**

**Advanced Chemistry Elective**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 3120C</td>
<td>Introduction to Analytical Chemistry (4)</td>
</tr>
<tr>
<td>CHM 4135C</td>
<td>Instrumental Analysis (3)</td>
</tr>
</tbody>
</table>

**Chemical Engineering Electives**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECH 4781</td>
<td>Chemical Engineering Environmental (3)</td>
</tr>
</tbody>
</table>

**Major in Bioengineering**

**Advanced Chemistry Elective**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 4053</td>
<td>General Biochemistry I (3)</td>
</tr>
</tbody>
</table>

**Chemical Engineering Electives**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECH 4743</td>
<td>Chemical Engineering Bioengineering (3)</td>
</tr>
</tbody>
</table>

**Major in Materials Engineering**

**Advanced Chemistry Elective**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 3120C</td>
<td>Introduction to Analytical Chemistry (4)</td>
</tr>
</tbody>
</table>

**Chemical Engineering Electives**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECH 4823</td>
<td>Introduction to Polymer Science and Engineering (3)</td>
</tr>
<tr>
<td>ECH 4824</td>
<td>Chemical Engineering Materials (3)</td>
</tr>
<tr>
<td>ECH 4937</td>
<td>Special Topics in Chemical Engineering [Molecular Engineering] (3)</td>
</tr>
</tbody>
</table>

**Major in Chemical–Biomedical Engineering**

**Biological Science Prerequisite**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010</td>
<td>Biological Science (3)</td>
</tr>
<tr>
<td>BSC 2010L</td>
<td>Biological Science I Laboratory (1)</td>
</tr>
</tbody>
</table>

**Psychology Liberal Studies Course**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2012</td>
<td>General Psychology (3)</td>
</tr>
</tbody>
</table>

**Advanced Chemistry Elective**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 4053</td>
<td>General Biochemistry I (3) (CHM 4411, Physical Chemistry II is not required for the biomedical major)</td>
</tr>
</tbody>
</table>
Biomedical Engineering Elective (take one)

BME 4082. Biomedical Engineering Ethics (3). Prerequisite: Senior or graduate standing in Biomedical Engineering. This course is an introduction to ethical issues in biomedical engineering. Special emphasis is given to the development of a code of ethics through written work, class discussion and case analysis.

BME 4081. Biomedical Engineering Process Design (3). Prerequisites: BCH 4053; BME 4003C, 4801. Corequisite: Senior standing. This is the first course of a two-semester sequence on the design of biomedical engineering processes and products. The second term focuses on the design of a biomedical engineering process or product using computer-aided design calculations. This is the capstone senior design course in biomedical engineering. An individual design project is completed by each student.

BME 4090. Honors in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Corequisite: Senior standing. Completion in this course of an honors research project that results in higher grades may be used to satisfy the program elective requirement. May be repeated to a maximum of six (6) semester hours.

BME 4096. Honors in Biomedical Engineering (1). Prerequisite: Permission of instructor. Corequisite: Senior standing. This is the second course of a two-semester sequence on the design of biomedical engineering processes and products. The second term focuses on the design of a biomedical engineering process or product using computer-aided design calculations. This is the capstone senior design course in biomedical engineering. An individual design project is completed by each student.

BME 4904. Biomedical Engineering Process Design II (3). Prerequisites: ECH 4053; BME 4003C, 4801. Corequisite: Senior standing. This course is an introduction to medical devices. A systematic introduction to the major principles of biomedical engineering. An individual design project is completed by each student.

BME 4906. Honors in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Corequisite: Senior standing. Completion in this course of an honors research project that results in higher grades may be used to satisfy the program elective requirement. May be repeated to a maximum of six (6) semester hours.

BME 4937r. Introduction to Process Analysis and Design for Chemical Engineers (1). Prerequisite: Permission of instructor. Corequisite: Senior standing. This course will examine the development of process models for equilibrium and dynamic systems. An introduction to chemical process modeling methodology and the use of computers for solving such 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 solving chemical engineering problems. This course also will provide an introduction to the use of chemical process simulators.

Advanced Transport Phenomena (3). Prerequisites: ECH 3264; either CGS 3408 or CGS 3460; MAP 3305. Introduction to the central concepts of practical numerical techniques using computers for solving chemical engineering problems. Includes solution of equations in one variable, interpolation and polynomial approximation, numerical differentiation and integration, initial value problems for ordinary differential equations, direct methods for solving linear systems, iterative techniques in matrix algebra, and variational methods for eigenvalue problems. Special topics include: computer algorithms for numerical solutions, symbol manipulation, and programming.

Biomedical Engineering (3). Prerequisites: ECH 3264; either CGS 3408 or CGS 3460; MAP 3305. Introduction to the central concepts of practical numerical techniques using computers for solving chemical engineering problems. Includes solution of equations in one variable, interpolation and polynomial approximation, numerical differentiation and integration, initialization problems for ordinary differential equations, direct methods for solving linear systems, iterative techniques in matrix algebra, and variational methods for eigenvalue problems. Special topics include: computer algorithms for numerical solutions, symbol manipulation, and programming.
The baccalaureate degree in chemical science is offered to meet the needs of those students whose career goals lie outside chemistry but who 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 advisor. 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 website 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 1045/1045L or CHM 1040 and CHM 1041 or CHM 1045C or CHM 1045E;
2. CHM 1046/1046L or CHM 1046C or CHM 1046E;
3. MAC 2311 or MAC 2281;
4. MAC 2312 or MAC 2282;
5. Choose one of the following sequences:
   a) CHM 2210/2210L and CHM 2211/2211L or CHM 2210C and CHM 2211C;
   or
   b) PHY 2048/2048L and PHY 2049/2049L or PHY 2048C and PHY 2049C or PHY 2053C or PHY 2053/2053L and PHY 2054C or PHY 2054/2054L.

Biochemistry

1. BSC 1010/1010L and BSC 1011L or PCB X010 or PCB X011 or PCB X211 or PCB X211 or BSC X040 or BSC 2012 or ZOO 2010 or BOT 1010 or BSC X041 or BOT 2013;
2. CHM 1045/1045L;
3. CHM 1046/1046L;
4. CHM 2210/2210L*;
5. CHM 2211/2211L*;
6. MAC X312*.

Chemical Sciences

1. CHM 1045/1045L or CHM 1040 and CHM 1041 or CHM 1045C or CHM 1045E;
2. CHM 1046/1046L or CHM 1046C or CHM 1046E;
3. MAC 2311;
4. Choose one of the following sequences:
   a) CHM 2210/2210L* and CHM 2211/2211L;
   or
   b) PHY 2053C and PHY 2054C.

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 chemistry 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 to 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 4610) 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 or 4135C); 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 page. Also required are mathematics through calculus III, two semesters of calculus-based physics, two semesters of computer programming, numerical modeling, advanced statistics, or calculus III. Calculus III is strongly 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 two additional upper-level chemistry courses. Independent research taken as CHM 4905r, Directed Individual Study, or 4906r, Honors Work, may be counted as upper-level chemistry courses, provided that a final report is written by the student. Students planning to obtain ACS certified degrees should have their program of studies approved by an advisor 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, 4411); analytical chemistry (CHM 3120C, 4130C or 4135C); 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 strongly recommended as preparation for physical chemistry. Further, the following biology courses are required: general biology (BSC 2011, 2011L) and one additional laboratory course, and a biology elective from a list obtained from the biochemistry advisor or the departmental website.

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 or 4135C); physical chemistry (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

Premedicine

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 premedical advisors 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, and 2011L. As a chemical science major, they are also advised to take CHM 4135C option for the required second analytical chemistry course. Certain government agencies (e.g. the FBI) recommend a background in accounting.

Oceanography

Students intending to specialize in oceanography are advised to substitute CHM 4130C for 4135C and 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 the undergraduate advisor 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 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 four (4) semester hours of credit in CHM 1020/1020L. Those with a score of 5 or higher will earn credit for CHM 1020/CHM 1020L and CHM 1045C.

Policy on Reduced Credit

Students should register for reduced credit if CHM 1030 is taken after passing CHM 1020, if CHM 1045C is taken after passing CHM 1020, or if CHM 1045C is taken after passing CHM 1030, as indicated in the following table:

<table>
<thead>
<tr>
<th>Sequence of Lecture Courses Taken:</th>
<th>Course</th>
<th>Semester Hours Awarded For Each Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1020 only</td>
<td>CHM 1050</td>
<td>CHM 1045C</td>
</tr>
<tr>
<td>CHM 1030 only</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>CHM 1045C only</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>CHM 1020, then 1030</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1020, then 1045C</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1020, then 1030, then 1045C</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1030, then 1045C</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1045C, then 1030</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

Note: CHM 1020 and 1030 are not preparatory courses for CHM 1045C and should not normally be taken prior to beginning the general chemistry sequence.

Definition of Prefixes

BCH  Biochemistry (Biophysics)
CHM  Chemistry
CHS  Chemistry-Specialized
PSC     Physical Sciences
SCE     Science Education

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 elementary atomic theory, gas laws, states of matter. Credit not allowed for CHM 1020 after taking CHM 1030, 1045C, equivalent.

CHM 1020L.  Chemistry for Liberal Studies Laboratory (1). Prerequisite or Corequisite: CHM 1020. Laboratory, two (2) hours. No credit allowed after taking CHM 1045C. Laboratory emphasizing major topics from CHM 1020; quantitative observations, properties of matter, separation of mixtures.

CHM 1030.  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 1030 after taking CHM 1020 should contact a chemistry advisor to register for reduced credit. Credit not allowed for CHM 1030 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; equations; the states of matter; electronic structure and bonding. Students taking CHM 1045 after taking CHM 1020 and/or CHM 1030 should contact a chemistry advisor 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 (0). 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 higher. Corequisite: CHM 1046L. Elementary thermodynamics; acids and bases; equilibrium; rates and mechanisms of chemical reactions.

CHM 1046C.  General Chemistry II (5). 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;
introduction to quantitative laboratory techniques; and semi-
micro-qualitative analysis of common cations. Course consists of
lectures, readings, and laboratory (must sign up for CHM 1046C to
select meeting time.)

CHM 1046L General Chemistry II Laboratory (5). Lab-
oratory three (3) hours; corequisite: CHM 1046C. Safety goggles and scientific calculator are required for every
day.

CHM 1050 Honors General Chemistry I (3). Lecture.
Prerequisites: MAC 1105 and high school chemistry. Corequi-
site: CHM 1050L. A first general chemistry course intended for
honors students majoring in equivalent quantitative sciences and
an interest in majoring in science. Topics include kinetic theory,
atomic theory of matter, atomic structure and the periodic chart,
condensed phases, introductions to chemical bonding and struc-
ture. Five (5) hours.

CHM 1050L Honors General Chemistry I Laboratory (1), Laboratory, three (3) hours; corequisite: CHM 1050. In-
formation on concentrated solutions. Introduction to the use of the
lab. Topics include stoichiometry, atomic spectra, gases, and acids and bases. Safety goggles and scientific calculator are
required for every day.

CHM 1051 Honors General Chemistry II (3). Lecture.
Prerequisites: CHM 1050 and 1050L, or CHM 1045C; other
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, hy-
drides and oxides of the elements, kinetics, advanced bonding
and structure. Six (6) hours.

CHM 1051L Honors General Chemistry II Laboratory (2), Laboratory conference, one (1) hour; laboratory, five (5)
hours. Corequisite: CHM 1051. Inorganic chemistry. Labo-
atory special projects. Safety goggles and scientific calculator are
required for every day.

CHM 3930r Special Topics in Chemistry (1–3). (S/U grade
only.) May be repeated to a maximum of three (3)
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 4905e Directed Individual Study (3). Prerequisites:
Upperclassmen or in chemistry course. Two (2) hours; corequi-
site: CHM 4090L. Honors Work (1–6). For honors in the
major work only. May be repeated to a maximum of nine (9)
hours.

ISC 3076 Science, Technology, and Society (3). The role
played by science and technology in American society is consi-
dered 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
these sciences flourish. This course 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.

PSC 2801C Physical Science for EE/EE Teachers (4).
This course provides effective science facts for elementary
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 learn-
ing physical science.

SCE 4939r Seminar in Contemporary Science, Math-
ematics, and Science Education (1). See interdisciplinary
science courses in the “College of Arts and Sciences” chapter of
this General Bulletin.

Attention will also be devoted to anthropogenic (xenobiotic)
organic molecules. Discussion of how analytical techniques such
as atomic absorption spectrophotometry and gas chromatogra-
phy provide useful organic biochemical information.

CHM 4130 Advanced Analytical Chemistry (3). Lecture,
three (3) hours. Corequisite: CHM 2210 with a grade of “C” or higher;
PHY 2048C or 2053C. Corequisite: Physical chemistry or consent of instructor. This course is the
lecture portion of CHM 4130C. Not available to undergraduate
chemistry majors. Normally reserved for graduate students who
need a course in chemical instrumentational but who do not exist
the University’s requirement for computer skills is recommended before at-
tempting this course.

CHM 4130C Advanced Analytical Chemistry (4). Lec-
ture, three (3) hours; laboratory, six (6) hours [lab meets for nine
(9) weeks only]. Prerequisites: CHM 3120C with a grade of “C” or
higher. A course in instrumental analysis. An alternative path to
an advanced chemistry major to satisfy the University’s require-
ment for computer skills is recommended before attempting this
course.

CHM 4135C Instrumental Analysis (3). Lecture, two
(2) hours; laboratory, three (3) hours. Prerequisite: CHM 2200.
A survey of modern biochemistry with special emphasis on those
concepts which might be of use to nutrition and food scientists.

CHM 4153C Introduction to Biochemistry (3). Lecture,
two (2) hours; laboratory, two (2) hours. Prerequisite: CHM 4610. Synthesis and characterization of
transitional elements will be included.

Corequisite: CHM 2211. Lectureportion of CHM 2211L.
The first biochemistry course recommended for chem-
istry and biology majors and for students who intend to study medi-
cine, dentistry, pharmacy, nutrition, or other health sciences.

CHM 4153L Biochemistry I Laboratory (3). Prerequisite:
CHM 3120C. Corequisite: CHM 4153. Labo-
atory conference, one (1) hour; laboratory, three (3) hours.
Corequisite: CHM 4153L. Biochemistry I Laboratory (3). Lecture,
two (2) hours; laboratory, six (6) hours. Prerequisite: CHM 2210.
A survey of modern biochemistry with special emphasis on those
concepts which might be of use to nutrition and food scientists.

CHM 4153C Instrumental Analysis (3). Lecture, two
(2) hours; laboratory, three (3) hours. Prerequisite: CHM 2200.
A survey of modern biochemistry with special emphasis on those
concepts which might be of use to nutrition and food scientists.

CHM 4153L Biochemistry I Laboratory (3). Prerequisite:
CHM 3120C. Corequisite: CHM 4153. Labo-
atory conference, one (1) hour; laboratory, three (3) hours.
Corequisite: CHM 4153L. Biochemistry I Laboratory (3). Lecture,
two (2) hours; laboratory, six (6) hours. Prerequisite: CHM 2210.
A survey of modern biochemistry with special emphasis on those
concepts which might be of use to nutrition and food scientists.

CHM 4153C Instrumental Analysis (3). Lecture, two
(2) hours; laboratory, three (3) hours. Prerequisite: CHM 2200.
A survey of modern biochemistry with special emphasis on those
concepts which might be of use to nutrition and food scientists.

CHM 4153L Biochemistry I Laboratory (3). Prerequisite:
CHM 3120C. Corequisite: CHM 4153. Labo-
atory conference, one (1) hour; laboratory, three (3) hours.
Corequisite: CHM 4153L. Biochemistry I Laboratory (3). Lecture,
two (2) hours; laboratory, six (6) hours. Prerequisite: CHM 2210.
Department of CIVIL AND ENVIRONMENTAL ENGINEERING

FAMU—FSU COLLEGE OF ENGINEERING

Chair: J. W. Wekezer; Professors: Dzurik, Hall, Nnaji, Ping, Tawfiq, Yazdani, Associate Professors: Leszcynska, Mienga, Soboano, Spanhoin; Assistant Professors: Abdel Razig, Abdullah, Abichou, Chan Hilton, Huang, Mussa

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 basic and applied research to improve the state of knowledge of civil engineering, to serve as a source of information and advice to the community on engineering matters, and to assist in the continuing education of professional engineers and others interested individuals. The department has a special mission to provide an opportunity for a civil engineering education for minorities and women.

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 those 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 procedures, lab test methods and computer 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 control and management, 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 seismicographs 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 purposes of the college.

The department houses the Institute for Transportation Technologies (ITT), 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 computational server is primarily used by graduate students working as research assistants with departmental faculty. The college computer servers 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 Information 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, hydraulics 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 Environmental Studies.
Department Educational Objectives

Upon completion of their course of study, graduates of the program in civil engineering are expected to be able to accomplish the following:

1. Progress in successful professional careers in civil, environmental or related engineering fields, or will continue their studies at the graduate level;

2. Be engaged 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:

- 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;
- 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;
- An ability to design systems, components, or processes gained through design experiences integrated throughout the curriculum;
- An ability to function on interdisciplinary and multidisciplinary teams;
- An ability to identify, formulate, and solve civil and environmental engineering problems;
- An understanding of ethical and professional practice issues, including project design, execution, and delivery; and the importance of professional licensure and continuing education;
- An ability to communicate effectively;
- The broad education necessary to understand the impact of engineering solutions in a global/societal context;
- A recognition of the need for and an ability to engage in lifelong learning;
- Knowledge of contemporary civil and/or environmental issues;
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice; and,
- 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 curriculum 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 1004, First Year Engineering Laboratory in the freshman year, design components 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

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 1101;
2. ENC 1102;
3. MAC 2311*;
4. MAC 2312*;
5. MAC 2313*;
6. MAP 2302;
7. CHM 1045/1045L*;
8. PHY 2048/2048L;
9. PHY 2049/2049L;
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:

- Possession of a masters degree in civil or environmental engineering or a closely aligned 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 at the Department of Civil and Environmental Engineering.
- Evidence of a 3.0 GPA on a 4.0 scale as an upper level undergraduate or institutional 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 Graduate Record Examination (GRE) score of at least 1000. Exceptions may be granted where other evidence indicates an ability to perform satisfactorily 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 masters degree in civil or environmental engineering or a closely aligned 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.

The Florida State University

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Mathematics and Basic Engineering Sciences

- CCE 3101 Construction Materials (3)
- CCE 3101L Construction Materials Lab (1)
- CEG 2202C Site Investigation (3)
- EEL 3003 Introduction to Electrical Engineering (3)
- EGM 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 3331L Strength of Materials Lab (1)
- EGN 3613 Principles of Engineering Economy (2)
- EML 3100 Thermodynamics (2)

Civil Engineering Science and Design Core Courses (Breadth)

CEG 3011 Soil Mechanics (3)
CES 3100 Structural Analysis (3)
CWR 3201 Hydraulics (3)
CWR 3201L Hydraulics Lab (1)
EES 3040 Introduction to Environmental Engineering Science (3)
EES 3040L Introduction to Environmental Engineering Science Lab (1)
TTE 3004 Transportation Engineering (3)

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; 2. Geotechnical; 3. Transportation; 4. Environmental; or 5. Water Resources.

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

- CGN 4800 Pre-senior Design and Professional Issues (1)
- CGN 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)
- EEL 3003 Introduction to Electrical Engineering (3)
- EES 2205C Environmental Engineering Chemistry (4)
- EES 3040 Introduction to Environmental Engineering Science (3)
- EES 3040L Introduction to Environmental Engineering Science Lab (1)
- EGM 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)
- EML 3100 Thermodynamics (2)

Environmental Engineering Science and Design Core Courses (Breadth)

- CEG 3011 Soil Mechanics (3)
- CWR 3201 Hydraulics (3)
- 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 XXXX Environmental Engineering elective (3)

2. Water Resources
   - CWR 4101 Engineering Hydrology (3)
   - CWR XXXX Water Resources, Hydraulics or Hydrology elective (3)

3. Geotechnical
   - CEG 4801 Geotechnical Design (3)
   - ENV 4341 Solid and Hazardous Waste Management (3)

4. Construction and Transportation
   - CCE 3101 Construction Materials Lab (3)
   - TTE XXXX Transportation elective (3)
   - or
   - CCE XXXX Construction elective (3)

Major Design Experience

- CGN 4800 Pre-senior Design and Professional Issues (1)
- CGN 4802 Senior Design Project (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 GPA of 2.5 or higher 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.

Definition of Prefixes

- CCE — Civil Construction Engineering
- CEG — Civil Geotechnical Engineering
- CES — Civil Engineering Structures
- CGN — Civil Engineering
Undergraduate Courses

CCE 3101. Construction Materials (3). Prerequisite: ENG 3311. Characteristics of construction materials for civil and highway engineering: metals, aggregates, cements, timbers, concrete, and asphalt. Lab and field testing techniques are taught.

CCE 3101L. Construction Materials Laboratory (1). Prerequisite or Corequisite: CCE 3101. Prepare concrete and asphalt samples for testing. Evaluate mixture design, compaction, air content, and density for testing. Operation of field laboratory instruments for measuring air and water quality indicators. Includes site visits.

CWE 4202. Environmental Engineering Science (3). Prerequisite: CHEM 1045, 1045L. Application of fundamentals of environmental engineering. Emphasis is on water and air pollution, their sources and treatment; solid and hazardous waste management.

ENV 4304L. Introduction to Environmental Engineering Science Laboratory (1). Prerequisite: CWE 4202. Corequisite: ENV 4304. Two and three-dimensional equilibrium of particles, rigid bodies, particle and general rigid body motion, work, energy, and impulse and momentum methods. CGE 3311. Environmental Unit Processes and Operations (3). Prerequisites: CHEM 2312, PHY 2048. Corequisite: MAC 2313. Topics in this course include unit operations and systems of particles and rigid bodies, particle and general rigid body motion, work, energy, and impulse and momentum methods.

CWE 4311L. Geoenvironmental Engineering Numerical Modeling (3). Prerequisites: ENV 4304L. Course covers algorithm development and programming; measurement and computational error assessment; application of statistical and computer tools for data analysis; and use of Mathcad software package.

CWR 3311. Soil Mechanics (3). Prerequisite: ECE 3101. Determine physical and mechanical properties of different types of soil using laboratory and field testing techniques. Preparation of reports on laboratory tests and interpretation of results.

CWR 3311L. Site Investigation (3). Prerequisite: MAC 1114. Methods and procedures of surface mapping and sub-surface sections including distance measurements, traverse computations, and topographic mapping. Study of data analysis, field identification of geologic units, and characterization of geologic materials. Use of field equipment and procedures to measure angles and distances, photo interpretation, and coordinates in two and three dimensions.

CWR 3311. Soil Mechanics (3). Prerequisites: CWR 2202C, MAC 3311. 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.

CWR 3311L. Soil Mechanics Laboratory (1). Prerequisite or Corequisite: CWR 3311. Determine physical and mechanical properties of different types of soil using laboratory and field testing techniques. Write detailed report on experimental results and computer evaluation technique (PERT).

CWR 4101. Engineering Hydrology (3). Prerequisites: CWR 3201, 3201L, ECE 3101; or their equivalents. Study of the processes of the hydrologic cycle. Hydrologic analysis for the planning and design of water management systems, use of application program packages.

CWR 4103. Environmental Sciences Engineering (3). Prerequisites: CWE 4202, ECE 3101. Systems approach to complex environmental problems; contemporary environmental issues. Use and development of predictive mathematical analysis techniques applied to the solution of environmental problems, with particular emphasis on linear and dynamic programming.

CWR 4405. Chemical Fate and Transport in the Environment (3). Prerequisites: CWE 3201 or equivalent; CWE 3304, 3304L. Study of the processes of pollutant chemicals transformation in and transport between air, water and soil, and sediments. Use and development of predictive mathematical models for the remediation of existing contaminated sites or prevention of future contamination from new sources.


ENV 4405. Waste Reuse Engineering (3). Prerequisites: CHEM 1045, 1045L; ENV 3400, 3400L. Sources of water and water reuse, pollution control instrumentation, health and social aspects, design of facilities and systems.

EES 4496. Directed Individual Study (1–3). Directed special project/research in an area of civil engineering science not covered in the curriculum. This course may be repeated.

ENV 4901. Environmental Engineering (3). Prerequisites: CHEM 3301, 3301L, EES 3400, 3400L. Investigation of earth materials for storing or disposing of waste or remediating contaminated sites.

EES 4901. Soils and Foundations (3). Prerequisite: ECE 3101. Determine physical and mechanical properties of different types of soil using laboratory and field testing techniques. Preparation of reports on laboratory tests and interpretation of results.

EES 4901L. Soils and Foundations Laboratory (1). Prerequisite: ECE 3101. Study of basic characteristics of soils, columns, and walls and diaphragms. IBC and the NDS specification are used.

EES 4930. Masonry Design (3). Prerequisite: ECI 3300. Design of basic reinforced masonry structures such as walls, columns, and foundations. SBC and code applications are used.

EES 4938. Hydraulics (3). Prerequisite: CEC 3100; ENG 3311. 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.
used in the design of facilities for maintaining water supply quality, wastewater control, and aquatic pollution control. De-
sign of wastewater treatment plants and systems for disposal of
residuals from such facilities.
EN 461. Environmental Impact Analysis (3). Pre-
requisites: EES 3040, 3040L. Analysis of various measures
of environmental quality, Impact of human activity on water,
land, and air resources. Benefit-cost analysis in environmental
impact assessment.
TTE 3004. Transportation Engineering (3). Prereq-
usites: CEG 2202, EGN 2212; junior standing. An intro-
ductive study of all modes of transportation in the United
States with special emphasis on highway planning and design,
construction, operation, management, and safety.
TTE 4201. Traffic Engineering (3). Prerequisite: TTE
Traffic survey procedures, origin-destination studies. Intro-
duction to theory and design of automatic control of traffic
systems.
TTE 4250. Traffic Operations (3). Prerequisites: EGN
2212; TTE 3004. Operation of transportation systems, moni-
toring, regulation, and control traffic.
TTE 4271. Intelligent Transportation Systems (3).
Prerequisites: EGN 3443, TTE 3004. Course covers advanced
traffic management systems (ATMS), advanced traveler in-
formation systems (ATS), advanced vehicle control systems,
commercial vehicle operations, rural ITS, human factors, in-
istitutional issues, architecture and standards, simulation and
modeling.
TTE 4804. Highway Geometric Design (3). Prereq-
usites: CEG 2202C, TTE 3004. Principles and procedures
for the geometric design of highways and streets: consideration of
traffic, land use, and aesthetic factors.

Graduate Courses

CCE 5035. Construction Planning and
Scheduling (3).
CCE 5036. Project Controls in Construction (3).
CEG 5015. Advanced Soil Mechanics (3).
CEG 5065. Soil Dynamics (3).
CEG 5115. Foundation Engineering (3).
CEG 5127. Highway and Airport Pavement
Design (3).
CEG 5415. Groundwater, Seepage, and Drainage
(3).

Department of

CLASSICAL LANGUAGES,
LITERATURE, AND
CIVILIZATION

College of Arts and Sciences

Chair: W. Jeffrey Tatum; Professors: de
Grummond, Glenn, Golden, Tatum; Associate
Professors: Pfaff, Pullen, Sickinger, Assistant
Professors: Fulkerson, Slaveva-Griffin, Stod-
dard, Emeriti Faculty: Plescia, Thompson;
Visiting Professors: Lattimore, Sauter.

The influence of the heart, languages, literatures
and cultures of the Greco-Roman world per-
vades every western and many non-western
societies. Modern America 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 exceptionable. The classics are crucial both to the perpetuation
and to the critique of the western liberal arts
educational tradition.

The Department of Classical Languages, Literature and Civilization is committed to
advancing our knowledge and critical ap-
preciation 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 wel-
comes and encourages innovative methods
and perspectives. The department values the
interdisciplinarity of the classics and strives
to achieve a 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 criti-
cism of received cultural canons.

All courses in classics emphasize criti-
cal 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 multicul-
ural requirement. Further, beginners in Latin
or Greek can be used to fulfill the language re-
quirement of the College of Arts and Sciences.

The faculty in classics is distinguished in
training 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 literary criticism, the archaeology of
Greece and Italy, the political and social history
of Athens and of Rome, and Roman religion.
Many of the classics professorial and elec-
tive courses alike will find in the classics
department. There is an active chapter of Eta
Sigma Phi (the classics honor society) and a
vigorous Student Archaeology Club. The de-
partment conducts its own archaeological field
school in conjunction with its excavation of the
Etruscan/Roman site of Catamarla del Chianti
in Italy, application to which is open to all stu-
dents. Each year the department hosts several
distinguished guest speakers and a visiting
professor of international stature, the Langford
Family Eminent Scholar, who teaches a course
in Italy, application to which is open to all stu-
dents. Each year the department hosts several
distinguished guest speakers and a visiting
professor of international stature, the Langford
Family Eminent Scholar, who teaches a course

For listings relating to graduate course work
for thesis, dissertation, master’s and doctoral ex-
aminations and defense, consult the Graduate
Bulletin.

Classification of Arts, Literature, and Civilization

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ACADEMIC PROGRAMS

Classical Languages, Literature, and Civilization

Chair: W. Jeffrey Tatum; Professors: de
Grummond, Glenn, Golden, Tatum; Associate
Professors: Pfaff, Pullen, Sickinger, Assistant
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or Greek can be used to fulfill the language re-
quirement of the College of Arts and Sciences.

The faculty in classics is distinguished in
training 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 literary criticism, the archaeology of
Greece and Italy, the political and social history
of Athens and of Rome, and Roman religion.
Many of the classics professorial and elec-
tive courses alike will find in the classics
department. There is an active chapter of Eta
Sigma Phi (the classics honor society) and a
vigorous Student Archaeology Club. The de-
partment conducts its own archaeological field
school in conjunction with its excavation of the
Etruscan/Roman site of Catamarla del Chianti
in Italy, application to which is open to all stu-
dents. Each year the department hosts several
distinguished guest speakers and a visiting
professor of international stature, the Langford
Family Eminent Scholar, who teaches a course

For listings relating to graduate course work
for thesis, dissertation, master’s and doctoral ex-
aminations and defense, consult the Graduate
Bulletin.
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**

1. 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**

1. Six to twelve (6–12) semester hours of coursework in Greek 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 advisor as early as possible to choose a course of study best suited to their needs and goals.

**Latin**

1. Six to twelve (6–12) semester hours of coursework in Latin or a demonstration of proficiency by testing or completion of intermediate level.

**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. These hours may be selected from any of the courses listed below. More than twelve (12) semester hours of Latin and Greek may be counted. Either CLA 1010, 1011, 1012, 1014, 1016, 1017, or 1018 is required. 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-three (33) semester hours of coursework. ARH 3130 and 3150 are required in addition to three of the following advanced archaeology courses: ARH 4110, 4118, 4120, 4131, 4151, and 4173. Competence in one ancient language at the third-level semester is required; this requirement may be fulfilled by taking the Greek language sequence of GRE 1120, 1121, and 2230, or the Latin language sequence of LAT 1120, 1121, and 2230. In addition to the twelve (12) semester hours of Latin or Greek chosen in consultation with the departmental adviser and CLA 2010 is recommended. Students are strongly encouraged to take some courses in the Greek or Latin language. Courses beyond the third-level semester in Latin or Greek (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 Classics for outstanding 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 discontinue the requirements for the baccalaureate degree) or at any appropriate higher level.
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, Africa, Asia 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). Survey of the archaeology and art of ancient Egypt, from the Predynastic to the Ptolemaic and Roman periods. Emphasis on the art, architecture, and culture of the Old and New Kingdoms. ARH 4125. Art and Archaeology of the Near East (3). Study of Etruscan art and culture and important monuments and archaeological sites.

ARH 4135. 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 Augustine through Hadrian and important monuments and archaeological sites.

CLT 451R. Directed Individual Study (1–9). May be repeated to a maximum of six (6) semester hours.


CLA 210A. Introduction to Greek and Roman Civilization (3). Introduction to Greek and Roman civilization: survey of Greek and Roman thought and philosophy with readings in translation from outstanding Greek and Roman authors.

CLA 2110. The Greek Way: 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). Survey of the daily life and the political and cultural achievements of the Romans from the founding of Rome to the later Roman Empire.


CLA 3501. Nature of Ancient Science (3). This course introduces students to the history of science, mathematics, medicine and technology in the ancient Near East, ancient India and China, and the world of late antiquity and the Early Middle Ages.

CLA 3502. Homosexuality in Antiquity (3). Combines methods of social science 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 4350R. Women, Children, and Slaves in Ancient Rome: The Roman Family (3). This course examines the historical evidence concerning the position of women and children in Roman society, focusing on the nature of political, economic, and social relationships between the family members.

CLA 4437R. Studies in Roman History (3). Study of specific 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 specific periods of Roman history in the Republic or Empire. May be repeated to a maximum of six (6) semester hours.

CLA 4780R. Classical Archaeology: Fieldwork (1–6). Excavation experience through The Florida State University Field School in Europe. May be repeated to a maximum of twelve (12) semester hours.

CLA 4880. Roman Law (3). Introduction to Roman civil law and the history of Roman legal thought. May be repeated to a maximum of six (6) semester hours.

LA W 3850. Tutorial in Classical Languages (3). Special Topics in Classics (3–9). This course offers studies in specific aspects of Greco-Roman literature and culture.

CLT 435R. Seminar in Classical Civilization (3–6). Prerequisite: Nine (9) semester hours of study in classical civilization or the consent of instructor. Special topics in classical civilization may be offered. May be repeated to a maximum of six (6) semester hours.

CLT 3841. World Building: Greek and Latin Elements in the English Vocabulary (3). An examination of 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 influential authors in English translation, approaches to the study of ancient myth.

CLT 3378. Ancient Mythology, East and West (3). This course will focus on the study of the mythological elements and traditions found in the major traditions of the world, including the following themes: (a) Indo-European influences on the Mediterranean, and influences found in the mythological traditions of selected cultures (e.g., Sumerian, Egyptian, Mayan).

CLT 3380. Ancient Law 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 in relation to the legal and religious institutions of the ancient world. Students will be expected to write papers on selected works from the Greek dramatists, as well as play-reading and interpretation of selected readings from Horace and other Latin authors.


CLT 4340. Greek and Roman Epic (3). Study of the principal epic of the classical world in English translation. CLT 4372R. Studies in Ancient Mythology (3). Special topics in the study of ancient myth and its interpretation. May be repeated to a maximum of six (6) semester hours.

CLT 4381R. Studies in Roman and Latin 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.

CLT 3418. Introduction to Greek and Latin (3). An introduction to the basic grammar and syntax of classical Latin. May be repeated to a maximum of nine (9) semester hours.

CLT 451R. Directed Individual Study (1–9). May be repeated to a maximum of six (6) semester hours.

CLT 4340R. Greek Epic (3). Translation, commentary, and interpretation of readings from selected Greek epic poems. May be repeated to a maximum of six (6) semester hours.

CLT 4351R. Greek Drama (3). Translation, commentary, and interpretation of selected Greek plays. May be repeated to a maximum of six (6) semester hours.

CLT 4352R. Greek Prose Writers (3). Translation, commentary, and interpretation of selected Greek prose writers. May be repeated to a maximum of six (6) semester hours.

CLT 4353R. Word Building: Greek and Latin Elements in the English Vocabulary (3). An examination of Greek and Latin elements in English with special attention to word roots and the development of vocabulary through the application of these roots.

CLT 4354R. Greek and Latin Elements in the English Vocabulary (3). An examination of Greek and Latin elements in English with special attention to word roots and the development of vocabulary through the application of these roots.

CLT 4355R. Greek and Latin Elements in the English Vocabulary (3). An examination of Greek and Latin elements in English with special attention to word roots and the development of vocabulary through the application of these roots.

CLT 4356R. Greek and Latin Elements in the English Vocabulary (3). An examination of Greek and Latin elements in English with special attention to word roots and the development of vocabulary through the application of these roots.

CLT 4357R. Greek and Latin Elements in the English Vocabulary (3). An examination of Greek and Latin elements in English with special attention to word roots and the development of vocabulary through the application of these roots.
Department of COMMUNICATION

College of Communication

Chair: Stephen D. McDowell; Professors: Heald, Korzeny, Mayo, Sapolsky, Young; Associate Professors: Adams, Elmer, Jordan, MacNamara, McDowell, Nudd, Payne, Peikurny, Pomper, Rayburn, Ungurait; Assistant Professors: Houck, McClung, Opel, Pushpauti, Raney; Visiting Assistant Professors: Arpan, Gardner; Visiting Communicators: Alk Ilhan; Assistants in Communication: Halvorsen, Lindsay, Posansky, Rodin, Zeigler; Associate Scholar/Scientist: Grise; Visiting Associate Scholar/Scientist: Dubard; Professors Emeriti: King, Minnink, Phifer, Wotring

The Department of Communication offers a degree in communication with five areas of emphasis. These programs are organized according to various applications of communication skills and expertise in our society. This unique array of studies allows students to select a sequence of courses that directly reflects their own professional, artistic, and/or academic interests. According to the student's emphasis, they can focus on: 1) advertising; 2) communication studies; 3) public relations; 4) mass media studies; and 5) media production.

Each area of emphasis requires a series of courses 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 “Descriptions of Emphasis Areas,” and on the department website at http://www.comm.fsu.edu/comm. While some areas of emphasis are professionally oriented and others stress theory and a liberal arts education, each introduces the student to the broad range of human and mediated communication processes. With few exceptions, the major requires two (2) years to complete.

In terms of both academic criteria and extracurricular accomplishments, the students in the Department of Communication are of the very highest caliber and quality. The high quality of undergraduate students is reflected in the numerous university, state, and national scholarship and fellowship recipients. The exceptional caliber and character of communication students are also proven by their extracurricular activities.

The Speech and Debate Program is considered one of the most experienced, talented squads in the nation. The program philosophy assures each student the best competitive experience possible. It emphasizes quality competition and provides the resources to help each student excel to the best of his or her abilities. Communication students are also involved in broadcasting and cable-casting activities, including radio station WFSU, a variety of sports-related programs as part of Seminole Productions, and broadcasts on WFSU-TV, The Florida State University’s PBS station. Other student activities include the Advertising Club, the student chapter of the Florida Public Relations Association, the student chapter of Women in Communication, and Lambda Pi Eta, the national honor society for undergraduate communication students.

Both in and out of the classroom, the students of the Department of Communication have an established track record of national recognition and achievement. The University’s communication graduates can be found working in virtually every country in the world and every state in the nation. Our graduates occupy productive and prominent positions in government, law, commercial communication, media-related activities, private business interests, and education.

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 website 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:

1. 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:

1. Students applying for admission to public relations, advertising, mass media studies and media production must have an overall GPA of 3.0 or higher on all college course work accepted by The Florida State University. Students applying for admission to communication studies must have an overall GPA of 2.8 or higher on all college coursework accepted by The Florida State University.

2. Students must have passed or been exempted from the CLAST examination before applying.

3. In addition, students must complete the following requirements by the end of the Spring semester in which they are applying:
The Florida State University - http://www.comm.fsu.edu. See individual.

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 website 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 advisor 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 must 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. Upon graduation, students who pursue the 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 section of this General Bulletin. 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.

Note: The required minor is not applicable 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 advisor 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 OCCR (Oral Communication Competency Requirement) 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 website at http://www.fsu.edu/~film.

Description of Emphasis Areas

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. A student applying to this program is 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 complete three to five (3-5) semester hours.

Required Minor. A minor (or second major), approved by your advisor, 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, women’s 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 the Department of Communication and is approved in advance by the faculty advisor 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.


Course Requirements for the Communication Studies Emphasis

1. Required Core Courses: three (3) courses; nine (9) semester hours;
2. Intermediate Communication Courses (3000-level courses): four (4) courses; twelve (12) semester hours;
3. Advanced Communication Courses (4000-level courses): four (4) courses; twelve (12) semester hours;
4. Approved electives in Communication Studies: nine (9) semester hours (3 semester hours must be for letter grade)

Total: forty-two (42) semester hours

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, emerging 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, 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. Students must complete any course with a grade below “C–”.

Required Minor. A minor (or second major), approved by the student’s faculty advisor, 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 “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 advisor and department chair.

**Internship.** An internship (COM 4945r) is 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 Mass Communication Emphasis**

I. **Emphasis in Mass Media Studies**
   
   a) **Core Courses:** twelve (12) semester hours;
   
   b) **Research/Theory Courses:** six (6) semester hours;
   
   c) **Techniques Courses:** three (3) semester hours;
   
   d) **Activities Courses:** three (3) semester hours;
   
   e) **Electives** (includes Internship): fifteen (15) semester hours;

   **Total:** thirty-nine (39) semester hours.

II. **Emphasis in Media Production**
   
   a) **Core Courses:** twelve (12) semester hours;
   
   b) **Research/Theory Courses:** six (6) semester hours;
   
   c) **Techniques Courses:** three (3) semester hours;
   
   d) **Activities Courses:** six (6) semester hours;
   
   e) **Production Courses:** twelve (12) semester hours;

   **Total:** thirty-nine (39) semester hours.

A specific listing of courses is available from the college website at http://www.comm.fsu.edu.

**Definition of Prefixes**

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<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADV</td>
<td>Advertising</td>
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<tr>
<td>COMM</td>
<td>Communication</td>
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<tr>
<td>FIL</td>
<td>Film</td>
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<tr>
<td>MMC</td>
<td>Mass Media Communication</td>
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<tr>
<td>ORI</td>
<td>Oral Interpretation</td>
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<tr>
<td>PUB</td>
<td>Public Relations</td>
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<tr>
<td>RTV</td>
<td>Radio-Television</td>
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<tr>
<td>SPEECH</td>
<td>Speech Education</td>
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<td>SPECM</td>
<td>Speech Communication</td>
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**Undergraduate Courses**

**ADV 3400.** Media Planning (3). Prerequisite: ADV 3000 and COM 5310/3310L. Coordination of advertising and marketing research. Emphasis on the 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 methods and processes. Research design, planning, questionnaire construction, sampling, validity, reliability, write-up, and interpretation.

**ADV 4800.** Creative Strategy II (3). Prerequisite: ADV 3000, 3310L. Creative strategies to generate ideas consistent with the needs of the client's market. Emphasis on selling skills necessary in communicating via print and electronic media; utilizing these skills in creating integrated advertising campaigns.

**COM 3120.** Communication for Organizing (3). Communication and group problem solving in bureaucracies.

**COM 3310.** Communication Processes (3). Prerequisites: STA 2023, STA 3014, or QMB 3200; Corequisite: COM 3310L. Introduction to communication research methods. Lecture, lab, and interpretation and reporting.

**COM 3310L.** Communication Research Methods Laboratory (1). Corequisite: COM 3310. Applications and simulations of communication research methods. Lecture material covering research design, measurement, sampling, data collection, analysis, interpretation, and reporting.

**COM 3332.** New Communication Technology and Contemporary Society (3). Relates the design, development, and use of new communication technologies to personal, economic, and policy implications. Lecture, lab, and discussion groups.

**COM 3510.** Political Communication and Campaigning (3). Campaigns, elections, and American Politics in a communication framework; planning campaign strategies.

**COM 3909r.** Special Topics in Communication (3). A semester of special topics. May be repeated to a maximum of three (3) semester hours; credit not allowed toward a degree.

**COM 4140.** Communication (3). Corequisite: COM 3310. Applications and simulations of communication research methods. Lecture, lab, and interpretation and reporting.

**COM 4140L.** Communication Laboratory (1). Corequisite: COM 4140. Applications and simulations of communication research methods. Lecture, lab, and interpretation and reporting.

**COM 4212.** Fundamentals of Communication Development (3). Emphasizes students to the theory and practice of organizational communication.

**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 strategies.

**COM 4465.** Communication and Conflict (3). Introduces students to the theory and practice of conflict resolution with emphasis on the role of communication.

**COM 4480.** Elements of Film (3). Prerequisite: ADV 3000. An analysis of post-1950 motion pictures. May be repeated to a maximum of six (6) semester hours; duplicate registration allowed.

**COM 4480L.** 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 4905r.** Honors Work (1–6). For students in the University Honors Program. 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. May be repeated to a maximum of four (4) semester hours; duplicate registration allowed.

**COM 4935r.** 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 4945c.** Communication Internship (1–12). (S/U grade only.) Faculty advisor’s approval required. Supervised internship. Credit proportional to scope and significance of work. May not be applied to graduate degrees. Individuals designated to accommodate students’ background and objectives. Instructor approval required. May be repeated to a maximum of three (3) semester hours; credit not allowed toward a degree.

**COM 4945r.** Communication Internship (1–12). (S/U grade only.) Faculty advisor’s approval required. Supervised internship. Credit proportional to scope and significance of work. May not be applied to graduate degrees. Individuals designated to accommodate students’ background and objectives. Instructor approval required. May be repeated to a maximum of twelve (12) semester hours; duplicate registration not allowed.

**FIL 2000.** Elements of Film (3). Prerequisite: FIL 2100. An introduction to the development of film and television as related to level of economic growth, cultural adoption of new ideas.

**FIL 3006.** Film and Television Writing (3). Prerequisite: FIL 2100. An introduction to film and television writing.

**FIL 3503.** The Contemporary Cinema: Theory and Practice (3). Corequisite: FIL 2100. Review and analysis of films with emphasis on technique and industrial evolutions.

**MMC 2000.** Introduction to the Mass Media (3). A historical and social overview of the mass media and their relationship to the mass communication process in a modern society.

**MMC 4210.** Media Legalities (3). Prerequisite: RTV 3003. Review and application of legal requirements involved in the conception and production of media content for radio and television.

**MMC 4240.** Communication and Change: The Diffusion of Innovations (3). An analysis of the process of change under various conditions. May be repeated to a maximum of six (6) semester hours; credit not allowed toward a degree.

**MMC 4465.** Communication and Conflict (3). Introduces students to the theory and practice of conflict resolution with emphasis on the role of communication.

**MMC 4480.** Elements of Film (3). Prerequisite: ADV 3000. An analysis of American broadcasting from the standpoint of communicators, broadcast makers, television, and radio.

**PUR 3500.** Public Relations Internship and Practice: Cases (1–6). (S/U grade only.) Prerequisites: PUR 3000, 3002, 3100. Practical experience in public relations. May be repeated to a maximum of three (3) semester hours; credit not allowed toward a degree.

**PUR 3930.** Public Relations Preparatory Seminar (1). Corequisite: PUR 3000. Designed to introduce students to the procedures and practices of the public relations profession through all organizations using public relations.

**PUR 3940.** Public Relations Techniques (3). Prerequisite: PUR 3000 and 3100. Tools and techniques of public relations. Application of public relations principles.

**PUR 3940r.** Writing for Public Relations (3). Corequisite or prerequisite: PUR 3000. Designed to develop professional-level writing skills for public relations.

**PUR 3950.** Public Relations Research Methods (3). Introduction to public relations research methods. Primarily examines focus groups, content analysis, and survey methodology.

**PUR 3950r.** Public Relations Research Methods (3). Introduction to public relations research methods. Primarily examines focus groups, content analysis, and survey methodology.

**PUR 3950r.** Public Relations Research Methods (3). Introduction to public relations research methods. Primarily examines focus groups, content analysis, and survey methodology.

**PUR 4940r.** Public Relations Internship (1–12). (S/U grade only.) Prerequisite: Public Relations 3940. May be repeated to a maximum of three (3) semester hours; credit not allowed toward a degree.

**RTV 3001.** Media Techniques (3). Introduction to basic principles and terminology associated with photography, film production, and television.

**RTV 3003.** Elements of Broadcasting (3). Surveys American broadcasting from the standpoint of communicators, organizations, content, and audience with special emphasis on research.

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**ACADEMIC PROGRAMS**
RTV 3101. Writing for the Electronic Media (3). Non-fiction writing for television and radio including public affairs, commercials, and documentaries.

RTV 3104. Narrative Writing for Television and Film (3). Development and writing of fictional scripts for television and film.

RTV 3220. Television Production (3). Fundamentals of studio and field production including camera, audio, lighting and production planning using the crew system.

RTV 3221. Single Camera Video Production (3). Prerequisite: RTV 3220. Course addresses direction and production of single-camera video projects including camera, audio, lighting and linear editing.

RTV 3225r. Video Workshop (1-3). (S/U grade only.) Prerequisite: Communication major status. A course designed for students to gain experience in the production of television programs and video projects. May be repeated to a maximum of three (3) semester hours. Duplicate registration allowed.

RTV 3227. Multiple Camera Studio Production (3). Prerequisite: RTV 3220. Direction and production of multiple-camera studio video projects including camera, lighting, audio and live-to-tape switching.

RTV 3234. Television Interviewing and Hosting (3). Lecture-laboratory. Course introduces students to on-camera interviewing and hosting of news and public affairs programs including research and writing components.

RTV 3236. Directing Performance for the Camera (3). Prerequisite: RTV 3220. Students will direct student actors in a workshop setting. Actors and directors will gain experience and appreciation for those on the other side of the camera. Lecture-laboratory.

RTV 3263. Video Post Production (3). Prerequisite: RTV 3220. Advanced editing and post production techniques applied to field and studio projects. Emphasis on digital nonlinear editing systems.


RTV 3920. Television Workshop for Non-Majors (1–3). (S/U grade only.) May not be applied toward communication major. A course designed for students to gain experience in the production of television programs and video projects. May be repeated twice to a maximum of three (3) semester hours.

RTV 3920r. Radio Workshop (1–3). (S/U grade only.) General staff work in any department of the campus student-run radio station. Designed to afford both entry-level training or advanced application of skills. Students must work three (3) hours per week for one (1) hour of credit. May be repeated to a maximum of three (3) semester hours.

RTV 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 broadcasting. May be repeated to a maximum of six (6) semester hours.

RTV 4467r. Television Practicum (3–6). Prerequisites: RTV 3220, 3221. Producing and directing television programs and video projects. May be repeated to a maximum of six (6) semester hours.

RTV 4504. Electronic Media Audience Measurement (3). Prerequisites: ADV 3000; RTV 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 ( Arbitron) and TV (Nielsen) reports; 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.

RTV 4802. Radio-Television Station Operation and Programming (3). Prerequisite: MMC 2000 or RTV 3003. Purpose, function, organization, and programming of the radio and television station with an emphasis on research.

RTV 4970. Senior Thesis in Production (3). Prerequisite: Senior level status; twelve (12) semester hours of 3000 level production courses; instructor permission. A culminating 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 theory, 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 3210. Contemporary Human Communication (3). An introductory course that surveys current scholarship in five areas of communication theory: group, rhetorical, interpersonal, legal, and performance communication.

SPC 3231. Contemporary Rhetorical Theory (3). Prerequisite: SPC 2210. This course examines rhetorical theories of the 20th century, including Burke, Richards, Foucault, Habermas, Fisher and Weaver.

SPC 3233. Classical Rhetoric (3). Prerequisite: SPC 2210. Students examine the origins of rhetorical theory during the classical period. The course emphasizes ideas on rhetoric of Plato, Aristotle, Cicero, and Quintillian.

SPC 3301. Interpersonal Communication (3). A survey of recent literature on interpersonal communication including such topics as self-concept, emotional behavior, interpersonal conflict, and interpersonal attraction.

SPC 3331. Nonverbal Communication (3). Review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kineshetic 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. In order to help students learn 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 3425. Communication in Small Groups (3). This course in small groups includes both cognitive and experiential elements. Students study how small groups function from an interpersonal context perspective.

SPC 3513r. 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 to maximize the usefulness of argument to provide a practical experience for each student.

SPC 3593r. Competitive 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 2210. An analysis of drama as an instrument for the advancement of 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 policy-makers.

SPC 4540. Persuasion (3). A study of the psychology of attitude formation and change including theories of persuasion and 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.

SPC 4630. Public Issues (3). Recommended prerequisite: SPC 2600. Examination of selected social and political issues which affect women today; analysis of content, lines of argument, supporting evidence, and rhetorical strategies.

SPC 4634. Rhetoric of Race Relations (3). History of the struggle for freedom and equality of pre-Civil War Black spokesmen to the 20th-century Black nationalists as evidenced in texts of selected public speeches and reaction to them.

SPC 4635r. Rhetoric of Contemporary Issues (3). Examination and analysis of the problems and questions which confront our society from a rhetorical perspective; how communication skills and strategies have affected our perceptions and understanding of events. May be repeated to a maximum of six (6) semester hours. Duplicate registration is not allowed. Required for all majors. (S/U grade only.)

SPC 4636. Methods of Critical and Rhetorical Analysis (3). Prerequisite: SPC 3231 or 3233. This course examines methods for the practice of doing criticism of rhetorical discourse. Topics include Aristotelian, Metaphor, narrative, post-modern, and cultural approaches to the analysis of text.

SPC 4710. Intercultural/Interracial Communication (3). An exploration of intercultural and interracial communication and the philosophies that underlie the concept.

SPC 4711. Gender and Communication (3). Course will help students understand the role of communication in and process of gender communication (about and between genders) from an interpersonal context perspective.

Graduate Courses

ADV 5503. Media Consumer Behavior (3).

ADV 5505. Media Market Research (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 5305r. Interactive Communication Research (1–3).

COM 5312. Research Methods in Communication (3).

COM 5314. Measurement of Listener-Viewer Atitude and Response (3).

COM 5316. Statistical Methods in Communication Research (3).

COM 5317. Content Analysis in Communication Research (3).

COM 5331r. 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).

The Florida State University
Department of COMMUNICATION DISORDERS

College of Communication

Chair: Richard Morris; Professors: Bourgeois, Goldstein, Hardman, La Pointe, Welker; Associate Professors: Crowley, Morris, Walker; Assistant Professors: Kenker, Lasker, Steriewalt; Visiting Associate Professor: Woods; Associate in Communication Disorders: Blumisack, Hudson; Assistants in Communication Disorders: Justl, Landis, McClung. Professors Emeriti: Haas, Schendel

The mission of the Department of Communication Disorders is to prepare undergraduate and graduate students to demonstrate broad-based knowledge in communication processes and disorders and to integrate theoretical knowledge and research findings with clinical practicum experiences. The program prepares speech-language pathologists to provide effective diagnostic and treatment services to individuals with a wide variety of speech, language, and hearing impairments. It prepares clinical scientists to generate new knowledge pertaining to communication processes and innovative strategies for evaluating and managing communication disorders. The mission is operationalized through clinical and traditional instructional programs, professional and clinical service, and clinical research. The department provides education for students seeking the bachelor of science (BS), master of science (MS), advanced master (AM), and doctor of philosophy (PhD) degrees.

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 entering 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 collateral educational experiences. The L.L. Schendel Speech and Hearing Clinic provides the primary teaching/learning laboratory environment 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 rooms, isolation rooms, non-speech 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 students and faculty with the equipment to 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. More than forty courses are available in the following disciplines: Art Education; Communication Disorders; Family and Child Services; Middle and Secondary Education; Music Education/Therapy; Nursing; Nutrition, Food and Exercise Sciences; Physical Education; Psychology; Social Work; and Special Education.

Requirements for an Undergraduate Major in Communication Disorders

All students 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. Normally, admission requirements are 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 professional 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 of clinical diagnostic and treatment systems 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 coursework.

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 sciences 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 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 disorders in language, 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 competence from the American Speech-Language-Hearing Association and state licensure are not possible until the requirements for the master’s degree are met.

The master’s of speech-language pathology program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association (ASHA) 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 twelve (12) semester hours of departmental courses with a grade of “C” (2.0) or better in each course. At least six (6) of the twelve (12) semester hours must be completed at The Florida State University. Department approval must be obtained before taking any courses as a minor. Please note that a minor in the department does not qualify a student to apply for the 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 3201L. Fundamentals of Phonetics Laboratory (1). Prerequisites: Communication disorders majors only. Corequisite: LIN 3200. Laboratory for LIN 3200.

LIN 3710L. Normal Communication Development (3). Presents an overview of the cognitive, social, and neurological bases of communication development. Delinates the stages of language development for pragmatics, semantics, and syntax. Highlights the language differences of nonstandard English dialects and bilingualism and introduces language disorders.

SPA 1612C. Beginning American Sign Language (4). This course is designed to introduce students to the vocabulary, grammar, and non-verbal aspects of American Sign Language with an emphasis on basic dialogue skills.

SPA 2020. Effective Oral Communication (3). This course surveys and applies selected techniques 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/accents 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 students 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) pragmatic (skills, cultural rules for conversation) when signing dialogues 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. Introduction to Deaf Culture (3), This course is designed to acquaint students with the political, cultural, educational and social parameters of Deaf culture. International and United States perspectives include topics such as Deaf history, language, and culture.

SPA 3000. Introduction to Language Development and Communication Disorders (3). Normal language and speech development in relationship to the anatomy and physiology of the ear, instrument in audiometry, and psychoacoustics.

SPA 3497. Cooperative Education Work Experience (0, S/U grade only.) Undergraduate Seminar in Communication Science (4). Basic acoustics and speech acoustics including frequency, intensity, duration, and wave composition. Integration of psychoacoustics, pitch, loudness, time, and sound quality. Lectures, demonstrations, and required laboratory project.

SPA 3499L. Introduction to Hearing Science (3). An introduction to the anatomy and physiology of the ear, instrumentation in audiometry, and psychoacoustics.

SPA 4050L. Clinical Observation and Practice (3). (S/U grade only.) Prerequisites: SPA 3201, 4104. Supervised practice in therapeutic procedures with persons with various speech-language problems. May be repeated to a maximum of three (3) semester hours.

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 4302. Introduction to Clinical Audiology (3). An introduction to disorders of hearing and the measurement of hearing loss by pure-tone, speech, and impediment 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, and management of aphasia, apraxia, and dementia; also includes communicative problems of patients with right hemisphere damage.

SPA 4451. 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 disorders.

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 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 4905r. Directed Individual Study (1–3). May be repeated to a maximum of eight (8) semester hours. Students may enroll in more than one section to receive credit in the same semester.

SPA 4970r. Honors Thesis in Communication Disorders (1–6). Prerequisites: Admission to honors program and Department Consent. 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 5252r. Speech Production and Swallowing Disorders (3).

SPA 5254. Acquired Neurolinguistic and Cognitive Disorders (3).

SPA 5256. Developmental Speech Disorders (3).

SPA 5301Lt. Audiology Laboratory (1).

SPA 5305Lt. Measurement and Management of Impaired Hearing (1–3).

SPA 5322. Advanced Aural (Re)habilitation (3).

SPA 5354. Industrial Audiology (2).

SPA 5401. Language-Learning Disabilities in School-Age Children (3).

SPA 5404. Communication Intervention: Infants and Preschoolers (3).

SPA 5432. Autism and Severe Communicative Disabilities (3).

SPA 5460. Foundations of Developmental Communication Disorders (3).

SPA 5462. Current Issues in Developmental Communication Disorders (3).

SPA 5500. Clinical Practicum in the Schools (3).

SPA 5505r. Advanced Speech-Language Pathology Practicum (1–3).

SPA 5506r. Advanced Audiology Practicum (1–3).

SPA 5522. Medical Speech Pathology (3).

SPA 5526L. Laboratory in Child Speech-Language Diagnostics (1–3).

SPA 5528L. Laboratory in Adult Speech-Language Diagnostics (1–3).

SPA 5553. Seminar in Clinical Differential Diagnosis (1).

SPA 5553L. Laboratory in Clinical Differential Diagnostics (2).

SPA 5554. Counseling in Speech-Language Pathology (3).

SPA 5554LE. Supervision and Counseling in Speech-Language Disorders (1).


SPA 5562. Advanced Seminar in Augmentative and Alternative Communication (1-3).

SPA 5564. Communication and Aging (3).

SPA 5565. Seminar in Dysphagia (3).

SPA 5646. Communication for Persons Deaf and Hard of Hearing (3).

SPA 5906r. Directed Individual Study (1–3). (S/U grade only.)

SPA 5910r. Supervised Research I (1–5). (S/U grade only.)

SPA 5940r. Supervised Teaching I (1–5). (S/U grade only.)

SPA 5944. Speech-Language Pathology Internship (1–12). (S/U grade only.)

SPA 6140. Seminar in Experimental Phonetics (3).

SPA 6231r. Seminar in Neuropsychologies I (1–3).

SPA 6434r. Seminar on Developmental Disabilities (1–3).

SPA 6804. University Academic and Clinical Teaching Colloquium (0-2). (S/U grade only.)
Department of COMPUTER SCIENCE

COLLEGE OF ARTS AND SCIENCES

Chair: Sudhir Aggarwal; Professors: Aggarwal, Baker, Desmedt, Gallivan, Hawkes, Kohout, Mascal, Ricard, Whalley; Associate Professors: Banks, Schwartz, Turner, Tyson, Yuan; Assistant Professors: Douglas, Liu, McDuffie, VanEngelen, Wang, Yasinsac; Visiting Professors: Burmester, Van Dooren; Visiting Assistant Professors: Duan, Gopalan, Srinivasan; Courtesy Professors: Carpenter, Conrad, Erlebacher, Fox, Gaede, Harmon, Hussaini, Kacmar, Simons, Srivastava; Computing Resources Manager: Sprague; Associates in Computer Science: Baldauf, Ford, Gaitos, Assistants in Computer Science: Chang, Myers, Sprague, Stoecklin; Assistant Scholar/Scientist: Leach

The Department of Computer Science provides students with the fundamental knowledge and technical skills required for a career in computer science. It offers a variety of instruction and research needs. Faculty and graduate students share multiple groups and administrative staff.

The Department of Computer Science has full range of computing facilities available for a variety of instructional and research needs. Faculty and graduate students share multiple groups and administrative staff.

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.

Accreditation

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). The bachelor and master level 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.

Distance Learning

Both of the undergraduate majors (CS and SE) 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.oddf.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 to the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. MAC X311;  
   Note: the following prerequisite courses, though not required for admission into the upper division major, are required for completion of the degree:
2. COP XXXX (introductory programming in Ada, C, C++, or PASCAL or equivalent language);
3. MAC X312;
4. PHYX048/048L;
5. PHYX049/049L or PHYX049C;
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 (academic 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 1105, CGS 1009, Programming in C/C++ or Java) with a 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 of arts in computer science (CS), and software engineering (SE). In the following list of requirements, courses that are required for 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 3101; CEN 4010 (SE); COP 3330, 3331, 3502, 4020 (CS); 4530, 4531, 4610, 4710; COT 4420 (CS); 4425(SE); MAC 2311, 2312; MAD 2104 and MAD 3105, or MAD 3107; SPC 2600; STA 4422; 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 twelve (12) 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. One of the electives must cover an additional programming language not presented in the other required course offerings. Neither CIS 4900, Directed Individual Study (1–4), nor CGS 4406, Object Oriented Programming in C++ (3), will count toward 4000 level CS electives. The student must complete PHY 2048C, 2049C and six (6) additional semester hours of science in a discipline(s) 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 Tower). 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.

Minor

The required collateral courses in mathematics, physics, and statistics constitute an acceptable interdisciplinary minor. Students may contact the undergraduate advisor 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 at or above the 3000 level for which the student has obtained a “C–” or better in a course with one or more prerequisites. Students following this degree 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 — Computing Theory

Note: before taking any 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–” in a course with one or more prerequisites 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 COP 4530 may not subsequently enroll in COP 3330; MAD 2104, or MAD 3107.

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/.

CGS 2060. Computer Literacy (3). May not be applied toward computer science major or minor. Not open to students with credit in CGS 2100. An introduction to information processing and computer applications. Hands-on experience with microcomputer applications such as word processors, spreadsheets, and database managers.

CGS 2062. Computer General Studies (3). Not open to a student following the major option in computer science or to a student with credit in CGS 3063. Impact of computers on society. Discussion of the nature of digital computers and the role of information processing in human affairs. This course does not teach how to use or program the computer but gives an understanding of the implications of the computer and computer science.

CGS 2100. Microcomputer Applications for Business/ Economics (3). Prerequisite: MAC 1105. May be applied towards computer science major or minor. Not open to students with credit in CGS 2060. Course enables students in business, economics, and related fields to become proficient in microcomputer hardware and software applications that are typically used in the workplace. The following topics are covered: hardware and software operating systems; computers and spreadsheets, databases, networks, Internet, world wide web, multi-media presentations and information systems.

COP 2400. Assembly Language Programming (2). Prerequisite: COP 3531. Basic machine organization; number systems and data representation; assembly language programming, including calling conventions for procedures; floating point arithmetic; interrupts and exception handling; advanced architectural features and alternative architectures.

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 will introduce the concepts and techniques that support website development. Students learn to design and implement simple database systems and to create websites that interact with databases.

CDA 3101. Computer Organization (3). Prerequisite: COP 3330, MAD 2104 or 3017. Basic design and organization of modern computers including CPU design, memory, I/O devices, and assembly language programming.

CDA 3120. Digital Networks (3). Prerequisite: MAD 2104. Boolean algebra and switching functions; gates and IC modules; combinational systems, their simplification and decomposition; symmetric functions; threshold logic; sequential machines; analysis and synthesis; design of digital networks and logic systems.

CGS 3066. Introduction to Internet Technology (3). Prerequisite: MAC 1105. A previous course in computer use and familiarity with the Internet. Introduction to Internet terminology, concepts and techniques that support website development. Students learn to design and implement simple database systems and to create websites that interact with databases.

CGS 3408. Introduction to Programming with the C Language (3). Prerequisite: MAC 1140. This course is an introduction to C programming. Topics include pointers, operators, and expressions; control flow; I/O functions and program structure; and software design techniques. Eight to ten programming assignments are required.

CGS 3410. Scientific Programming with FORTRAN (2). Prerequisites: CGS 3408 or COP 2000; MAC 2312. The use of the programming language FORTRAN in the solution of scientific programming problems. Basic syntax of the language, data types, data manipulation statements, I/O, and subprograms. The advanced features of FORTRAN related to scientific applications. Case studies involving problems such as differential equations, numerical integration, and financial computations.

CGS 3460. FORTRAN for Nonspecialists (3). Prerequisite: MAC 1105. May not be applied toward a computer science major. Introduction to FORTRAN problem solving by computer, basic data types, basic control structures, arrays and subroutines, further control structures, subprograms, formatted input/output.


CGS 3943r. Internship in Computer Science (2–3). Prerequisite: CGS 3502. Topic and prerequisites will vary from term to term and section to section. Analyses interesting topics in the area of computer science. Projects may be used as a self-contained study of a 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). (SU grade only) Prerequisites: CGS 4530; successful completion of 60 hours of coursework with a minimum overall GPA of 3.0, including 15 hours in computer science courses (prefixes...
CEN 4610. Expert Systems (3). Prerequisites: COP 3330, MAD 3104. A survey of programming languages and computer architecture. Topics include classical and object-oriented expert systems, interactive software development, and inference engines. This course fulfills the requirement for the degree of Master of Science in Computer Science.

CEN 4613. Programming Languages and Generic Data Structures (3). Prerequisites: COP 3330, MAD 3104 or 3107. An introduction to the Java programming language; developing algorithms using various structured techniques. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 4425. Distributed Systems and Networks (3). Prerequisites: CIS 4407, MAD 2104 or 3107, or permission. Topics include network protocols, routing, and network services. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 4426. Expert Systems (3). Prerequisites: COP 3330, MAD 3104 or 3107. Topics include: the fundamental hardware and software of expert systems, including rule-based systems, neural networks, and genetic algorithms. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 4427. Algorithm Design and Analysis (3). Prerequisites: COP 3330, MAD 3104 or 3107. Oral presentation required. Topics include: the design and analysis of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 4428. Networking Personal Computers (3). Prerequisites: COP 3330, MAD 3104 or 3107. Topics include: the design and analysis of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 5410. Operating Systems and Concurrent Programming (3). Prerequisites: COP 4530, MAD 3104 or 3107. Topics include: operating systems and concurrent programming, time-sharing operating systems; linking, loading, input-output systems, interacting processes, storage management, process and resource control, file systems. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 5411. Theory and Structure of Databases (3). Prerequisites: COP 3330 or CIS 4407, MAD 2104 or 3107. This course covers database management systems, relational database management systems, and SQL; design, development, and implementation issues in database systems. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 5412. Formal Methods in Software Engineering (3). Prerequisites: COP 3330, MAD 3104 or 3107. Topics include: the use of control flow graph, data flow analysis, and model checking in software design. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 5413. Programming Languages (3). Prerequisites: COP 3330, MAD 3104 or 3107. Topics include: the design and analysis of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs. This course fulfills the requirement for the degree of Master of Science in Computer Science.

COT 5414. Operating Systems (3). Prerequisites: COP 3330, MAD 3104 or 3107. Topics include: the design and analysis of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs. This course fulfills the requirement for the degree of Master of Science in Computer Science.
CRIMINOLOGY AND CRIMINAL JUSTICE

SCHOOL OF CRIMINOLOGY AND CRIMINAL JUSTICE

Professors: Blumberg, Chiricos, Doerner, Gertz, Kleck, Maier-Katkin, Waldo; Associate Professors: Bales, Bullington, Coogan, Greek; Assistant Professors: Close, Kerbs, Kutnjak Ivovich, Li, Peterson; Visiting Professor: Hay; Internship Director: Bedard; Professors Emeriti: Bassin, Czajkoski, Jeffery, Kirkham

The School 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 the 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. 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 “School of Criminology and Criminal Justice” chapter in this General Bulletin for additional details on degree requirements, the school, student opportunities, and financial aid.

Requirements

Major Request Process

Students are only admitted to the School of Criminology and Criminal Justice in the Fall and Spring semesters. Students transferring from another institution should complete a major request form to the School of Criminology and Criminal Justice before transferring to The Florida State University.

Minimum Requirements for Acceptance into Major

1. Students must be in good academic standing with the University and have an overall GPA of 2.0 on all college course work accepted by The Florida State University;
2. Students must have passed or been exempted from the CLAST examination before applying;
3. Students must have most liberal studies requirements complete; and
4. It is strongly recommended that all Gordon Rule (writing) classes be complete.

Major Request Form

The major request form is available online at http://www.criminology.fsu.edu/.

Completed major request forms must be received by the School of Criminology and Criminal Justice by 5:00 p.m. on the first business day in February to be considered for fall admission and by 5:00 p.m. on the first business day in October to be considered for spring admission.

Note: applicants are encouraged to enroll in courses in a foreign language, sociology, political science, psychology, philosophy, economics, statistics, and writing.

Academic Performance and Retention

The School of Criminology and Criminal Justice reserves the right to discontinue enrollment of any student in the major at any time if satisfactory academic progress is not being made. Specifically, majors in the School of Criminology and Criminal Justice must make a "C" or better in the five (5) core classes. A student who has accumulated more than 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 School.

A Criminology and Criminal Justice major who applies for readmission to the School 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 five (5) core courses (see below). 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 School 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 The Florida State University in the School of Criminology and Criminal Justice; the University requires the last thirty (30) semester hours prior to graduation be taken at The 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 five (5) core courses are Criminology (CCJ 3011), Law Enforcement (CJE 3110), Courts (CJL 3510), Corrections (CJC 3010), and Introduction to Research Methods in Criminology (CCJ 4700). The core courses are expected to be taken at The 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 3011, 4700, CJL 3510, CJC 3010), and Introduction to Research Methods in Criminology (CCJ 4700). The core courses have been completed for college credit at The Florida State University or elsewhere, whether repeated or not. 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 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 “School of Criminology and Criminal Justice” chapter in this General Bulletin.

Certificates

The School of Criminology and Criminal Justice offers three certificate programs: corrections, law enforcement, and security administration.

Honors in the Major

The School 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
CJJ — Juvenile Justice
CJL — Law and Process

Undergraduate Courses

CCJ 1005. Criminology Freshmen Seminar (3). This course introduces criminology students to pivotal readings and philosophical discussions of theories and ethical principles that underlie the discipline, presenting major criminological concepts to a variety of speakers and opinions related to criminal justice.

CCJ 2020. Introduction to Criminal Justice (3). This course is 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.

CJC 3010. Corrections (3). An overview of correctional philosophies, practices, and procedures.


CCJ 4110. Methods of Offender Treatment Practicum—Men Helping Men (3). Prerequisite: CCJ 4110. Course allows students to implement the theories and methods of treatment in a correctional setting. Students work directly under the professor implementing and co-facilitating abuse and violence intervention.

CCJ 4110. Legal Aspects of Law Enforcement (3). The nature of law enforcement agencies in American jurisprudence—laws of arrest and rules of evidence.

CCJ 4601. Human Behavior (3). The study of the origins of human and deviant behavior from a multidisciplinary approach (biological, psychological, sociological, criminological); addresses major theories and research, including case studies illustrative of deviant behavior such as drug abuse, suicide, mental illness, and sexual deviance.

CCJ 4610. Criminal and Delinquent Behavior (3). An examination of patterns of criminal and delinquent behaviors in the light of theories and classification concepts.

CCJ 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.

CCJ 4662. Minorities, Crime, and Social Policy (3). The involvement of minorities, especially Afro-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 society. Emphasis is made upon the treatment of the various components of the criminal justice system. May require community service hours.

CCJ 4663. Female Crime and Delinquency (3). A flexible forum for the study and discussion of female crime and delinquency.

CCJ 4700. Introduction to Research Methods in Criminology (3). Basic methodological and statistical issues in criminology.

CCJ 4716. Public and Private Security (3). 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.

CCJ 4995c. Directed Individual Study (1–4). A student registered for an individual-study course must submit a proposal, outline, and bibliography and schedule at least one conference a week on campus. May be repeated to a maximum of 12 semester hours. Enrollment requires prior approval of instructor and dean.

CCJ 4990e. Honors in Criminal Justice (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 4931. Seminar in Criminology (3). Varying topics of selected interest and contemporary significance, discussed in a seminar format. May be repeated to a maximum of six (6) semester hours.

CCJ 4938c. Special Topics in Criminology (1–3). Contents of this course vary as instructors present different areas, 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 Criminal Justice (15). (S/U grade only.) Field placement in an approved criminal justice agency for integration of theory and practice through participant observation study.

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 5027. Seminar in Social Justice (3).

CCJ 5028. Seminar in Criminal Justice (3).

CCJ 5029. The Political Economy of Crime and Justice (3).

CCJ 5078. Computer Applications in Criminal Justice (3).


CCJ 5285. Survey of Criminal Justice Studies (3).

CCJ 5309. Penology (3).

CJL 5420. Criminal Laws, Criminal Procedure and Individual Rights (3).

CCJ 5456. Criminal Justice Administration (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

CRITICAL THEORY: see Graduate Bulletin

CZECH: see Modern Languages and Linguistics
Department of DANCE

SCHOOL OF VISUAL ARTS AND DANCE

Chair: Elizabeth Patenaude; Professors: Davis, Farrell, Fichter, Patenaude, Phillips, Sias, Sommer, Young, Zollar; Associate Professors: Austin, Corbin, Humphreys, Morgan, 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 caliber 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 their 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 graduate 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 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 three 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 2610 (3) or DAN 2600 (3);
2. DAN 2611 (3) or DAN 2601 (3);
3. DAA 2610 (2);
4. DAA 2611 (2);
5. DAA 2656 (2) and DAA 2681 (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 in upper level technique classes will continue to be based on individual student proficiency.

Minimum Requirements for the BFA in Dance

1. Dance Technique. Thirty (30) semester hours and fulfillment of proficiency requirement. Dance technique courses include DAA 3108r++, 3109r++, 3208r++, 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 term of the senior year;

2. Dance Composition and Repertory. Ten (10) semester hours including DAA 2610, 2611, 3614, 3654r, 4615;

3. Other Dance Courses. Thirty-seven (37) semester hours, including DAN 3754; Dance Ensemble (four [4] semester hours of DAA 1680r, 2681r, 3684r, or 4685r); DAE 3384; DAN 2100, 2610, 2611, 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, 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 curriculum 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 enroll the maximum semester hours in dance techniques 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 4900r. 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 2203r. Intermediate Ballet—Nonmajors (2). Faculty placement or permission of instructor required. Each course may be repeated to a maximum of twelve (12) semester hours.

DAA 3208r++. Ballet I (1–3). Majors only. Faculty placement or permission of instructor required. Each course may be repeated to a maximum of six (6) semester hours.

DAA 4210r++. Ballet II (1–3). Majors only. Faculty placement or permission of instructor required. Each course may be repeated to a maximum of twelve (12) semester hours.

DAA 4211r++. Ballet III (1–3). Majors only. Faculty placement or permission of instructor required. Each course 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 2103r. Intermediate Contemporary Dance—Nonmajors (2). Faculty placement or permission of instructor required. Each course 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 twenty-four (24) 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 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 sixteen (16) semester hours.

DAA 4685r. 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

DAN 2610–2611. Dance Composition [two (2) hours each], Majors only. Prerequisite: DAN 2610. Exploration of basic rhythmic, spatial, and dynamic materials in the design of dance movements; improvisation and exploration of various ideological aesthetics.

DAN 3614r. Dance Composition (2). Prerequisite: DAA 2611. Study of choreographic forms and structures, musical forms, extended temporal and dynamic studies, components of dramatic and stylistic forms.

DAN 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.

DAN 4615r. Dance Composition (3). Prerequisite: DAN 3614. Extended choreographic process: production of extended choreographic works. Permission of instructor required.

Rhythmic and Musical Theory

DAN 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 rhythmic elements of music with relationship to dance performance and/or choreography.

Notation and Movement Analysis

DAN 3445. Labanotation (5). Prerequisite: DAN 2610. Beginning through intermediate skills are introduced and developed. Theoretical foundations in Labanotation.
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<td>DAN 5190</td>
<td>Theory and Practice in Dance Technique (3).</td>
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<tr>
<td>DAN 5191r</td>
<td>Seminar Studies in Dance History and Research (3).</td>
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<tr>
<td>DAN 5193</td>
<td>History of African American Social Dance of the Twentieth Century (3).</td>
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<tr>
<td>DAN 5508</td>
<td>Visual Design for Choreography (3).</td>
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<tr>
<td>DAN 5905r</td>
<td>Directed Individual Study (2–3).</td>
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<tr>
<td>DAN 5910</td>
<td>Supervised Research (2). (S/U grade only.)</td>
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<tr>
<td>DAN 5930r</td>
<td>Special Topics in Dance (1-3).</td>
</tr>
<tr>
<td>DAN 5960r</td>
<td>Master’s Comprehensive Examination (0).</td>
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<tr>
<td>DAN 5972r</td>
<td>Creative Thesis: Graduate Concert (2–6). (S/U grade only.)</td>
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<tr>
<td>DAN 5973r</td>
<td>Master’s Thesis in American Dance Studies (1–6).</td>
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<tr>
<td>DAN 8976</td>
<td>Master’s Thesis Defense (0).</td>
</tr>
</tbody>
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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

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**DeVoe L. Moore and Family Center for THE STUDY OF CRITICAL ISSUES IN ECONOMIC POLICY AND GOVERNMENT**

**College of Social Sciences**

Director: Keith R. Ihlafeldt; Professors: Barrilleaux, Benson, 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. The center also sponsors annual conferences that bring national leaders and scholars to the University to discuss policy questions.

The center offers a certificate in political economy to all students in the University, irrespective of their major, who complete five recommended courses, including a seminar in political economy.

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**Department of ECONOMICS**

**College of Social Sciences**

Chair: James Cobbe; Professors: Benson, Cobbe, Fournier, Gwartney, Holcombe, Ihlafeldt, Isaac, Macesich, Macpherson, Marquis, Norrin, Rasmussen, Sass, Schlagenauf, Schmertmann; Associate Professors: Beaumont, Mason, McCaleb, Prasad, Zuehlke; Assistant Professors: Burke, Lee, Salmon, Young; Visiting Assistant Professor: Garriga, Heiland; Courtesy Professors: Du Mond, Elzie, Fabricant, Harris, Klick, Stratis; Professors Emeriti: Bell, Downing, Laird, Rockwood, Sliger, Sorensen

The Department of Economics offers an excellent curriculum that is as diversified as the discipline itself. The program strives to make undergraduates aware of the critical issues in economic science and policy, to provide them with a basic understanding of the tools needed to analyze those issues, and to prepare them for academic or professional opportunities beyond the baccalaureate degree. There are two undergraduate majors—the traditional “economics” major and an “applied economics” major.

The Department of Economics cooperates in the following interdivisional programs: international affairs, interdisciplinary program in social science, Asian studies, Russian and East European studies, African American studies, demography, and economic policy and government.

The department’s home page can be found at: http://www.economics.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 program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

**Economics—Social Sciences**

1) ECO X013 and ECO X023 or six (6) semester hours in economic courses (ECO prefix).

**Note:** The Florida State University does not offer an Economics–Business major.

**Requirements**

**Admission**

Admission to the undergraduate program is based upon the availability of faculty and space and upon academic performance. Students with fifty-two (52) or more acceptable semester hours, both ECO 2013 and 2023 completed with a grade of “C” (2.0) or better, a GPA greater than 2.3, and in good standing with the University will receive priority consideration but are not guaranteed admission to the program.

Students are expected to complete the principles sequence (ECO 2013, 2023) before declaring economics or applied economics as a major. The courses may be taken in either order. The department allows students to take the courses in the same semester, but neither recommends nor encourages it.

**Majors**

Majors in economics or applied economics must take at least six (6) semester hours of economics each term until the requirements for the major have been completed. Majors must also complete two of the three required core courses in economic theory by the end of the second term in the major, and the third core course must be completed by the end of the third term as a major. Failure to meet either of these conditions may result in students being dropped from the economics program, in which case such students will have to be accepted in another major before they can register again for classes.

An overall grade of “C” (2.0) average in economics and supporting courses is required of majors. Majors will not receive credit toward the major requirements for economics courses in which a grade of less than “C” has been received. A minimum of fifteen (15) semester hours in economics courses must be taken at The Florida State University.

A student majoring in economics or applied economics must complete the minor requirements specified by a supporting academic department. The selection of a supporting department is subject to the approval of the undergraduate adviser. Students in the applied major may complete a minor in business with only an
additional six (6) semester hours of College of Business courses.

Undergraduate students who intend to major in economics should take ECO 2013, 2023, and the supporting courses before completing liberal studies. Students not completing these requirements in lower division who wish to major in economics must complete all the requirements no later than the end of the junior year.

**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 courses; 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 to be 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**

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 theory are presented. 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, money and monetary theory, present macroeconomic conditions, and aggregate policy alternatives; theory of international trade and the balance of payments; economic growth and development.

ECO 2023. Principles of Microeconomics (3). The course covers consumption, production, and resource allocation from a price system point of view; microeconomic problems and policy alternatives; economics of inequality, poverty; and comparative economic systems.

ECO 3004. Debating Economic Issues (3). Prerequisites: ECO 2013, 2023. Economic analysis applied to current economic policy issues. Topics may include financial markets, social security, debt finance, health care, immigration, global climate change and environmental policy, regulation, welfare reform, labor market discrimination, drug policy, and topics selected by students.

ECO 3104. Applied Microeconomic Analysis (3). Prerequisites: ECO 2013, 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 methods.

ECO 3223. Financial Markets, the Banking System, and Monetary Policy (3). Prerequisites: ECO 2013, 2023. The functions of money, bank creation of deposits, and credit; Federal Reserve control of money supply; and monetary theory and policy questions.

ECO 3303. History of Economic Ideas (3). Prerequisite: any 2000-level ECO course. The evolution of economic ideas from ancient Greece to the modern period emphasizing the relationship between developments in economic analysis and cultural/technological changes. Critique of modern economic analysis in terms of its source in history.


ECO 5933r. Special Topics in Economics (3). Prerequisite: ECO 2013, 2023. This course code is used for special topics of current interest or to benefit from the speciality of visiting faculty. May be repeated to a maximum of six (6) semester hours. May be repeated within the same semester.

ECO 5949r. Cooperative Education Work Experience (1-9). S/U grade only.


ECO 4203. Intermediate Macroeconomic Theory (3). Prerequisite: ECO 2013, 2023. The basic model of income determination is built emphasizing the roles of real and monetary sectors of the economy. Results of empirical work are summarized.

ECO 4224. Issues in Money and Banking (3). Prerequisites: ECO 2013, 2023, 3223. The role of monetary policy in various macroeconomic theories is emphasized. Focus on controversy over the effects monetary policy has on employment, inflation, and interest rates.

ECO 4400. Games and Decisions (3). Prerequisite: ECO 2023. A non-technical introduction to strategic decision-making. Focuses on situations involving conflict and cooperation and on decision making under conditions of uncertainty and ignorance. Applies game theory and decision theory to such topics as bargaining and negotiations, contracting, auctions, and voting.

ECO 4401. Introduction to Mathematical Economics (3). Prerequisites: ECO 2013, 2023, college calculus. Uses mathematical techniques such as probability, matrix algebra, and calculus to better understand fundamental principles of economics. Applies these techniques to policy analysis.

ECO 4423. Introduction to Econometrics (3). Prerequisites: ECO 2013, 2023, STA 2023, 2122 or 4321. This course introduces statistical inference, estimation theory, model building, and forecasting methods. Emphasis is on model building and policy analysis. Extensive use is made of PC econometric software.

ECO 4431. Introduction to Economic Forecasting (3). Prerequisites: ECO 2013, 2023, STA 2023, 2122 or 4321. Provides a hands-on survey of forecasting methods used in business and economics. Students also work extensively with computer-based statistical software to solve actual cases encountered in the business world.

ECO 4455. Experimental Economics (3). Prerequisites: ECO 2013, 2023, STA 2023, 2122 or 4321. Introduces the use to laboratory experimental economics, a relatively new method of economics research in which the classic model of laboratory experimentation is applied to microeconomics. The course is presented using both traditional lecture format and hands-on participation in different experimental economic formats.

ECO 4504. Public Sector Economics (3). Prerequisite: ECO 2023. The logic of collective actions, principles of government expenditures, theory and practice in taxation, shifting and incidence of taxes.

ECP 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 government's decision 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.

ECP 4118. Introduction to Economic Demography (3). Prerequisites: ECO 2013, 2023. This course examines the acquisition of demographic and related socioeconomic data and provides an introduction to the analytical tools and skills necessary to understand and interpret the data.

ECP 4160. Economics of Aging (3). Prerequisites: ECO 2013, 2023. This course considers the factors which cause populations to become older and systematically analyzes the economic consequences of this aging. Topics considered include social security and health care financing.

ECP 4413. Government Regulation of Business (3). Prerequisite: ECO 2023. An introduction to the economic analysis of antitrust law and regulation. Topics include price fixing, monopolization, predatory pricing, exclusive dealing, tier-ins, price discrimination, mergers, antitrust enforcement policies, and case studies in economic regulation.

ECP 4505. Economics of Crime (3). Prerequisites: ECO 2013, 2023. This course examines crime and criminal justice policy using the tools of economics. The focus is on crimes against persons and property, and drug policy. Rational behavior, opportunity cost, markets, bureaucratic behavior, and policy analysis are studied in this context.


ECP 4623. Regional Economics (3). Prerequisites: ECO 2013, 2023. The economics of subareas of nations with special emphasis on regional economic developments. Includes the theory of the location of industry.


ECS 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.

ECS 4333. Transition of Soviet and Eastern European Economies (3). Prerequisites: ECS 2303, ECS 3003. Describes the economics of subareas of nations with special emphasis on economic developments. Includes the theory of the location of industry.

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 5204. Macroeconomic Theory I (3).

ECO 5205. Money and National Income Determination (3).

ECO 5206. Monetary and Financial Economics (3).

ECS 5005. Seminar in Comparative Economics Systems (3).


ECS 5028. Economics in Transition (3).

ECP 5403. Static Optimization in Economics (3).

Department of EDUCATIONAL LEADERSHIP AND POLICY STUDIES

COLLEGE OF EDUCATION

Chair: Carolyn Herrington; Educational Administration/Leadership—Professors: Beckham, Herrington, Irvin, Kunkel, Thomas, Wetherell; Associate Professor: Bianc; Assistants: Flood, Williams; Professors Emeriti: Bolden, Funk, Gant, Hale, Kannwischer, Luebkemann, Rasmussen, Snyder, Stakenas, 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: Cohen-Vogel, Harris, Iatraloa, Milligan, Monkman; Professors Emeriti: Grant, Papagniannis, Schroeder, Shargel, Wallat; Adult Education—Associate Professor: Easton; Professor Emeritus: Jahnns

The Department of Educational Leadership and Policy Studies provides preparation for a wide variety of professional careers in educational administration, higher education, foundations and policy studies. The master’s, specialist in education, and doctoral degrees are offered. Although the department does not offer any undergraduate degrees, 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 two certificates at the graduate level, one in Educational Policy and the other in 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:

- 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

* graduate only

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
ESF — 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. EDA 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
ADE 4860. Organization and Control of Education. Relationships among local school districts, intermediate units, state departments of education, and the federal government. EDF 1005. Introduction to Education (3). This course offers students a broad view of education from historical, cultural, psychological, political, social 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 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 5186. Program Development in Adult Education (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 (3).
ADE 5380. Processes of Community and Adult Education (3).
ADE 5385. Adult Learning (3).
ADE 5675. 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.)
CGS 5310. Information Management Technology in Education (3).
EDA 5051. Introduction to Leadership Development (3).
EDA 5061. Educational Administration (3).
EDA 5109. Educational Management Development (3).
EDA 5192. Educational Leadership (3).
EDA 5218. Application of Leadership Theory (3).
EDA 5222. Personnel Administration in Education (3).
EDA 5227. The Role of the Woman Administrator in Education (3).
EDA 5232. Legal Aspects of Public School Administration (3).
EDA 5242. School Finance (3).
EDA 5288. The Politics of Education (3).
EDA 5423. Decision-Oriented Educational Research (3).
EDA 5506. Organization and Administration of Higher Education (3).
EDA 5569. State Education Policy (3).
EDA 5906r. Directed Individual Study (1–3). (S/U grade only.)
EDA 5910r. Supervised Research (1–4). (S/U grade only.)
EDA 5931r. Special Topics in Educational Administration (1–3).
EDA 5941r. Supervised Teaching (1–4). (S/U grade only.)
EDA 6101. Organizational Theory (3).
EDA 6207. Leadership for School Renewal (3).
EDA 6930r. Departmental Seminar and Research Project (1–3). (S/U grade only.)
EDA 6940r. Internship in Educational Administration (3). (S/U grade only.)
EDA 6449. Survey Research Methods (3).
EDA 5488. Computer Analysis of Educational Data (2).
EDA 5517. History of Education in the United States (3).
EDA 5519. History of Higher Education (3).
EDA 5543. Introduction to Philosophy of Education (3).
EDA 5548. Philosophy of Teaching and Learning (3).
EDA 5551. Social Philosophies and Education (3).
EDA 5612. Education and Culture (3).
EDA 5625. Education and Economic Development (5).
EDA 5626. Economic Evaluation of Education Programs (3).
EDA 5630. Sociology of Education (3).
EDA 5631. Education and Equality (3).
EDA 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 5895r. Comparative Studies in Education (2–5).
EDF 5896. Education and Political Development (3).
EDF 5897. Sociology of Education and Development (3).
EDF 5907r. Directed Individual Study (1–3). (S/U grade only.)
EDF 5911r. Supervised Research (1–4). (S/U grade only.)
EDF 5935r. Special Topics in Foundations of Education (1–3).
EDF 5943r. Supervised Teaching (1–4). (S/U grade only.)
EDF 6475. Qualitative Methods in Educational Research (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 5945s. 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).
EDH 5054. The American Community College: History and Development (3).
EDH 5068. Outcomes of Undergraduate Education (3).
EDH 5081. Leading Change in Higher Education (3).
EDH 5205. Curriculum in Higher Education (3).
EDH 5305. College Teaching: Instruction in Higher Education (3).
EDH 5306. College Teaching: Teaching in the Subject Field (3).
EDH 5405. Legal Aspects of Higher Education (3).
EDH 5406. Ethics and Inquiry (1).
EDH 5504. College and University Institutional Advancement (3).
EDH 5505. Finance in Higher Education (3).
EDH 5631. Academic Leadership and Middle Management in Higher Education (3).
EDH 5906c. Directed Individual Study (1–3). (S/U grade only.)
EDH 5915r. Supervised Research (1–4). (S/U grade only.)
EDH 5931r. Special Topics in Higher Education (1–3).
EDH 5941r. Field Laboratory Internship (1–8).
EDH 5942r. Internship (1–8). (S/U grade only.)
EDH 5943r. Supervised Teaching (1–4). (S/U grade only.)
EDH 5944r. Internship (1–8). (S/U grade only.)
EDH 5946r. Internship in College and Community College Teaching (3).
EDH 6925r. Seminar: Literature, Research, and Professional Writing in Higher Education (3). (S/U grade only.)
EDM 5045. Issues, Trends, and Practices in Middle Level Education (3).
EDS 5941r. Administration and Supervision of Clinical Education (1–3). (S/U grade only.)
EME 5941. Designs for In-Service Personnel Development (3).
ESE 5015. The American High School (3).
ESE 5035. Trends and Innovations in High School Education (3).
EVT 5066. Philosophy and Principles of Comprehensive Vocational Education (3).
EVT 5264. Organization, Administration, and Management of Vocational Education Programs (3).
EVT 5265. Supervision and Development of Vocational Education Staff (3).
EVT 5267. Planning for Vocational Education (3).
EVT 5664. Community Relations in Education (3).
EVT 5760. Designing Research in Educational Leadership (3).
EVT 5905r. Directed Individual Study (1–3). (S/U grade only.)
EVT 5915r. Supervised Research (1–4). (S/U grade only.)
EVT 5930r. Seminar in Vocational Education (1–3).
EVT 5942r. Supervised Teaching (1–4). (S/U grade only.)
EVT 5947r. Internship (1–8). (S/U grade only.)
EVT 6790. Evaluating Vocational Education (3).
EVT 6930r. Seminar in Vocational Research (1–3). (S/U grade only.)
SDS 5040. Student Personnel Work in Higher Education (3).
SDS 5624. The American College Student (3).
SDS 5804. Practicum in Student Personnel Work (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 EDUCATIONAL PSYCHOLOGY AND LEARNING SYSTEMS

#### College of Education

**Chair:** Marcy Driscoll; **Professors:** Driscoll, Keller, Oosterhof, Pargman, Peterson, Pfeiffer, Reiser, Rollin, Sampson, Tenenbaum, Wagner; **Associate Professors:** Kelly, Losh, Prevatt, Tate; **Assistant Professors:** Baylor, Darabai, Dennen, Kamata, Roehrig; **Visiting Assistant Professors:** Eccles, Jeong, Li, Olina, Proctor; **Professors Emeriti:** Beard, Branson, Brewer, Burck, Burkman, Dick, Fletcher, Foster, Hills, Johnson, Kaufman, King, Lathrop, Mancha, Morgan, Quinly

The Department of Educational Psychology and Learning Systems offers degrees only at the masters, 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 educational technology
Graduate certificate in human performance technology
Graduate certificate in online instructional development
Graduate certificate in program evaluation

* graduate only

#### Definition of Prefixes

- **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
- **PET** — Physical Education Theory
- **PSB** — Psychobiology
- **SDS** — Student Development Services
- **SPS** — School Psychology
- **SYP** — Social Processes

#### Undergraduate Courses

EDF 3949r. 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 4430. Classroom Assessment (3). This course prepares prospective 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 learning.

EDF 4440. Measurement and Evaluation in the Classroom (3). Prepares teachers for activities in testing, grading, test construction, and the interpretation and use of test scores.

EDF 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

EDG 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

EME 2400. 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 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

EME 4050. Educational Technology Theory and Practice in Instruction (3). Course focuses on the 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.) May be repeated to a maximum of twelve (12) semester hours.

PET 4214. Sport Psychology (3). Course explores selected psychological theories and applications relevant to sport and exercise behavior.

SDS 3340r. Introduction to Career Development (1–3). Principles and practices of career planning and management including use of self-assessment, career resources, and employability skill guides. May be repeated to a maximum of three (3) semester hours.

SDS 4481. Communication and Human Relations (3). Relevant dimensions of the helping relationship and the development of effective communications skills.

Graduate Courses

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).

EDF 5431. Classroom Assessment (3).

EDF 5432. Measurement Theory I (3).

EDF 5434. Measurement Theory II (3).

EDF 5435. Theory of Scaling (2).

EDF 5443. Measurement and Evaluation in the Classroom (3).

EDF 5445. Assessment of Learning Outcomes (3).

EDF 5448. Scale and Instrument Development (3).

EDF 5461. Introduction to Program Evaluation (3).

EDF 5462. Evaluation of New Educational Programs and Practices (3).

EDF 5464. Qualitative Methods for Program Evaluation (3).

EDF 5481. Methods of Educational Research (3).

EDF 5906r. Directed Individual Study (1–3). (S/U grade only.)

EDF 5910r. Supervised Research (1–4). (S/U grade only.)

EDF 5940r. Supervised Teaching (1–4). (S/U grade only.)

EDF 5941. Internship in Institutional Research (1–8). (S/U grade only.)

EDF 5942r. Field Laboratory Internship (1–8). (S/U grade only.)

EDF 6479. Qualitative Data Analysis (3).

EDF 6930r. Research and Evaluation Seminar (1–2). (S/U grade only.)


EDF 6937e. Seminar in Advanced Research Problems (1–3).

EDG 5932e. Seminar in Instructional Design (1). (S/U grade only.)

EDG 6287. Needs Assessment for Performance and System Planning (3).

EDG 6328. Alternate Views of Teaching and Learning (3).

EDG 6362. Instructional Systems Research Seminar (3).

EDG 6363. Practicum in Experimental Learning Research (5).

EDG 6925. Instructional Materials Development (4).

EDP 5216. Theories of Learning and Cognition in Instruction (3).

EDP 5217. Principles of Learner Motivation (3).

EDP 5275. Development of Children in School (3).

EDP 5285. Group Processes in Instruction (3).


EME 5405. Media, Text, and Technology (3).

EME 5408. Application of Technology in Teaching (3).

EME 5456. Researching the Literature in Open Distance Learning (3).

EME 5457. Introduction to Distance Learning (3).

EME 5601. Introduction to Instructional Systems (3).

EME 5603. Introduction to Systematic Instructional Design (3).

EME 5604. Designing Instructor-Led Courses (3).

EME 5608. Trends and Issues in Instructional Design (3).

EME 5906r. Directed Individual Study (1–3). (S/U grade only.)

EME 5975. Portfolio Review for Certificate Program in Online Instructional Development (0). (S/U grade only.)

EME 6326. Development of Print Courseware (3).

EME 6415. Development of Computer Courseware (3).

EME 6507. Development of Multimedia Instruction (3).


EME 6631. Managing Instructional Development (3).

EME 6635e. Seminar in Advanced Instructional Systems Problems (1–3).

EME 6636. A System Approach to the Management of Change (3).

EME 6691. Performance Systems Analysis (3).

MHS 5005. Foundations of Counseling and Rehabilitation (3).

MHS 5310. Counseling Technology and Information Systems (3).

MHS 5340. Foundations of Career Development (3).

MHS 5341. Career Development Program Design and Evaluation (3).

MHS 5400. Introduction to Counseling Theories and Techniques (4).

MHS 5419. Systems Approach to Counseling (3).

MHS 5511. Group Counseling: Theory and Practice (3).

MHS 5710. Research in Human Services (3).

MHS 5800r. Practicum: Counseling Concepts and Case Management (4).

MHS 5801. Practicum in Counseling and Rehabilitation (4).

MHS 5860r. Supervised Teaching (1–4). (S/U grade only.)

MHS 5905r. Directed Individual Study (1–3).

MHS 5915r. Supervised Research (1–4). (S/U grade only.)

MHS 6220. Individual Appraisal in Counseling (3).

MHS 6300. Theories of Vocational Behavior (3).

MHS 6401. Individual Counseling Theories (3).

MHS 6410. Behavior Management: Principles and Applications (3).

MHS 6600. Consultation and Organizational Development (3).

MHS 6610. Supervision (3).

MHS 6630. Program Development and Evaluation in Counseling (3).


MHS 6805. Advanced Group or Individual Counseling Practicum (1–4).

MHS 6820r. Counseling Internship (3–6). (S/U grade only.)

MHS 6938r. Special Topics in Counseling Psychology (3).

MHS 6970r. Thesis (3–6). (S/U grade only.)

MHS 6973r. Specialist in Education Thesis (3–6). (S/U grade only.)

PCO 5095. Computer Applications in Counseling Psychology and Other Human Services (3).

PCO 6855. Historical, Ethical, and Legal Aspects of Counseling Psychology (3).

PCO 6930. Integrative Seminar (3).

PET 5206C. Youth in Sport (3).


PET 5216. Sports Psychology (3).

PET 5219. Applied Sport and Exercise Psychology (3).

PET 5255. Social Bases of Physical Activity (3).

PET 5390. Measurement in Sport and Exercise Psychology (3).

PET 6217. Stress and Motor Performance (3).

PET 6297. Seminar in Sport Psychology (3).

PSB 5066. Biological Bases of Learning and Behavior (3).

SDS 5820r. Internship (6–12). (S/U grade only.)

SPS 5055. Foundations of School Psychology (3).

SPS 5105. Social-Emotional Disorders of Children and Adolescents: Characteristics and Assessment (3).

SPS 5191. Assessment of Intelligence (4).

SPS 5192. Psychoeducational Assessment and Intervention (4).

SPS 5193. Laboratory in the Assessment of Social-Emotional Problems (2). (S/U grade only.)

SPS 5615. Counseling Children and Adolescents (3).

SPS 5945r. Practicum in School Psychology (3–6). (S/U grade only.)

SPS 6948r. Internship in School Psychology (3–6). (S/U grade only.)

SYP 5105. Theories of Social Psychology (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
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 rapidly evolving and intellectually challenging field of computer engineering. The department requires its graduates to develop a strong understanding of the relevant mathematics, programming and physical 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 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.

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 computer 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 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;
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; telecommunication 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 1101;
2. ENC 1102;
3. MAC 2311*;
4. MAC 2312*;
5. MAC 2313*;
6. MAP 2302;
7. CHM 1045/1045L*;
8. PHY 2048/2048L;
9. PHY 2049/2049L;
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-five (45) hours are engineering core courses (listed below), and thirty-four (34) hours are required electrical and computer engineering courses (listed below).

Engineering Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 3408</td>
<td>C for Non-Specialists (3)</td>
</tr>
<tr>
<td>CHM 1045C</td>
<td>General Chemistry I (4)</td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics (4)</td>
</tr>
<tr>
<td>EGN 3613</td>
<td>Principles of Engineering Economy (2)</td>
</tr>
<tr>
<td>EML 3100</td>
<td>Thermodynamics (2)</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>MAP 3306</td>
<td>Engineering Mathematics II (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>

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 Telecomms (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 4911Lr Senior Design Project Laboratory (2)

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 common required courses listed above and twenty-five (25) semester hours are technical elective courses.

Technical Electives for Electrical Engineering Major

- One (1) semester hour must be an electrical engineering (EE) laboratory elective;
- Twenty-one (21) semester hours must be EE technical electives; and,
- Forty-one (41) semester hours may be an EE or a non-EE elective.

The non-EE technical elective must be selected from a list of departmentally approved courses offered by other departments at The Florida State University. Courses not on the list may be taken with prior approval of the department.

Requirements for a Major in Computer Engineering

Students majoring in computer engineering require one hundred twenty-seven (127) semester credit hours to graduate, of which one hundred and three (103) hours are common required courses listed above. The other twenty-four (24) semester credit hours include twelve (12) semester hours of computer science courses (listed below), six (6) semester hours of required computer engineering courses: EEL 4712, Introduction to Field Programmable Logic Devices (3), and EEL 4713, Computer Architecture (3), and six (6) semester hours of technical electives.

Required Computer Science Courses (12 semester hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 3330</td>
<td>Object Oriented Programming (3)</td>
</tr>
<tr>
<td>COP 4530</td>
<td>Data Structures, Algorithms and Generic Programming (3)</td>
</tr>
<tr>
<td>COP 4610</td>
<td>Operating Systems and Concurrent Programming (3)</td>
</tr>
<tr>
<td>MAD 2104</td>
<td>Discrete Mathematics I (3)</td>
</tr>
</tbody>
</table>

For a current list of technical electives for the computer engineering major, contact the department.

Requirements for a Dual Major in Electrical Engineering and Computer Engineering

Students dual-majoring in electrical engineering and computer engineering must take the common required courses (one-hundred three [103] semester hours), required CS courses (twelve [12] semester hours) and required computer engineering courses: EEL 4712 and EEL 4713 (each three [3] semester hours) plus nineteen (19) semester hours of electrical engineering technical electives and special requirements.

Technical Electives and Special Requirements for a Dual Major

- One (1) semester hour must be an electrical engineering (EE) laboratory elective;
- Fifteen (15) semester hours must be EE technical electives; and,
- Three (3) semester hours should be a second 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 advisor, the academic coordinator, or by visiting the departmental website 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 website (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
Definition of Pre/Prerequisite

EEL 3003. Introduction to Electrical Engineering (3). Prerequisites: MAC 2312; PHY 2049C. Introduction to electrical engineering concepts for non-electrical engineering majors. Course will cover topics including basic circuit theory, semiconductor devices, instrumentation, amplifiers and machines. Not accepted for credit toward BSEE and BSCPE.

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: EEL 3111; Corequisite: MAP 3305. Basic circuit analysis; steady-state analysis; three-phase circuits; transient and forced response; frequency response; two-port networks; circuit analysis with computer-aided design (CAD) software.

EEL 3122. Advanced Circuits with Computers (3). Prerequisite: EEL 3111; Corequisite: MAP 3305. Sinusoidal steady-state analysis; three-phase circuits; transient and forced response; frequency response; two-port networks; circuit analysis with computer-aided design (CAD) software.

EEL 3473. Electromagnetic Fields I (3). Prerequisite: EEL 3300, 3300L. Fundamental topics in basic electromagnetism and advanced topics, such as magnetostatics, electric circuits, electromagnetic waves, field theory. Experiments include field mapping, transmission line analysis, impedance matching, wave guides and cavity resonators, fundamentals of radiation and antennas.

EEL 3570L. Digital Logic Laboratory (1). Prerequisite: EEL 3473, 3506. Foundation of digital logic design, algorithms, computer organization, assembly-language programming, and computer engineering technology.


EEL 3705L. Cooperative Work Experience (0). (S/U grade only.)


EEL 4113. Advanced Linear Networks (3). Prerequisite: EEL 3112, 3135. Synthesis of LC one-port networks symbolically and graphically; filter applications; active filters; approximation methods; switched-capacitor filters.

EEL 4201. Power Systems I (3). Prerequisite: EEL 3216. Analysis of electric power systems using system modeling for large-scale power networks; admittance and impedence matrix method; transmission; power flow; and stability analysis.

EEL 4302. Microwave and Communication Systems (3). Prerequisite: EEL 3216, 3472. Corequisite: EEL 3473. Analysis of various microwave components including transmission lines, waveguides, and cavity resonators, fundamentals of radiation and power, and applications in wireless communications systems and television broadcasting.

EEL 4301. Electronic Circuits and Systems Design (3). Prerequisites: EEL 3300, 3300L. Multistage amplifier analysis and design including feedback and operational amplifiers, A-to-D and D-to-A converters, waveform shaping and waveform forming. Generators and signal processing. Design of linear and nonlinear systems. Introduction to state-space analysis. Dynamic modeling analysis, control design, power semiconductor device, and simulation also are covered.

EEL 4351. Solid-State Electronics Engineering (3). Prerequisite: EEL 3300, 3300L. Device fabrication and solid-state devices. Topics include oxidation, diffusion, metallization, photolithography, and device characterization.

EEL 4376C. Introduction to Analog IC Design (3). Prerequisite: EEL 4301. Design of analog and bipolar and MOS analog integrated circuits. Topics include operational amplifier design, analog multipliers, active loads, current sources, and active filters.

EEL 4411L. Electromagnetics Laboratory (1). Prerequisite: EEL 3216. Laboratory experiments in electromagnetic theory. Experiments include field mapping, transmission line analysis, impedance matching, waveguides, antennas, radar, and fiber optics.

EEL 4440. Optical Electronics and Optical Systems (3). Prerequisite: EEL 3300. Fundamentals and concepts of optical techniques in modern electronics and communications. Includes a study of optical fibers, sources, detectors, optical communication systems, digital signal processing, holography, and principles of optical signal processing.

EEL 4450. Optical Sensors (3). Prerequisites: EEL 3473. This course covers the basic concepts of optical sensors and essentail topics. The course includes intensity, phase, and frequency modulated optical fiber sensors and their applications, distributed sensing systems and optical fibers in signal processing.

EEL 4461. Antenna Systems (3). Prerequisite: EEL 3135. An antenna is a device for the conversion of electrical energy into electromagnetic energy and vice versa. Topics include linear antennas, antenna patterns, array antennas, linear antennas, loops, beams, and waveguides.


EEL 4514. Principles of Communications Systems (3). Prerequisite: EEL 3512. Introduction to Fourier analysis and transform theory; modulation techniques AM, FM, and pulse; and analog multiplexing.


EEL 4540. Radar (3). Prerequisites: EEL 3473, 3512. This course examines basic concepts of radar systems including the radar equation, TRM calculations, random processes and noise, array antennas, beamsteering, doppler and range processing, FM and CW systems, pulse compression systems, synthetic aperture radar, and detection theory. Lecture and laboratory.

EEL 4566. Optical Fiber Communications (3). Prerequisites: EEL 3473, 3512. This course offers a review of the fundamentals of optical systems and the basic conceptual and technical issues of optical communications systems. Topics include optical fibers, light sources, optical detectors and fiber connectors; signal degradation in optical communications systems; and coherent optical fiber communications.

EEL 4596. Advanced Topics in Communications (3). Prerequisites: EEL 3512, 4621. 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 (SNR) for amplitude and angle modulation, design of systems to improve SNR, satellite communication, and mobile communication.

EEL 4635. Analog to Digital Conversion (3). Prerequisites: EEL 3472, 3476. This course presents the fundamental theory of analog to digital conversion, including sampling, quantizing, aliasing, and noise considerations.

EEL 4653. Artificial Intelligence and Machine Learning (3). Prerequisites: CGS 3408 or equivalent; EEL 3135, 3512, 4021. This course covers the fundamentals of wireless communications systems, the mathematical and computational models of wireless communications, the design of new wireless technologies, and the applications of wireless communications to problems in both industry and the home.

EEL 4663. Wireless Communications and Networking (3). Prerequisites: CGS 3408 or equivalent; EEL 3135, 3512, 4021. This course covers the fundamentals of wireless communications systems, the mathematical and computational models of wireless communications, the design of new wireless technologies, and the applications of wireless communications to problems in both industry and the home.

EEL 4672. Introduction to Field Programmable Logic Devices (3). Prerequisites: EEL 3135, 3470L. Overview of CPLD, FPGA devices; introduction to hardware description languages (HDLs); combinational, sequential and systolic circuits; working with HDLs; introduction to top-down design methodologies.

EEL 4713. Computer Architecture (3). Prerequisites: EEL 3216, EEL 3470, EEL 3570. Advanced introduction to computer organization and architecture, including the relationship between hardware and software, performance measurement, machine language, and assembly language programing, operating systems, computer architecture interfacing, and advanced topics, such as caching and pipelining.

EEL 4746. Microprocessor-Based System Design (3). Prerequisites: EEL 3470, 3570. This course provides a basis in the basic principles of computer design, structured assembly-language software design, RTL, CPU design, pipelining and superscoping, computer arithmetic, memory and I/O organization and interface, cache, and design tools.

EEL 4746L. Microprocessor-Based System Design Laboratory (1). Prerequisites: EEL 3705, 3705L. Overview of PDL, CPLD and FPGA devices; introduction to hardware description languages (HDLs); combinational, sequential and systolic circuits; working with HDLs; introduction to top-down design methodologies.

EEL 4905. Senior Design Project (1–3). Prerequisites: Junior-level standing and “B” average in electrical engineering courses, or permission of instructor. May be repeated for credit up to a maximum of six (6) semester hours. Requires department approval.

EEL 4906R. Honors Work in Electrical Engineering (1–3). Prerequisite: Acceptance into the Honors Program. Independent or directed research in a specialized area beyond the current curriculum in electrical engineering. May be repeated for credit up to a maximum of six (6) semester hours. Requires department approval.

EEL 4911. Senior Design Project (1). Prerequisites: Senior standing; permission of instructor. This course introduces students to the design of electrical and computer engineering, and covers the design of systems and devices using analog and digital signal processing, pattern recognition, control, optimization and communications.
dynamics concepts are developed. Oral and written presenta-
tions are required.

EEL 491L. Senior Design Project Laboratory (2).
Prerequisite: EEL 491L. The focus is on a major disciplin-
ary design project in electrical or computer engineering that
involves hardware, software, and/or theoretical design. The
project should incorporate engineering standards and realistic
constraints. Formal oral and written presentations of the project
are required.

EEL 4930r. Special Topics in Electrical Engineering
(1–3). Prerequisite: Instructor consent. Special topics in elec-
trical engineering with emphasis on recent developments. Top-
ics and credit vary; consult the instructor. May be repeated to
a maximum of twelve (12) semester hours.

Graduate Courses

EEL 5173. Signal and System Analysis (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 5486. Advanced Electromagnetic Theory
(3).
EEL 5500. Digital Communication Theory (3).
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 6457e. Advanced Topics in Optoelectronic
Systems (3).
EEL 6502. Digital Signal Processing I (3).
EEL 6558e. 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. Supervised Research in Electrical
Engineering (3).
EEL 6932r. Electrical and Computer Engineering
Seminar (0).
EEL 6971r. Master’s Thesis (1–6). (S/U grade
only.)
EEL 6980e. Dissertation (1–12). (S/U grade only.)
EEL 8964. Preliminary Doctoral Examination
(0). (S/U grade only.)
EEL 8966. Master’s Comprehensive
Examination (0). (S/U grade only.)
EEL 8976. Master’s Thesis Defense (0). (S/U
grade only.)

For listings relating to the master’s and doc-
toral programs in electrical engineering, consult the
Graduate Bulletin.

ELEMENTARY EDUCATION: see Elementary and Early
Childhood Education

Department of ELEMENTARY AND
EARLY CHILDHOOD
EDUCATION

COLLEGE OF EDUCATION

Chair: Ithel Jones; Professors: Flake, Hansen,
Palmer, Scott-Simmons, Wolfgang; Associate
Professors: Clark, Jones, McCarty-Roberts
(Panama City), Piazza; Assistant Professors:
Almarza, Guidry, Lake, Lundeen, Rice; Assis-
tants in Elementary Education: Davis (Panama
City), Rios (Panama City); Professors Emeriti:
Green, Hafner, Kirby, Kirtland, Lynch-Brown,
Schluck, Scott

There are three major areas of specialization in
the Department of Elementary and Early
Childhood Education: early childhood education,
early childhood education, and reading and language
arts education.

The primary missions of the Department of
Elementary and Early Childhood Education 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 find-
ings 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 Elementary and Early Childhood
Education:
Early childhood education +
Elementary education +
Reading education/language arts*

* graduate only
+ limited enrollment

Program requirements for state-approved
director preparation programs are subject to
revision based on changes in Section 1004.04,
Florida Statutes, Public Accountability and
State Approval for Teacher Preparation Pro-
grams, 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 re-
quired for admission into the upper-division
programs and must be completed by the student
at either a community college or a state univer-
sity 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. EDFX005;
2. EDG 2701;
3. EME 2040;
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.

**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 English for Speakers of Other Languages (ESOL) endorsement preparing students with major emphasis to teach ages three, pre-k and kindergarten through 3rd grade.

Each student preparing to teach early childhood (primary) education must take EEC 4204, 4301, 4303, 4400, 4604, 4907r, 4943; EDF 4430; EEX 4070; FLE 4591, 4794; LAE 3414, 4314; MAE 4300; RED 4310, 4510; SCE 4310; SSE 4113. These courses are restricted to admitted early childhood (primary) education majors only and must be taken in 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, camp counseling, teacher aide, substitute teaching, scouting team leader, swimming instructor, camp counseling, teacher aide, substitute teaching, scouting team leader, swimming instructor, or in an early childhood 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 advisors in the Office of Academic Services, 108 Stone Building. All students must complete 1) the Liberal Studies degree requirements 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 based on the following criteria: GPA, SAT/ACT and CLAST (exemptions not accepted), relevant experience, and professional promise.

1. Application form (available in 115 Stone Building or call (850) 644-5458);
2. Transcript of previous coursework and documentation of test scores (SAT/ACT, CLAST) 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.

**Definition of Prefixes**

- 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**

EED 4204. Early Childhood Education Curriculum (3). The design and implementation of thematic curricula and direct instruction appropriate for children age 3 to grade 3. Microteaching required.

EED 4301. Early Childhood Education Foundations. An introductory course to ECE primary education provides a background of ECE theory and research to be used for determining education practices.

EED 4591, 4794. Expressive Arts for the Young Child (4).
- Prerequisites: Block 1, ECE/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.

EEC 4400. Parents as Teachers (3). Examination of the need and importance of parental involvement in the education of young children. Includes strategies for promoting home/school interactions.

EED 4604. Techniques of Child Study and Authentic Assessment (3). Investigates and utilizes data collection techniques/instruments to acquire information about young children.

EED 4905c. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

EED 4907c. Observation and Participation in Early Childhood Education (2–3). (SU grade only) This course offers students direct experiences with young children, orga-
nized 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.

**ECE 4930r** Special Topics in Early Childhood (2–3). 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.

**ECE 4940r** Student Teaching in Early Childhood Education (10). (S/U grade only.)

**LAE 4514.** Literature in the Elementary School (3). Corequisites: Block I. Approaches in building a literature program for the elementary grades. Critical survey of literature for children and consideration of teaching techniques.

**LAE 4514.** Language Arts for the Elementary School (3). Prerequisite: Block I. Corequisite: Block II. Designed to acquaint the prospective childhood teacher with effective strategies for teaching the language arts and to introduce a variety of techniques for assessing growth in the area.

**MAE 4300.** Teaching Mathematics in the Primary Grades (3). To provide an overview of teaching mathematics in the primary grades.

**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: Blocks I and II. Corequisites: Block 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: Blocks I and II. Corequisite: Block III. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.

**SSE 4310.** Elementary School Social Studies (3). Prerequisites: Blocks I and II. Corequisite: Block III. Content, applications, and materials in the social sciences, K–6.

**Graduate Courses**

**ECE 5263.** Thematic Curriculum and Direct Instruction for Young Children (3).

**ECE 5269.** Curriculum and Play for Young Children (3).

**ECE 5305.** Methods and Experiences with Young Children and Families (3).

**ECE 5405.** Teachers and Parents: Partners in Education (3).

**ECE 5525.** Children's Centers (3).

**ECE 5605.** Techniques of Classroom Management and Child Study (3).

**ECE 5615.** Issues and Trends in Early Childhood Education (3).

**ECE 5665.** Historical and Theoretical Bases of Early Childhood Education (3).

**ECE 5671.** Research in Early Childhood Education (3).

**ECE 5906r.** Directed Individual Study (1–3). (S/U grade only.)

**ECE 5911r.** Supervised Research (1–5). (S/U grade only.)

**ECE 5925r.** Special Topics in Early Childhood Education (3).

**ECE 5942r.** Supervised Teaching (1–5). (S/U grade only.)

**ECE 5947.** Field Laboratory Internship (1–8). (S/U grade only.)

**ECE 6516.** Educational Environments for Infants and Toddlers (3).

**ECE 6672.** Theory and Research in Young Children's Play Curriculum (3).

**ECE 6932.** Doctoral Seminar in Early Childhood Education (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.

**ELEMENTARY EDUCATION**

**Professors:** Flake, Hansen; Associate Professors: Clark, McCarty-Roberts (Panama City); Assistant Professors: Almarza, Guidry, Lundeen, Rice; Assistants in Elementary Education: Davis (Panama City), Rios (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. 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 (exemptions not accepted), relevant experience, and professional promise.

1. Application form (available in 115 Stone) or on-line at http://www.fsu.edu/~eece/ElemEduc;
2. Transcript of previous coursework and documentation of test scores (GPA, SAT/ACT, CLAST, exemptions not accepted), relevant experience, and professional promise.
3. Minimum cumulative GPA of 2.5;
4. Three (3) reference forms (available from the department);
5. Application for University Honors in the Major to encourage talented students with a GPA of less than 3.0 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.

**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

**SSE** — Social Studies Education

**Undergraduate Courses**

**EDE 3201.** The Teacher in the Elementary and Middle School (3). Corequisite: Block I. Investigation of the role of the teacher from perspectives of planning, curriculum, organization, management, and problem solving.

**EDE 3322.** The Child in the Elementary and Middle School (3). Corequisite: Block I. Investigation of children from diverse cultural settings in the context of elementary school learning, curriculum, and teaching.

**EDE 4341.** Technology and Learning for Elementary and Middle School (3). Prerequisite: EME 2040 or permission of instructor. Designed to help preprofessional teachers use technology in the development of the students’ language arts and content 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.

**Required Major Courses**

Each student preparing to teach elementary education must take ARE 3311C; EDE 3322, 4341, 4421, 4907; EDF 4210, 4430; EEX 4070; FLE 4171, 4794; LAE 3414, 4314; MAE 3319, 3610, RED 4310, SSE 4310, SSE 4113. These courses are restricted to admitted elementary education majors only and must be taken in sequenced semester blocks. Students must complete all courses within a block with a grade of “C” or better, and maintain a cumulative GPA of 2.5 to be allowed to continue to the next block. For example, courses in Block I must be taken together as a block and are prerequisites for entry into Block II. Please consult the Department of Elementary and Early Childhood Education for a complete listing of course blocks and requirements.

**Note:** all four semesters in the program require field experiences in the public schools. EDE 4943. Student Teaching in Elementary Education, is only offered in the Fall and Spring.

**Student Teaching Alternatives**

Students have an option to complete their student teaching in an approved teaching center on a part-time basis. For 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 3.0 to the local area.
Students will acquire technology skills that will allow them to develop electronic professional portfolios.

EDC 4711. Classroom Management, Legal Issues, Professional Ethics, and School Safety (4). Prerequisites: Blocks I, II, and III; EDF 4430; LIS 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.

EDC 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

EDC 4907r. Directed Field Experiences (1–8). (S/U grade only.) Corequisites: Block 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 Block I, one (1) hour in Block II, and two (2) hours in Block III.

EDC 4943. Student Teaching in Elementary Education (10). (S/U grade only.) Prerequisites: Blocks I, II, and III. Corequisite: Block IV.

EDC 4970r. 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.


LAG 3415. Language Arts for the Elementary School (3). Prerequisite: Block I. Corequisite: Block II. 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 3410. The Teaching of Elementary School Mathematics (3). Prerequisite: Block I and II; Corequisite: Block III. Develops specific instructional techniques to maximize success in the child's learning of mathematics.

MAE 4326. How Children Learn Mathematics (3). Prerequisite: Block I. Corequisite: Block 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; EDF 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: Blocks I and II. Corequisite: Block 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: Blocks I and II. Corequisite: Block 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 5266r. 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 5910r. Supervised Research (1–5). (S/U grade only.)

EDE 5931r. Special Topics in Elementary and Middle School Education (3).

EDE 5940r. Supervised Teaching (1–5). (S/U grade only.)

EDE 6805. Perspectives of Teacher Professional Development (3).

EDE 6935r. Doctoral Seminar in Elementary Education (3).

EDE 6937. Advanced Research Seminar in Elementary Education (3). (S/U grade only.)

EDS 5356. Supervision of Associate Teaching (3). (S/U grade only.)

MAE 5318. The Topics and Teaching of Elementary School Mathematics (4).

MAE 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

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).

LEA 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 Illiterates (3).

RED 5546. Diagnosis of Reading Disabilities (3).

RED 5548. Correction of Reading Disabilities (3).

RED 5564. Trends and Issues in Reading (3).

RED 5865. Leadership Practicum in Reading and Language Arts (3).

RED 5906r. Directed Individual Study (1–3).

RED 5911r. Supervised Research (1–5). (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.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
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. In addition, the department has developed a series which brings editors and agents to the campus for presentations and individual consultations 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 fellowships: the Betty Corry Award for Outstanding Essay Writing, the Cody Harris Allen Undergraduate Writing Award, the Cody Harris Allen Undergraduate Writing Award, the John McKay Shaw Academy of American Poets Award, the George Yost Essay Award, and the Mart P. and Louis Hill English Honors Thesis Award.

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 1101 and ENC 1102; 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).
3. Completion of at least fifty-two (52) semester hours of acceptable college credit with an overall GPA of at least 2.0;
4. Passage of the bachelor of arts (BA) degree examination;
5. Completion of at least fifty-two (52) semester hours of acceptable college credit with an overall GPA of at least 2.0;

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 the 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 included 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
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 prepare them for a career in business. The curriculum combines extensive training in the broad field of 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 advisor.

Definition of Prefixes

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This program is designed for those students who are interested in a liberal education that will at the same time prepare them for a career in business. The curriculum combines extensive training in the broad field of 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 advisor.

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Major in ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT

COLLEGE OF BUSINESS

Director and Jim Moran Professor of Entrepreneurship: Jerome S. Osteryoung; Professors: Coats, Corbett, Guinipero, Hillison, Kaemar, Maroney, Martin, Osteryoung, Perrewé; Associate Professors: Flynn, Matherly; Assistant in Entrepreneurship: Denslow

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.

All entrepreneurship and small business management majors must first 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 and an interview with the ESBM curriculum director. Student applications must be completed by October 1st of each academic year. 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 degree program:

1. ACG X201 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 (3)
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 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:

FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)
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 4113 Managing the Small to Mid-Sized Company (3)
GEB 4131 Entrepreneurial Seminar (3)
GEB 4930 Special Topics in Business (Business Plans) (1–3)

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 ESBM majors only.

GEB 3130. Introduction to Entrepreneurship (3). Prerequisites: 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 4132. 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 consultation 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 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

Family and Child Sciences

Department of FAMILY AND CHILD SCIENCES

COLLEGE OF HUMAN SCIENCES

Chair: Ronald Mullis; Professors: Darling, Krantz, R. Mullis, Raiston; Associate Professors: Cornille, Greenwood, A. Mullis, Readick, Rehm; Assistant Professor: Allison; Associate in Family and Child Science: Mills; Professors Emeriti: Dales, Hansen-Gandy, Hendrickson, Hicks, Pestle, Rapp, Ridley-Bell, Zongker.

The Department of Family and Child Sciences offers undergraduate degrees in two programs: family and child sciences, and family and consumer sciences education.

The family and child sciences program focuses on family relations, marital interaction, parent-child relationships, and the growth and development of children within a life course perspective and from an applied developmental scientific base. The program provides students with an introduction to working in applied settings, including hospitals, human service agencies, education, and child care settings. Internships and practica are made available to majors as part of their learning experience.

The major in family and child sciences includes human sciences general core courses, developmental courses in the major, and an approved area of concentration in an allied field. Internships in applied settings are recommended. The family and child sciences major requires four courses as prerequisites. They include general psychology and general biology or their equivalents. In addition, students must achieve at least a "B-" in FAD 2230 and CHD 3220. Individuals who apply for the major but who have not met prerequisite requirements will be classified as Prerequisite Incomplete (PI).

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 all subject matter areas of human sciences and an understanding of the teaching-learning process. Graduates learn to appreciate the unique needs of the physically and mentally challenged, the economically disadvantaged, elderly populations, and other special-need groups.

The major in family and consumer sciences education includes the specific liberal studies courses, AMH 1000; APB 1150; CHM 1020; ECO 2000; POS 1041; PSY 2012; CGS 2060; and the following courses in the College of Human Sciences: CTE 1401, 1310, 3201; HUN 1201, 4412; FOS 3022, 3022L; HHD 3130; CHD 3220, 3240; FAD 2230; HME 4221; COA 4131 or 3151; HME 3050; HEE 3103, 4150, 4171, 4300, 4343, 4941.

Curriculum guidelines stating specific degree requirements for the two undergraduate majors are available through the Department of Family and Child Sciences, and through our website, 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. 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:

1. One course (three [3] semester hours) with the APB prefix;
2. One course (three [3] semester hours) with the PSY prefix;
3. CHD X220;
4. FAD X230;
5. HUN X201.

Family and Child Sciences

1. CHM X202;
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 2701;
3. EME 2040;
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 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 his or her Associate in Arts (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;

4. An overall GPA of 2.0 or above in all liberal studies or general education course work.

Certifications

The major in family and child sciences with certification in early childhood or elementary education includes human sciences core courses, five courses in the major, and all courses required for the College of Education for teacher certification in Florida. Students must meet current minimum standards for grade point average, SAT/ACT scores, and tests of proficiency for admission to the major with certification.

The family and consumer sciences education major includes the requirements for teacher certification as established by the Florida Department of Education and qualifications 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 further information concerning the “University Honors Office and Honor Societies” chapter of this General Bulletin.

HEE 4912r Honors Work (3). Open to upper-division majors with an overall grade point average of 3.2 and consent of instructor. May be repeated to a maximum of six (6) semester hours.

HEE 4972r Honors Work (3). Prerequisites: Upper division majors with an overall grade point average of 3.5 and consent of instructor. Course provides upper-division 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.

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 the children from birth through middle childhood.

CHD 2420 — Adolescent Growth and Development (3). The study of children from ten (10) years of age to young adulthood.

CHD 3472 — Child Guidance (3). Prerequisites: CHD 3220; FAD 2230, 3220, 4936r. Students will learn principles of positive guidance to approach guiding children during early childhood, middle childhood, and adolescence in a variety of natural contexts. Corequisite: CHD 2391.

CHD 3921 — Tutorial in Applied Developmental Science (1). This course is designed as an orientation to child development and family education.

CHD 4225 — Contexts for Early Childhood Development (3). Prerequisites: CHD 3220; FAD 2230, 3220, 4936r and twelve (12) semester hours in the major. Corequisite: CHD 4805. Students will learn principles to assist relationship activities, and environments for the enhancement of the physical, social, emotional, and cognitive development of young children from birth through the years of age in homes and institutions.

CHD 4250 — Contexts for Middle Childhood/Adolescent Development (3). Prerequisites: CHD 3220; FAD 2230, 3220, 4936r and twelve (12) semester hours in the major. Corequisite: CHD 4805. This course has been designed to examine development in children and adolescents for a period of time. The course is a prerequisite course for practice experiences with these age groups. Consequently, strategies for working with school-age children and adolescents will also be addressed.

CHD 4441 — Practicum in Preschool Development (3). Prerequisite: Senior standing. Normal growth and development from three to five years with emphasis on developmentally appropriate guidance, activities, and environments for preschoolers.

CHD 4451 — Practicum in School Age Development (3). Prerequisite: Senior standing. Normal growth and development from five to eleven years with emphasis on developmentally appropriate guidance, activities, and environments for school age children.

CHD 4461 — Practicum in Infant Development (3). Prerequisite: Senior standing. Normal growth and development from birth to three years with emphasis on developmentally appropriate guidance, activities, and environments for infants and toddlers.

CHD 4530 — Parent Education and Professional Relations (3). Prerequisites: FAD 3220; FAD 2230; or permission of instructor. Special information, techniques, and resources are provided to facilitate home, school, and community relations. Professional interactions with parents, supervisors, and various social agencies are examined.

CHD 4615 — Public Policy: Child and Family Issues (3). Prerequisites: FAD 2230, 3220; plus twelve (12) semester hours in the major. Through readings, lecture, discussion, guest speakers, field work, research, and writing, students will become familiar with the process of formulating, implementing, and evaluating public policy. Family and child issues that have resulted in policy decisions at every level will be identified and current issues that are in need of attention by policy makers will be explored. Research relating to the impact on family policy will be analyzed with emphasis on enhancing the role of family and child professionals in policy process.

Studying CHD 4630: Child Development, Family Issues (3). Prerequisite: FAD 3220 or permission of the instructor. A survey of methods of child study and research.

Directed EDG 4905r Secondary School Child Development (1–3). May be repeated to a maximum of nine (9) semester hours.

CHD 4952r — Special Topics in Child Development: Topics Vary (3–9). Prerequisites: FAD 2230; background knowledge in child development; permission of instructor. Each topic may be taken only once. May be repeated to a maximum of nine (9) semester hours but credit is allowed only once in age level.

CHD 4944r — Internship Child Development (1–12). (S/U grade only.) Prerequisites: Senior standing and permission of instructor. Supervised practical field experiences in various child development related positions. May be repeated to a maximum of 12 semester hours. CHD 2230.

Family Relationships: A Life Span Development Approach (3). A study of families and interpersonal relationships in a changing society. Emphasis is on a life cycle approach to understanding the dynamics of family relationships.

FAD 3220 — Individual and Family Life Span Development (3). Analysis of individual and family development as it applies to professional application in human services.

FAD 3270 — Ecological Contexts for Individual and Family Development (3). Prerequisites: FAD 2230, 3220. An introduction to the overarching theoretical frameworks, providing a basis for understanding individual and family development. This course serves as a foundation for all major courses.

FAD 3432 — Stress and Resilience in Individuals and Families (3). Prerequisites: CHD 2230; FAD 2230, 3220; and twelve (12) semester hours of credit in major. This course provides undergraduate majors with an introduction to family-based, stress-focused mini-theories. The course will provide a framework for understanding the differences between family patterns when families are centered on growth related themes and when they are pre-occupied with a variety of stressors events.

FAD 4229 — Contexts for Adult Development (3). Prerequisites: FAD 2230, 3220; plus twelve (12) semester hours in major. Corequisite: FAD 4805. This course is a prerequisite for practicum experience with the undergraduate major. Students will examine development in adults and learn strategies for enhancing the physical, social, emotional, and cognitive development of adults from an ecological perspective.

FAD 4265 — Contexts for Family Development (3). Prerequisites: CHD 3220; FAD 2230, 3220. Corequisite: CHD 4805. This course is a prerequisite for practicum experience with the undergraduate major. Students will examine development in adults and learn strategies for enhancing the physical, social, emotional, and cognitive development of adults from an ecological perspective.
Finance 205

Department of Finance

College of Business

Chair: Donald A. Nast; Professors: Ang, Brown, Celeg, Clark, Coats, Humphrey, Nosari, Osteryoung, D. Peterson, P. Peterson, Turner; Associate Professors: Benesh, Christiansen, Fors, Coats, Nelson; Service Professor: Brown; Assistant in Finances: Smith; Visiting Assistant Professor: Inci; Fannie Wilson Smith Eminent Scholar in Banking: Humphrey; Bank of America Eminent Scholar in Finance: Ang; SunTrust/Tallahassee Professor of Finance: Nast; Wachovia Professor of Finance: D. Peterson; Jim Moran Professor of Entrepreneurship: Osteryoung; Robert C. Earnest Professor of Finance: Coats

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, investment portals, 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 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 upperdivision degree program:

1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071;
3. CGS X100*

Graduate Courses

Child Development Courses

CHD 5266. Advanced Child Development (3).
CHD 5906r. Directed Individual Study (1–3). (S/U grade only.)

Finance Courses

FAD 4805. Observation and Participation in Applied Developmental Science (3). Prerequisites: CHD 3220; FAD 2230, 3220, and twelve (12) semester hours in the major. Corequisites: CHD 4225, 4250; FAD 4229, 4265. 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 work environment of child and family services and to develop basic intervention skills.

FAD 4905. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of nine (9) semester hours.

FAD 4936r. Special Topics: Family or Housing (3–9). Each topic may be taken only once. Permission of the instructor required. May be repeated to a maximum of nine (9) semester hours.

Family and Consumer Sciences Education

HEE 3103. Philosophy and Methods of Teaching Home Economics (3). Coordination of goals, methods, and media and organization of instructional material and resources. Developing a philosophy of home economics teaching. Observations-participation required.


HEE 4171. Teaching-Independent Living Skills (3). Selected subject matter and teaching methods applicable to improving independent living for special needs populations throughout the life span. Clinical experience.

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 4342. Methods of Teaching for Children (3). Adaptation of curriculum and resource materials for teaching students with special needs and development of occupational home economics programs. Clinical experience.

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 5906r. Directed Individual Study (1–3). (S/U grade only.)

Family Relations Courses

FAD 5261. Families in Crisis (3).
FAD 5481r. College Teaching in Family Sciences (2–3). (S/U grade only.)
FAD 5666. Theories in Marital and Family Therapy (3).
FAD 5900e. Readings in Family and Child Sciences (3).
FAD 5906e. Directed Individual Study (1–3). (S/U grade only.)
FAD 5912r. Supervised Research (1–3). (S/U grade only.)
FAD 5934e. Seminar in Family and Child Sciences (3–9).
FAD 5942r. Supervised Teaching (1–3). (S/U grade only.)
FAD 5944e. Internship-Family/Child (1–12).
FAD 5970. Special Project (3). (S/U grade only.)
FAD 6260. Family Development and Interaction Seminar (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 6660. Professional Studies in Marital and Family Therapy (3).
FAD 6661. Divorce and Post-Divorce Counseling (3).
FAD 6667. Sex Therapy (3).
FAD 6917. Methods of Research (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 5347e. 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 5900e. Readings in Home Economics Education (3–12).
HEE 5905e. Directed Individual Study (1–3). (S/U grade only.)
HEE 5911r. Supervised Research (1–4). (S/U grade only.)
HEE 5915. Methods of Research (3).
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 6936e. Home Economics Research Seminar (1–3).

The Department of Family and Child Sciences through the programs in family relations, child development, 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
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).

**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).
- **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).
- **FIN 4324** Commercial Bank Administration (3).
- **FIN 4424** Short-Term Financial Management (3).
- **FIN 4453** Financial Modeling and Forecasting (3).
- **FIN 4454** Financial Analysis (3).
- **FIN 4474** Information Systems (3).
- **FIN 4475** International Finance Systems (3).
- **FIN 4484** Credit Analysis and Portfolio Management (3).
- **FIN 4494** International Finance Systems (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 Honors 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, income and set 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 financial decisions involved in the investment and dividend decisions of the business firm. Managerial orientation with emphasis on identification, analysis, and solution of financial problems confronting the firm.

- **FIN 4324** Commercial Bank Administration (3). Prerequisites: FIN 4303, 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 4329** 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 3424, 3403. Focuses on 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 3424, 3403. A study of the problems and decision-making perspective of the financial manager. Topics include: cash management, working capital management, capital budgeting, risk analysis, valuation, and short-term financing, dividend decision, and international financial management. Case analyses are included.

- **FIN 4453** Financial Modeling and Forecasting (3). Prerequisites: FIN 4303; QMB 3200. An introduction to financial modeling and forecasting. Emphasizes computer and financial software applications and financial market efficiency.

- **FIN 4454** Financial Analysis (3). Prerequisites: FIN 4303, 3424, STA 3014. An introduction to investment analysis. Includes an examination of investment instruments, the investment environment, the concept of risk-return, and the interaction between the economy, industries, and individual firms.

- **FIN 4514** Security Analysis and Portfolio Management (3). Prerequisites: FIN 4303. An introduction to advanced and comprehensive coverage of investment topics including bond analysis, stock options, commodities, interest rate futures, options on futures contracts, portfolio analysis and management, and security market efficiency.

- **FIN 4604** Multinational Financial Management (3). Prerequisites: FIN 4303, 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, and international financial management activities.

- **FIN 4905r** Directed Individual Study (1–3). This course permits study or an 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 those 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. A seminar designed to allow students to investigate in depth one of the major financial areas. It 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 4950r** Honors Thesis (1–6). This course permits study or an exploration into a specialized topic of finance that is not included in one of the other finance courses. Additional prerequisites may be required depending on the topic.
Department of GEOGRAPHY

College of Social Sciences

Chair: Barney Warf; Professors: Elsner, Kordas, O’Sullivan, Warf; Associate Professors: Baker, Leib; Assistant Professors: Jacobson, Klooster, Savitsky, Stallins, Steinberg; Affiliate and Adjunct Faculty: Miller.

The Department of Geography offers two separate majors focusing on 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 metrological 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 servicing 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:

1. Two introductory courses (six [6] semester hours) in geography with the GEO prefix.
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 in each course; at least eighteen (18) semester hours must be taken in upper level (3000- and 4000-) courses. Note: some of the following courses have pre-requisites.

I. Core Curriculum: All of the following courses (total of fourteen (14) semester hours):
   BSC 2010 Biological Science I and BSC 2010L
   Biological Science I Laboratory (CHM 1045C is prerequisite)
   CHM 1045C General Chemistry I and CHM 1045L General Chemistry I Laboratory
   GEO 1331 Environmental Science
   GEO 3200C Physical Geography

II. Natural Science Electives: Four courses (total of twelve [12] credit hours) from the following list:
   BSC 2011 Biological Science II
   BSC 3052 Conservation Biology
   BSC 3312 Marine Biology
   BSC 4514 Aquatic Pollution Biology
   BSC 4934 Selected Topics in Applied Biology*

III. 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 4340 Living in a Hazardous Environment
   GEO 4357 Environmental Conflict and Economic Development
   GEO 4372 Natural Resource Assessment and Analysis
   GEO 4930 Special Topics in Geography*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GEO 3540</td>
<td>Economic Geography</td>
</tr>
<tr>
<td>GEO 4471</td>
<td>Political Geography</td>
</tr>
<tr>
<td>GEO 4602</td>
<td>Urban Geography</td>
</tr>
<tr>
<td>HIS 4930</td>
<td>Special Topics in History*</td>
</tr>
<tr>
<td>PAD 3003</td>
<td>Public Administration in American Society</td>
</tr>
<tr>
<td>PAD 4603</td>
<td>Administrative Law</td>
</tr>
<tr>
<td>PUP 3002</td>
<td>Introduction to Public Policy</td>
</tr>
<tr>
<td>PUP 4203</td>
<td>Environmental Politics and Policy</td>
</tr>
<tr>
<td>SYD 3020</td>
<td>Population and Society</td>
</tr>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development</td>
</tr>
<tr>
<td>URP 4222</td>
<td>Collective Decision Making</td>
</tr>
<tr>
<td>URP 4314</td>
<td>Introduction to Growth Management and Comprehensive Planning</td>
</tr>
<tr>
<td>URP 4423</td>
<td>Environmental Planning and Resource Management</td>
</tr>
<tr>
<td>URP 4710</td>
<td>Introduction to Transportation Issues and Transportation Planning</td>
</tr>
<tr>
<td>URP 4936</td>
<td>Special Topics in Urban and Regional Planning</td>
</tr>
</tbody>
</table>

* Content of these courses varies. Please consult the environmental studies advisor for applicability.

Undergraduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GEA 1000</td>
<td>World Geography (3). A regional survey of the human occupation of the face of the earth, local cultures, political systems, and development problems.</td>
</tr>
<tr>
<td>GEO 1331</td>
<td>Environmental Science (3). The causes of local and global environmental problems and their impacts, including resource use, pollution, ecosystems, and population growth.</td>
</tr>
<tr>
<td>GEO 1400</td>
<td>Human Geography (3). Introductory survey of world cultures, population problems, global economic restructuring, international development, and political interdependence.</td>
</tr>
<tr>
<td>GEA 2210</td>
<td>United States and Canada (3). The physical diversity and the cultural and political patterns of North America.</td>
</tr>
<tr>
<td>GEA 2270</td>
<td>Florida (3). The physical, social, and economic geography of the state, including growth, and environmental issues.</td>
</tr>
<tr>
<td>GEA 3173</td>
<td>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 &quot;development.&quot;</td>
</tr>
<tr>
<td>GEA 3563</td>
<td>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.</td>
</tr>
<tr>
<td>GEA 3704</td>
<td>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 political-social structures.</td>
</tr>
<tr>
<td>GEA 3803</td>
<td>Map Analysis (3). An introduction to the acquisition, processing, and presentation of cartographic data.</td>
</tr>
<tr>
<td>GEA 3904</td>
<td>Physical Geography (3). An overview of Earth-sun relations, weather, climate, landforms, water systems, soils, and vegetation.</td>
</tr>
<tr>
<td>GEA 4323</td>
<td>Environmental Conflict and Economic Development (3).</td>
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<tr>
<td>GEA 4405</td>
<td>Latin America (3). The contemporary Latin American landscape, its historical formation, societies and problems.</td>
</tr>
<tr>
<td>GEA 4500</td>
<td>Europe (3). Europe’s terrain, variety of cultures, economics, and recent trends toward unity.</td>
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<tr>
<td>GEA 4520</td>
<td>Britain and Ireland (3). The physical and cultural geography of the United Kingdom and Ireland.</td>
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<tr>
<td>GEA 4554</td>
<td>Russia and Eastern Europe (3). The peoples, cultures, and places of the former Soviet Union. Discusses the region’s natural environment, historical development, and contemporary politics.</td>
</tr>
<tr>
<td>GEA 4515</td>
<td>Geographic Information Processing and Systems (3). The processes by which various cultural features have diffused.</td>
</tr>
<tr>
<td>GEA 4550</td>
<td>Latin America (3). The contemporary Latin American landscape, its historical formation, societies and problems.</td>
</tr>
<tr>
<td>GEA 4580</td>
<td>World Geography (3). A regional survey of the human occupation of the face of the earth, local cultures, political systems, and development problems.</td>
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<tr>
<td>GEA 4557</td>
<td>Environmental Conflict and Economic Development (3). Examines controversies over the use, transformation, and destruction of nature, including political ecology.</td>
</tr>
<tr>
<td>GEA 4371</td>
<td>Cultural Geographies (3). The study of the processes by which various cultural features have diffused throughout the world. Emphasis is on the contemporary cultural landscape.</td>
</tr>
</tbody>
</table>

Minor in Environmental Studies

A minor in environmental studies consists of twenty-three (23) semester hours, including Group I (total of [14] semester hours) and one course each from Groups II, III, and IV (total of nine [9] semester hours). All courses must be completed with grades of “C” or better.

For more information, contact Dr. Jay Baker, Undergraduate Advisor, (850) 644-8380 or jbaker@coss.fsu.edu, or visit the department’s website at http://www.fsu.edu/geog.

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 Advisor, Dr. Jonathan Leib, at (850) 644-8375, or jleib@coss.fsu.edu.

Definition of Prefixes

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>GEA</td>
<td>Geography: Regional Areas</td>
</tr>
<tr>
<td>GEO</td>
<td>Geography: Systematic</td>
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</tbody>
</table>
GEO 4450. Medical Geography (3). Prerequisites: GEO 1400, 4185c. Applies geographical concepts and techniques to health-related problems, including the ecology of health disease 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 4480. Urban 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 4703. 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. 

GEO 4905r. Directed Individual Study (1–5). May be repeated to a maximum of nine (9) semester hours. 

GEO 4932r. Special Topics in Geography (3). May be repeated to a maximum of nine (9) semester hours. 

GEO 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. 

Graduate Courses 

GEO 5195. Advanced Area Studies (3). 

GEO 5056. Social Theory and Spatial Structures (3). 

GEO 5058. Survey of Geographic Thought (3). 

GEO 5118C. Introduction to Geographical Research (3). 

GEO 5157. Advanced Geographic Information Systems (3). 

GEO 5159. Geographic Information Processing and Systems (3). 

GEO 5165C. Quantitative Geography (3). 

GEO 5262C. Soils and Landforms (3). 

GEO 5287. Water Resource Analysis (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 5417. Race and Place (3). 

GEO 5425. Cultural Geography (3). 

GEO 5465. Historical Geography (3). 

GEO 5472. Political Geography (3). 

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. CHM 1045/1045L or CHM 1040 and CHM 1041 or CHM 1045C or CHM 1045E; 

2. CHM 1046/1046L or CHM 1046C or CHM 1046E; 

3. GLY 2010C; 

4. MAC 2311; 

5. PHY 2048C or PHY 2048/2048L*; 

6. PHY 2049C or PHY 2049/2049L*; 

7. PHY 2053C*; 

8. PHY 2054C. 

A course in historical geography 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 (1) 

PHY 2048C General Physics A with Laboratory (5) 

PHY 2049C General Physics B with Laboratory (5) 

GLY 2010C Physical Geology (4) 

GLY 2100 Historical Geography (3) 

GLY 2100L Historical Geology Laboratory (1) 

GLY 3200C Mineralogy and Crystallography (3) 

GLY 3200C 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 2010C; 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

ISC 2937. Natural Science Honors Seminar (3).
PSC 2800C. Earth Science for ECE/EE Teachers (4).
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 1000C. Dynamic Earth (3). Introduction to geology as the study of planet Earth, its internal dynamics and its superficial 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 origins 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 limited environment we have inherited. Focused is centered upon the development of conceptual knowledge and upon applying the scientific method to the understanding of our planet.

GLY 1042. Planetary Geology (3). Introduction to the basic geologic processes applied 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, 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 rocks and fossil record; principles of geologic 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 geological phenomena which include volcanic and earthquake hazards, resources and land-use planning, air and water pollution, waste disposal, glaciation and sea-level change, landfills, 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 only if taken under GLY 1000.

GLY 2010C. Physical Geology (4). For majors in geology and natural sciences. Two (2) hour laboratory required. Introduction to surficial processes affecting the 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, current natural resources, history of 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. 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-requisite or Corequisite: GLY 3200C or 3210. Crystal chemistry, and crystallography.


GLY 3310C. Igneous and Metamorphic Petrology (3). Prerequisite: GLY 3220C. Three (3) hour laboratory required. Classification, description, and origin of igneous and metamorphic rocks; relation of these rocks to tectonic processes.

GLY 3340C. Sedimentary Petrology (2). Prerequisite: GLY 3220C. Survey of sedimentary rock types, principles of description and classification, sediment genesis and transport, distribution and origin of sedimentary deposits.

GLY 4000C. Structural Geology (4). Prerequisites: GLY 2100, GLY 3200C or permission of instructor. Plate tectonics and the processes of rock deformation and the deformation of the Earth’s crust.

GLY 3510C. Paleontology (4). Prerequisites: GLY 2100, 2100L. Review of invertebrate biology, with emphasis on hard-part nomenclature; the occurrence, distribution, evolution, and ecology of fossil life.

GLY 4240. Principles of Geochmistry (2). Prerequisites: GLY 2100C; basic chemistry. Crystal chemistry of silicates and other chemical principles applied to igneous, metamorphic, and sedimentary environments and processes; chemistry of natural aqueous systems; chemical equilibria of geologic and biologic interest.

GLY 4451. Introduction to Geophysics (3). Prerequisites: MAP 2302; PHY 2049 or consent of instructor. Plate tectonics and current methods of probing the interior: seismology and seismic tomography, geometrics, geo and gravity, geochronology and geothermometry, heat flow, mantle convection, and the geodynamo.

GLY 4511. Principles of Stratigraphy (3). Prerequisite: GLY 3340C. Analysis and synthesis of stratigraphic sequences. Depositional systems; physical and biostratigraphy; geochronology and chronostratigraphy; magnetic, seismic, and sequence stratigraphy; tectonic vs. climatic controls. Term paper required.

GLY 4551. Sedimentology (2). Prerequisite: GLY 3200C. Study of modern and ancient sedimentary deposits, processes of sediment transport modes, classification of sediments and sedimentary rocks, statistical reduction of sedimentologic data. Field trip required. Students concentrating in sedimentary geology are strongly 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 analysis, X-ray diffractometry, 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 4703C. 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, research cruise for familiarization with marine geologic sampling and sensing devices. Credit received for GLY 4703 precludes credit being received for GLY 4551L. GLY 4700C.

GLY 4750. Geological Field Methods (1). (S/U grade only) Corequisite: GLY 3400C. Provides a working knowledge of the techniques and tools which are essential to geological field research, the professional geologist, and the required summer field course. GLY 4750r. (S/U grade only.) Air Photo Interpretation and GIS for the Earth Sciences (3). Prerequisites: GLY 3400C; PHY 2049. Course covers an introduction to the use of the digital camera and electronic image acquired from aircraft and satellites; physics of the interaction between electromagnetic radiation and materials of earth surface and of the principles of electronic image and microwave imaging; and use of digital image analysis and GIS in the study of earth resources and global change.

GLY 4750r. Field Course (6). Prerequisites: GLY 3400C; 4750. Series of field problems based largely on exposures of strata and structures. Preparation of Geographic maps, sections, and reports. Six weeks in May and June.

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 Isotope Tracers in the Environment (3).

GLY 5295r. Directed Individual Study (3). May be repeated to a maximum of nine (9) semester hours.

GLY 5491r. 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 5497r. 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 5499r. Senior Thesis (1–6). May be repeated to a maximum of nine (9) semester hours.

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.

ACADEMIC PROGRAMS

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HEALTH–RELATED PROGRAMS

Numerous health-related programs at The Florida State University address issues of prevention, treatment, rehabilitation, health sciences, and policy formulation. As part of an effort to develop and promote a coordinated plan for these programs, the following section lists and describes, by program/department, areas of study, services, and (in some instances) certification, opportunities for students. For more detailed information and requirements, see individual program listings in this General Bulletin.

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 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 now 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, advanced master’s, and doctoral degrees. The scope of the department includes the whole range 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 commit.deninfo@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 Gessner at lgessner@garnet.acns.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, communities, and governmental and tax-supported agencies, as well as the medical care systems.

Health Policy Research

This interdisciplinary master’s program prepares researchers to work with health care data in public or private sector positions. Students learn to organize, evaluate, and manage information. In addition, they develop analytical skills in evaluation and research using electronic information systems for the analysis of state and national health issues. The program admits students with a minimum of a baccalaureate degree from an accredited institution. Degree requirements of thirty-six (36) semester hours include coursework, internship and the production of a research paper. For information contact the Interdisciplinary Studies Center in the College of Social Sciences, 211 BEL, (850) 644-4418.

Interdisciplinary Curriculum in Health Services Administration and Policy

The graduate-level interdisciplinary curriculum in health services administration and policy is organized to train managers, policy-makers, and researchers who will be able to respond to and help shape the rapidly changing health care arena.

The interdisciplinary curriculum draws upon faculty interest and expertise in health services administration and policy from throughout the University, including faculty from business, economics, law, public administration and policy, sociology, social work, urban and regional planning, geography, and education. The program consists of three core courses and nine electives that students can choose from. The three core courses—health administration and policy, health institutions and social policy, and health care finance—provide students with the fundamental knowledge and skills required for any future work within health care policy and administration. Students choose from a range of additional courses to build upon this core. Specific degree programs may require or allow additional courses. Depending upon a student’s choice of electives, the program will emphasize either policy or administration.
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 to 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 roles that nutrition and physical activity play both in health and, in particular, the prevention of chronic disease. The majors in Food and Nutrition Science, Athletic Training/Sports Medicine, and the Exercise Physiology emphasis may each be used as pre-medical programs. For more information concerning pre-medical programs, contact the College of Medicine Pre-health Professions Advising Office at medinfo@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. This preparatory program offers an emphasis in one of three curricular programs: fitness, exercise physiology, and pre-physical therapy. 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 (CAAAHP). The athletic trainer’s professional preparation is directed toward the development of specified competencies in the following domains: management of health and injury prevention, pathophysiology 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 or one of six areas of emphasis: nutrition science, food science, clinical nutrition, nutrition education/health promotion, sports nutrition, exercise physiology and motor control. 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.

School of Social Work

The School of Social Work is committed to the pursuit and delivery of excellence in social work education. Through teaching, research, and service, the school educates its graduates for productive careers in diverse professional 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 school’s initiatives build on the traditional heritage of social work. As such, its goal is to educate professionals to assist individuals, families, groups and communities to enhance or restore their capacity for social functioning, and to create societal conditions favorable to this end. Social work professionals are employed in disciplines such as health care, mental health, and the special concerns of children, families, women, the aged, and other vulnerable groups. In all of its capacities, the school recognizes and values achieving mutualty among diverse communities, and promotes evidence-based practices that empower the poor and disadvantaged to ensure the betterment of society.

Department of Sport Management, Recreation Management and Physical Education

The School 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.

Department of HISTORY

COLLEGE OF ARTS AND SCIENCES

Chair: Neil Jumonville; Associate Chair (Graduate Studies): Green; Associate Chair (Undergraduate Studies): Strait; Professors: Anderson, Betten, Gellately, Greaves, Harpers, Horward, J. Jones, M. Jones, Jumonville, Oldson, Richardson, Singh, Wynot; Associate Professors: Conner, Friedman, Garretson, Grant, Gray, Green, Hadden, McMahon, Sinke, Stolzfus, Strait; Assistant Professors: Childs, Creswell, Davis, Herrera; Visiting Assistant Professors Emeriti: Bartlett, Bryant, Keuchel, Moore, Rogers, 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.

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-semester hour shortfall per area toward the major. For information regarding the fulfillment of this policy, please contact the history department advisor.

Honors 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 advisor in the Social Education Area 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.

Definition of Prefixes

AFH — African History
AMH — American History
ASH — Asian History
CLA — Classical and Ancient Studies
EUH — 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 EUH 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 (2020 may not be taken by students with test credit in American 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 II

HIS 1003. Writing for History (3). Prerequisites: ENC 1101 or ENC 1149. Freshman-level nonfiction prose writing on selected historical topics for a total of 8,000 words. Historical themes vary. No auditors. May be used to fulfill the liberal studies Area II requirement in English composition; does not fulfill the liberal studies Area III requirement for history.

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 3010; EUH 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 will examine chronologically and thematically, the experience of African-Americans in the United States and their role in shaping the nation’s history. Course will not count as credit toward the history major.

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 end of 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 government and society, and the contributions of Native Americans to America’s cultural heritage. 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 not 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 history major.

ASH 3100. History of Asia (3). This course is an introduction to political, cultural, and economic Asian history. It focuses on ancient and modern cultures of Asia and the surrounding region. The course content includes a survey of Asia from prehistory to the present. Course will not be substitutable for ASH 1044.

ASL 1000. African Civilizations (3). This course provides a survey of Western traditions from the beginnings 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 ASL 1000. 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.

WOH 1030. The Modern World Since 1815 (3). This liberal studies course deals with the origins and development of political, economic, social, and intellectual antecedents in the modern world since 1815. Students who have previous college credit in Western civilization courses covering the same general chronological period cannot receive credit for WOH 1030. May not be taken by students with test credit in European history.
African History

AFH 1000. African History and Civilization (3). This is an introductory course for African history and civilization. It covers the broad sweep of African history and culture. The primary emphasis is on the continent as a geographic and cultural entity, and some of Africa’s major problems and possibilities today. Course will not count as credit toward the history major.

AFH 345. History of Africa Since 1800 (3). A history of Sub-Saharan Africa since 1800 is intended 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 Libya, Egypt, Sudan, and 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 perspectives of the men and women who dealt with aspects of these issues firsthand. The biographical figures vary from semester to semester. May be repeated to a maximum of six (6) semester hours with instructor approval. Course will not count as credit toward the history major.

AMH 3310. Social History of the United States (3). An analysis of the daily lives of American people. Topics treated will include morals, manners, religion, family, social class, health, and occupation. AMH 3310. The Evolution of Law, Crime, and Justice in American Society, to 1876 (3). An intermediate level survey of the social and political 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 course analyzes U.S. political parties and elections from the 1790s to 1877. Special emphasis is placed on the presidency and on the groups and issues 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 a prerequisite for 3352.

AMH 3370. Economic History of the United States (3). A survey of American economic history from the early colonial period to the present. The course analyzes the role of economic issues and events in American history. It proceeds chronologically, is broken into 12 time periods, and major attention is given to the 20th century.

AMH 3373. U.S. Business History (3). This historical survey of American business from colonial times to the present includes business organization and management, the development of organized labor, finance, management approaches, and the evolution of business ethics.

AMH 3444. History of the Trans-Mississippian 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 the area as a geographic entity and its role in American history beginning with the early 19th century explorations and culminating with the “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, beginning from the 1870s to the present. The course analyzes the role of legitimate economic issues and events in American history. It proceeds chronologically, is broken into 12 time periods, and major attention is given to the 20th century.

AMH 4261. Central Asia Since the Mongols (3). This course will cover Central Asia and modern societies with special emphasis on the political and ethnic histories of the Central Asian peoples.

ASH 4223. Modern Middle East (3). An examination of modern Middle Eastern history, focusing on the origins of recent problems in the imperialist 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 will cover Central Asia and modern societies with special emphasis on the political and ethnic histories of the Central Asian peoples.

Asian History

ASH 4223. Modern Middle East (3). An examination of modern Middle Eastern history, focusing on the origins of recent problems in the imperialist era, the clash of political and cultural traditions, national rivalries, the impact of OPEC, the Palestinians, and the Iranian Revolution.

ASH 4223. Modern Middle East (3). An examination of modern Middle Eastern history, focusing on the origins of recent problems in the imperialist era, the clash of political and cultural traditions, national rivalries, the impact of OPEC, the Palestinians, and the Iranian Revolution.
ASH 4404. China Since 1898 (3). A study of China from the Boxer Uprising through the Kuomintang and Communist Revolution, with an emphasis on the 20th century, its impact on the world, and its role as a global power today.

ASH 4422. History of Modern Japan (3). An examination of the history of Japan from its emergence as 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 the development of its wealth and power.

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, but also on the roles played by various important ancient and medieval states.

ASH 4550. Modern India (3). This course is an introduction to the history of India from the 18th century to the present. It provides an in-depth look at 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.

ASH 3280. History of the Ancient Near East (3). A survey of the Near East—Anatolia, Mesopotamia, Egypt, the ancient Near East, and the lands of the Middle East. CLA 447r. 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 448r. 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.

ASH 4380. Roman Law (3). A survey of the principles and procedures of Roman law.

EUH 3420. Rise and Fall of Classical Civilization (3). A survey of the histories of Greece and Rome and their major political, economic, and social developments.

EUH 4401. 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 Mumm.

EUH 4402. Classical Athens and Sparta (3). History of Greece from the beginning to Alexander the Great. Emphasis on the political, social, and cultural development of the Greek cities of Sparta and Athens.

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 the Augustus to Constantine. Emphasis on the evolution from the principate of the early empire to the monarchy of the late empire.

**European History**

EUH 2035. Hitler and Stalin: Their Era and Legacies (3). An examination of the dictatorships of Hitler and Stalin in terms of their political, social, and cultural dimensions and their legacies beyond World War II. Course will not count as credit toward the major areas.

EUH 3004. 19th-Century Europe: A Survey (3). European history from the turn of the century, a period in which Europe was at the height of its wealth and power. Particular attention will be paid to the major powers in this period when Europe declined from its preeminent position.

EUH 3431. 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 3451. Modern France (3). French history from the ancient regime and its fall through the turbulent 19th century, the disastrous 20th century, and recovery in the Second World War.

EUH 3462. Modern Germany (3). Traces 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 social background of Nazism; and the development of two rival states in the post-World War II era.

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 3532. England, the Empire and the Commonwealth (3). A history of Great Britain and the Empire-Commonwealth since 1783 and developments within the Commonwealth itself. Some consideration is given to post-World War II events and the Commonwealth and the modern Empire.

EUH 3533. History of Ireland (3). Surveys the history of Ireland from prehistory and the Celtic-Gaelic settlement to the Irish War of Independence, the establishment of the Irish Free State, its entry to the island since the Celts, and the problem of defining the Irish (i.e., the roles of religion and ethnicity). It cannot avoid questions of religion, nationalism, and the international relations of the Irish with the kingdom of England, later Great Britain.

EUH 3551. Modern Poland (3). This course will examine the development of the Polish nation in the 19th and 20th centuries. Although particular stress will be placed on internal history, appropriate attention will be paid to Poland’s role in international relations.

EUH 3571. Russia to Nicholas I (3). Russian history from its origins to the revolution of 1905. Emphasis will be placed on the establishment of the Romanov dynasty, to the reforms of Peter the Great and the enlightened despotism of Catherine the Great, and the turning of the 19th century.

EUH 3572. History of Russia, 1825 to the Present (3). This course will examine the social, economic, and cultural as well as the political development of Russia from the reign of Tsar Nicholas I to the present day. Although particular stress will be on internal history, appropriate attention will be paid to Russia’s role in international relations.

EUH 4121. Earlier Middle Ages (3). This course provides a survey of European history from c. 300 to c. 1500, from the fall of Rome to the more or less successful establishment of the Middle Ages to the recovery leading to a new age.

EUH 4122. The Crusades (3). This course will provide a broad understanding of the political and social background for the reentry of Western Christendom into the Mediterranean world; the ways in which Crusaders organized, financed, and participated in Crusades; the Crusades in European, Mediterranean, and international history; the influence of the crusades on the institutions and thought; the interrelations of Christians (East and West) and the Muslim world in the period of the Crusades.

EUH 4140. Renaissance (3). A study of the character of medieval Italy and a survey of economic, political, and cultural changes in Western Europe from c. 1300 to c. 1600.

EUH 4144. Reformation (3). An examination of the Protestant and Catholic Reformation in Europe from 1517 to the Peace of Augsburg in 1555.

EUH 4233. Rise of Nationalism (3). This course analyzes the European struggle toward democracy and nationalism from the collapse of the Holy Roman Empire to the establishment of the German Empire, emphasizing the development of liberal, socialist, communism, etc.

EUH 4241. Holocaust in Historical Perspective (3). This course details the background and career of the Holocaust as well as the continuing problem of “Holocaust denial.” Sources include documents, books, and personal experiences of those asود de Gobineau and Hitler.

EUH 4380. World War I: Europe, 1900-1918 (3). This course will cover the period 1900-1918 with a view of the domestic situation and foreign policies of the major Continental powers with an analysis of the origins of World War I and the way in which it started, the experience of the major powers on the home front.

EUH 4423. 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 situation 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 4424. 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 course will cover not only Mussolini’s Fascist dictatorship in Italy and Hitler’s Nazi regime in Germany.

EUH 4428. Europe in the Cold War and Detente (3). A survey of the political and social relations of the major states of Europe in the Cold War era. This course will cover the political and economic context. Also examined is National Socialism’s impact on political culture, ideologies and institutions as well as the relationship between these perspectives.

EUH 4431. East Central Europe, 1815 to Present (3). History of the ideas in the last two hundred years, the 19th century as the Age of “Tsars” (including Tsars and the concept of the tsarist ideology) and as one of the world’s superpowers in the 1990s.


EUH 4470. European Intellectual History, 1800 to Present (3). History of ideas in the last two hundred years, exploring the 19th century as the Age of “Tsars” (including Tsars and the concept of the tsarist ideology) and as one of the world’s superpowers in the 1990s.

**Latin American History**

LAI 3411. 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 Panama. Emphasis on the political, social, and cultural history of the region, with the remote past to the social conflicts of the present.

LAI 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 Latin America.

LAI 3500. History of South America (3). An introductory survey from the Inca Civilization to modern Chile, Peru, Argentina, etc. Emphasis is placed on the contrasts and dynamics of European and Indian societies and on the issues of modern life in Latin America, with the focus on social, economic, and political evolution. The persistence of “underdevelopment” and poverty are also explored.

LAI 3746. Latin America Film (3). Introduction to Latin American history through films. Analysis of how Latin Americans are portrayed in international and national cinema. Integration of television and literature to illustrate the impact of mass media on Latin Americans.
American History

AMH 5116. Colonial American History to 1763 (4).

AMH 5129. Revolutionary America, 1760-1788 (4).

AMH 5149. Thomas Jefferson’s America (4).

AMH 5177. The Civil War Era (4).

AMH 5178. Post–Civil War, 1865–1900 (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 5683. 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 5438r. Studies in Greek History (3).

CLA 5448r. Studies in Roman History (3).

CLA 5885. Roman Law (3).

European History

EIH 5125. The Crusades (4).

EIH 5127. Earlier Middle Ages (4).

EIH 5128. Later Middle Ages (4).

EIH 5146. The Renaissance (4).

EIH 5147. The Reformation (4).

EIH 5228. Rise of Nationalism (4).

EIH 5246. World War I: Europe, 1900-1918 (4).

EIH 5249. The Holocaust in Historical Perspective (4).

EIH 5285. Europe in the Cold War and Detente (4).

EIH 5338. History of East Central Europe, 1815 to the Present (4).

EIH 5365. The Balkans Since 1700 (4).

Dedman School of Hospitality

College of Business

Director and Dedman Professor: Robert H. Bosselman; Professors: Bonn, Bosselman, Brymer; Associate Professors: Harris, Laudadio, Ohlin; Assistants in Hospitality: Lanford, LaTour, Rascigno

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 of business activities, 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 professional 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 hospitality administration 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 X203;
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 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).

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 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 3403 Introduction to COBOL Programming for Business (3).
ISM 4113 Information and Communications Systems Management (3).
ISM 4905 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 3430 Later Maturity (3).
NUR 4284 Dynamics of Aging (3).
PSY 930 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).
HFT 4930r Special Topics in Hospitality Administration [Resort Marketing] (3).

These classes are taught by The Florida State University faculty at selected sites in the Summer semester. Classes meet for extended sessions on selected days of each week. The remainder of the week is spent working in various departments at the selected sites. Courses completed in this program count toward the State of Florida requirement that at least nine (9) semester hours be completed in the summer term at one of the State University System senior institutions.

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 Administration] (3).

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<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>HFT 4930r</td>
<td>Special Topics in Hospitality Administration [Special Studies in International Hospitality Administration] (3).</td>
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<tr>
<td>HFT 4930r</td>
<td>Special Topics in Hospitality Administration [European Food &amp; Wine] (3).</td>
</tr>
<tr>
<td>HFT 4930r</td>
<td>Special Topics in Hospitality Administration [European Travel &amp; Tourism] (3).</td>
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</table>

Courses completed in this program count toward the State of Florida requirement that at least nine (9) semester hours be completed in the summer term 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; and,
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 Law of Real Estate (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:

- FIN 3244 Financial Markets, Institutions, and Policy (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 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 handbook 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 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 4471 Financial Management Control Systems (3).
HFT 4502 Hospitality Services Marketing and Research (3).
HFT 4930r Professional Golf Management (1–3).
HFT 4941 Field Study in Hospitality Administration (0).

Definition of Prefixes
FSS — Food Service System
HFT — Hospitality Management

Undergraduate Courses
FSS 3337, 3337L 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; Corequisite: FSS 4338L. Management methods and concepts utilized in administration of advanced food and beverage functions.
FSS 4338L Food and Beverage Management Laboratory (1). Prerequisites: FSS 3337, 3337L. Corequisite: FSS 4338. Production and service of international cuisine.
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, including staffing, training, appraisal, wage and hour administration, discrimination, harassment, and other governmental requirements.
HFT 3224 Managerial Behavior in Hospitality Operations (3). Prerequisite: HFT 3220. Analysis and development of interpersonal management skills including leadership, eth-
Program in Humanities

College of Arts and Sciences

Program Director: David F. Johnson; Assistant Director: Maricarmen Martinez; Seminar Instructor: William Cloonan, Eugene Crooke, David Darst, Maricarmen Martinez; Academic Coordinator and Major Advisor: Barbara Reis

A bachelor of arts (BA) degree in humanities offers a broad interdisciplinary education in the thought, literature 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, journalism, law, librarianship, foreign service, the religious professions, business, 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 of upper-level courses toward the second major are applicable for the requirements of the major.

Graduate Courses

Please see the Graduate Bulletin for the full course descriptions.

HFT 5226. Leadership Strategies in Hospitality and Tourism Organizations (3).

HFT 5245. Managing Service Organizations (3).

HFT 5477. Financial and Cost Control Systems for Hospitality and Tourism Organizations (3).

HFT 5506. Services Marketing and Research for Hospitality and Tourism Organizations (3).

HFT 5697. Legal Environment of Hospitality and Tourism Organizations (3).

HFT 5908. Studies in Hospitality and Tourism (3).

HFT 5935. Special Topics in Hospitality and Tourism (3).

HOUSING AND COMMUNITY DEVELOPMENT: see Urban and Regional Planning

HOUSING AND HOME DESIGN: see Family and Child Sciences

HUMAN SCIENCES, GENERAL COURSES: see College of Human Sciences

and areas of concentration. The courses will be distributed as follows:

1. Eighteen (18) semester hours in one of the following departments: American Studies; Art History; Asian Studies; Classical Languages, Literature, and Civilization; Dance/Theatre History; English; History; Communication; Film Studies; Interior Design/Art History; Latin American and Caribbean Studies; Modern Languages and Linguistics; Music (history and theory); Philosophy; Religion; and Theatre (history and criticism); or in literature courses in a classical language numbered above 1999 or a modern language numbered above 2999;

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 (3) categories listed below (a, b, and c):

   a) Choose one of the two courses listed below.
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 two following ways:

1. Twelve (12) semester hours in courses with a HUM prefix; or,
2. Fifteen (15) semester hours of courses specified by the humanities program. The list is available upon request. These fifteen hours are divided as six (6) semester hours in one department and nine (9) semester hours in a second department. 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 2211. Humanities: Homer to Gothic (3). Introduction to the thought, values, and arts of Western culture from Homer to the Gothic.
HUM 2235. Humanities: From the Renaissance to the Enlightenment (3). Introduction to the thought, values, and arts of Western culture from the Renaissance to the Enlightenment.
HUM 2250. Humanities: 18th-Century Romanticism to Postmodernism (3). Introduction to the thought, values, 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 Inquiry 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 3251. 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 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 4906r. 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 4906r cannot count toward major course work. May be repeated to a maximum of nine (9) semester hours.
HUM 4997r. Honors Work (1–6). Prerequisite: Honors only. May be repeated to a maximum of nine (9) semester hours.
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 4955r. 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 Humanistic Tradition: Greek and Roman (3).
HUM 5245. The Humanistic Tradition: Medieval, Renaissance, and Baroque (3).
HUM 5253. The Humanistic Tradition: The Modern World (3).
HUM 5909r. Directed Individual Study (3). (S/U grade only.)
HUM 5915r. Supervised Research (1–5). (S/U grade only.)
HUM 5940r. Directed Individual Examination (1–12). (S/U grade only.)
LIT 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.

Honors in the Major

The Program in Humanities 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.
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 the student’s program of studies at The Florida State University 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 study 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 interdepartmental 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 Assistant 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.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ARH 4352</td>
<td>Southern Baroque Art (3)</td>
</tr>
<tr>
<td>HUM 3930r</td>
<td>Humanities: Special Topics [Culture and Civilization of Spain] (1–3)</td>
</tr>
<tr>
<td>MUS 3934r</td>
<td>Special Topics in Music [Music of Spain] (1–3)</td>
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<tr>
<td>SPN 3332</td>
<td>Communication in Language and Culture I (3)</td>
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<tr>
<td>SPN 3483</td>
<td>Communication in Language and Culture II (3)</td>
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<tr>
<td>SPN 3440</td>
<td>Language and Culture in Business (3) *</td>
</tr>
<tr>
<td>SPN 3510</td>
<td>Cultures of Iberia (3)</td>
</tr>
<tr>
<td>SPN 4420</td>
<td>Advanced Spanish Composition and Translation (3)</td>
</tr>
<tr>
<td>SPN 4440</td>
<td>Business Writing in Spanish (3) *</td>
</tr>
<tr>
<td>SPN 4454r</td>
<td>Regional Cultural Studies (3)</td>
</tr>
<tr>
<td>SPN 4780</td>
<td>Spanish Phonetics (3) *</td>
</tr>
<tr>
<td>SPN 4905r</td>
<td>Directed Individual Study in Hispanic Language (3)</td>
</tr>
<tr>
<td>SPN 4930r</td>
<td>Studies in Hispanic Language and Literature (3)</td>
</tr>
<tr>
<td>SPN 4942r</td>
<td>Internship in Applied Spanish (1-6)</td>
</tr>
<tr>
<td>SPW 3030</td>
<td>Approaching Hispanic Literature (3)</td>
</tr>
<tr>
<td>SPW 3103</td>
<td>Readings from Early Iberia (3)</td>
</tr>
<tr>
<td>SPW 3104</td>
<td>Readings from Modern Spain (3)</td>
</tr>
<tr>
<td>SPW 3391r</td>
<td>Hispanic Cinema (3)</td>
</tr>
<tr>
<td>SPW 3493</td>
<td>Readings from Modern Spanish America (3)</td>
</tr>
<tr>
<td>SPW 3410r</td>
<td>The Position of Hispanic Love and Violence (3)</td>
</tr>
<tr>
<td>SPW 4150r</td>
<td>Transatlantic Encounters (3)</td>
</tr>
<tr>
<td>SPW 4481</td>
<td>Contemporary Spanish Women Writers (3)</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 4142</td>
<td>European Prehistory (3)</td>
</tr>
<tr>
<td>ARH 4211</td>
<td>Early Medieval Art (3)</td>
</tr>
<tr>
<td>ARH 4230</td>
<td>Later Medieval Art (3)</td>
</tr>
<tr>
<td>ARH 4355</td>
<td>18th Century Art (3)</td>
</tr>
<tr>
<td>ARH 4421</td>
<td>Modern European Art: Postimpressionism Through Surrealism (3)</td>
</tr>
<tr>
<td>ARH 4431</td>
<td>Modern European Art: Neoclassicism Through Impressionism (3)</td>
</tr>
<tr>
<td>CPO 3103</td>
<td>Comparative Government and Politics: Western Europe (3)</td>
</tr>
<tr>
<td>ECO 4704</td>
<td>International Trade (3)</td>
</tr>
<tr>
<td>ECO 4713</td>
<td>International Finance (3)</td>
</tr>
<tr>
<td>EUH 3004</td>
<td>19th Century Europe: A Survey (3)</td>
</tr>
<tr>
<td>EUH 3005</td>
<td>20th Century Europe: A Survey (3)</td>
</tr>
<tr>
<td>EUH 4121</td>
<td>Earlier Middle Ages (3)</td>
</tr>
<tr>
<td>EUH 4124</td>
<td>The Crusades (3)</td>
</tr>
<tr>
<td>EUH 4140</td>
<td>Renaissance (3)</td>
</tr>
<tr>
<td>EUH 4144</td>
<td>Reformation (3)</td>
</tr>
</tbody>
</table>

EUH 4233 | Rise of Nationalism (3) |
EUH 4243 | Europe, 1870-1900: The Age of European Hegemony (3) |
EUH 4244 | Fascism (3) |
EUH 4602 | European Intellectual History, 1500-1800 (3) |
EUH 4603 | European Intellectual History, 1800 to Present (3) |
FIN 3244 | Financial Markets, Institutions, and International Finance Systems (3) |
FIN 4604 | Multinational Financial Management (3) |
HIS 4930r | Special Topics in History (3) |
HIS 4935r | Senior Seminar (3) |
HUM 2235 | Humanities: From The Renaissance to The Enlightenment (3) |
HUM 2330 | Humanities: 18th Century |
HUM 3930r | 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 of the World: The Music of Tribal and Folk Cultures (3) |
MUH 2052 | Music of the World II - Ritual and Art Music of the Non-Western World (3) |
PHI 3061 | Medieval and Renaissance Philosophy (3) |
REL 3363 | The Islamic Tradition (3) |
REL 3607 | The Jewish Tradition (3) |
REL 4564 | Modern European Catholism (3) |
REL 4613 | Modern Judaism (3) |
SPN 4540r | Regional Cultural Studies (3) |
SPW 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 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."
Industrial Engineering

FAMU–FSU College of Engineering

Chair: Ben Wang; Professors: Awoniyi, Braswell, Wang; Associate Professors: Pignatiello, Simpson, Zhang; Assistant Professor: Okoli; Visiting Associate Professors: Liang, Owusu; Instructor: Cutwright; Adjunct Professors: Booshaghi, Braswell; Adjunct Instructor: Moshir

The mission of the Department of Industrial Engineering is to provide for students a solid industrial engineering curriculum coupled with a strong research program driven by the economic and technological development needs of society.

Industrial engineering (IE) provides a broad technical background with special emphasis on manufacturing systems, computer modeling, costs, quality, management, and human factors. Industrial engineering draws upon specialized knowledge and skills in the mathematical, physical, and social sciences, together with the principles and methods of engineering design and analysis, to specify, predict, and evaluate industrial systems.

The program of study includes engineering analysis for the optimization of industrial systems, design of man-machine systems, and the scientific management of activities. Specialized training is available in the use of modern engineering tools and techniques such as computer-aided design (CAD), computer integrated manufacturing (CIM), and ergonomic (human factors) engineering.

Industrial engineers (IEs) pursue careers in manufacturing, service industries, and government. In addition, many IEs are now being employed in nontraditional fields such as hospitals, banks, insurance, and information processing. The present and future demand for IEs appears to be very high. IEs are increasingly being called upon to act as productivity catalysts in manufacturing and service organizations in order to meet regional, national, and international demand and competition.

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. The BSIE curriculum has the following four educational objectives:

1. To educate and train students to have broad technical backgrounds to work as industrial engineers in manufacturing and other industries;
2. To provide industrial engineering graduates with sufficient knowledge to continue their studies at the graduate level;
3. To prepare students for successful industrial engineering careers in an increasingly multicultural and diverse society; and,
4. To provide industrial engineering graduates with teamwork, communication and engineering management skills.

To achieve these curricular objectives, all industrial engineering students must demonstrate or exhibit specific graduate attributes or program outcomes. Students are instructed to contact their academic advisor or visit the departmental website 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 substitutions necessary for this degree program:

1. ENC 1101;
2. ENC 1102;
3. MAC 2311*;
4. MAC 2312*;
5. MAC 2313*;
6. MAP 2302;
7. CHM 1045/1045L*;
8. PHY 2048/2048L;
9. PHY 2049/2049L;
10. Six (6) semester hours in humanities; and,
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 your 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:

**Undergraduate Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 3443</td>
<td>Statistical Topics in Industrial Engineering (3)</td>
</tr>
<tr>
<td>EIN 3391</td>
<td>Introduction to Engineering Management (3)</td>
</tr>
<tr>
<td>EIN 4118</td>
<td>Computing Topics in Industrial Engineering (3)</td>
</tr>
<tr>
<td>EIN 4243</td>
<td>Ergonomics (3)</td>
</tr>
<tr>
<td>EIN 4312</td>
<td>Tool Engineering and Process Engineering (3)</td>
</tr>
<tr>
<td>EIN 4333</td>
<td>Design of Integrated Production Systems and Facilities Layout (3)</td>
</tr>
<tr>
<td>EIN 4390C</td>
<td>Manufacturing Processes and Materials Engineering (5)</td>
</tr>
<tr>
<td>EIN 4395</td>
<td>Manufacturing Systems Engineering (3)</td>
</tr>
<tr>
<td>EIN 4891</td>
<td>Industrial Engineering Senior Design Project (3)</td>
</tr>
<tr>
<td>ESI 3312C</td>
<td>Operations Research I: Deterministic (3)</td>
</tr>
<tr>
<td>ESI 4234</td>
<td>Quality Control and Reliability Engineering (3)</td>
</tr>
<tr>
<td>ESI 4313</td>
<td>Operation Research II: Nondeterministic (3)</td>
</tr>
<tr>
<td>ESI 4523</td>
<td>Simulation of Industrial Engineering Systems (3)</td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Elective (with advisor’s approval) (3)</td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Mathematics Elective (3)</td>
</tr>
<tr>
<td>XXX XXXX</td>
<td>Department Electives (6)</td>
</tr>
</tbody>
</table>

Industrial engineering majors are required to consult with their IE undergraduate advisor 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 be counted toward the BSIE degree. Recommendation by the IE undergraduate advisor(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**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN</td>
<td>Engineering: General</td>
</tr>
<tr>
<td>EGS</td>
<td>Engineering: Support</td>
</tr>
<tr>
<td>EIN</td>
<td>Industrial Engineering</td>
</tr>
<tr>
<td>EMA</td>
<td>Materials Engineering</td>
</tr>
<tr>
<td>ESI</td>
<td>Industrial/Systems Engineering</td>
</tr>
</tbody>
</table>

**Undergraduate Courses**

EGN 1004L - First Year Engineering Laboratory (1). An emphasis on student time management, a variety of products and processes, and computer-aided problem solving. Product/process involves sketching and drawing pertinent diagrams by hand, and learning the history and engineering concepts involved.

EGN 2123 - Computer Graphics for Engineers (2). Corequisite: MAC 2311. Course covers principles of engineering graphics: visualization, spreadsheet applications, graphical calculus, and descriptive geometry. Also introduces the engineering design process and CAD systems.

EGN 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 4611. Industrial Automation and Robotics (3).
Prerequisite: EIN 4590C. 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. Special Topics in Industrial Engineering (1–6).
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 4936r. Selected Topics in Industrial Engineering (3).
Prerequisites: EIN 4580C. 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: EGM 3512; EGM 3543C. Introduces and familiarizes students with the basic design techniques of optimization models including linear programming, assignment problems, CPM, network flows, discrete optimization, branch and bound solution method, and dynamic programming. Design exercises.

ESI 4234. Quality Control and Reliability Engineering (3).
Prerequisites: ESI 3390C. Introduction to quality and reliability engineering. Statistical quality control techniques, process capability analysis, and design and analysis of experiments for quality improvement.

ESI 4313C. Operations Research II: Nondeterministic (3).
Prerequisites: EIN 4433; MAP 3305. Development and application of nondeterministic models including queuing models, service operations, reliability models, simulation, and decision analysis. Case studies and design exercises.

ESI 4523. Simulation of Industrial Engineering Systems (3).
Prerequisite: ESI 4234. Simulation modeling and computer solution of industrial engineering problems. Model validation, probability considerations, simulation language, simulation verification, and engineering case studies.

Graduate Courses

EIN 5114C. Computing Topics in Industrial Engineering (3).

EIN 5322. Engineering Management (3).

EIN 5536. Production Control (3).

EIN 5537. Engineering Economic Analysis (3).

EIN 5592. Manufacturing Processes and Systems (3).

EIN 5598. Manufacturing Materials Processing (3).

EIN 5599. Concurrent Engineering (3).

EIN 5412. Computer-Aided Manufacturing (3).


EIN 5524. System Modeling and Simulation (3).

EIN 5905r. Directed Individual Study (1–3). (S/U grade only.)

EIN 5930r. Special Topics in Industrial Engineering (1–6).

EIN 5931. Leadership and Communications (3).

EIN 5936r. Graduate Seminar (0). (S/U grade only.)

EIN 6126. Global Manufacturing Strategy (3).

EIN 6357. Advanced Engineering Economy (3).

EIN 6416. Manufacturing Systems Analysis (3).

EIN 6419. Engineering Data Analysis for Precision Manufacturing (3).

EIN 6609. Advanced Computer Numerical Control and Application (3).

EIN 6901r. Master’s Thesis (1–6). (S/U grade only.)

EIN 6980. Dissertation (3–24). (S/U grade only.)

EIS 8964. Preliminary Doctoral Examination (0).

EIS 8976. Master’s Thesis Defense (0). (S/U grade only.)

EIS 8985r. Dissertation Defense (0).

EAS 5182. Composite Materials Engineering (3).

EIS 5154. Statistical Process Control (3).

EIS 5228. Introduction to ISO 9000 (3).

EIS 5247. Engineering Experiments (3).

EIS 5248. Environmentally Conscious Design and Manufacturing (3).

EIS 5408. Applied Optimization (3).

EIS 5417. Engineering Data Analysis (3).

EIS 5451. Project Analysis and Design (3).

EIS 5458. Optimization on Networks (3).

EIS 5524. Advanced Simulation Applications (3).

EIS 5525. Modeling and Analysis of Manufacturing and Industrial Systems (3).

EIS 5580. Applications of Knowledge Engineering (3).

EIS 6948r. Advanced Topics in Optimization (1–9).

INFORMATION STUDIES

SCHOOL OF INFORMATION STUDIES


The School of Information Studies 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 doctorate. The School of Information Studies offers various courses as part of the “School of Information Studies” chapter of this General Bulletin or to the school’s website at http://www.lis.fsu.edu for more details concerning degree programs and other information. For complete details of graduate degree requirements, please refer to the School of Information Studies 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 degree program and for 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 2060;
3. MAC 1105.

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. Emphasizes strategies for analyzing print, electronic, and digital information resources for youth that will assist students in understanding race, ethnicity, class, gender, disability and age issues in the contemporary cultural context.

LIS 3021. Technical Communication for the Information Professions (3). Course covers technical and professional documents generated and used by information professionals. Attention will be given to the writing process with emphasis on audience analysis, document design, collaboration, and peer editing.
Advanced Undergraduate Courses

LIS 4246. 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 4246. Theory of Information Retrieval (3). Prerequisites: LIS 3267, 4276 and 4351. The theory of information retrieval for both text and pictorial 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 4276. 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 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 concepts and technical needs of client and server side application technologies for 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, server authentication techniques, synchronized multimedia, and hypertext authoring.

LIS 4366. Website 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 services.

LIS 4410. Societal Implications of the Information Age (3). An introduction to the evolving role of information in the “Information Age.” Emphasizes information services and resources, and techniques related to 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 Telecommunication (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 the 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 3333, 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 networks, including local area networks to the Internet. Includes communication concepts, technical and application issues, with a focus on managing a network.

LIS 4502. Elective in 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). Prerequisites: 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 restricted informational need.

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 final disposition.

LIS 4910r. Directed Individual Study (1–3). (SU grade only.) Prerequisite: Consent of advisor. Acceptable work experience in the information field, working under faculty guidance. May be repeated to a maximum of six (6) semester hours.

LIS 4938. Seminar in Information Studies (3). Prerequisite: LIS 3267, 3353, 3602, 4276, and 4351. The intensive reading and preparation of position papers concerning current issues in information studies, followed by written papers and oral presentations of these papers with faculty and information specialists.

LIS 4940r. Internship in Information Studies (1–6). (SU grade only.) Prerequisite: Senior standing and three of the following: LIS 3232, 3267, 3342, 3602, 4276, and 4351. A directed and supervised investigation of selected problems, issues and trends in information studies, with an emphasis on research. It is anticipated that each offering will be different because of the evolving nature of the subject matter. May be repeated to a maximum of six (6) semester hours.

LIS 4950r. Honors Work in Information Studies (1–6). Prerequisite: Member of the university honors program and permission of advisor. Acceptable work experience in the information field that expands and integrates classroom work. Internship may be paid or unpaid. May be repeated for a maximum of six (6) semester hours.

LIS 5201. 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 Network 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).
Department of INTERIOR DESIGN

SCHOOL OF VISUAL ARTS AND DANCE

Chair: David Butler; Associate Chair: Munton; Associate Professors: Butler, Koenig, Munton, Myers, Ohazama, Waxman; Assistant Professor: Navarro; Adjunct Faculty: Brunner, Camp, Field, Williams

Interior design is concerned with the design of all interior spaces, both residential and nonresidential, and the total 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, history of interiors, and research methods. There is an active student chapter of the American Society of Interior Designers (ASID), the International Interior Design Association (IIDA), and 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 Florida State University produces a Community College Counseling Manual, which should be consulted for more specific preparation and requirements. If a student has prior interior design work experience or has taken interior design courses, a portfolio should be submitted to determine placement in the program.

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 1401;
3. IND 3020 or IND 1020 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 sixty (60) 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 thirty-six (36) required and/or twenty-four (24) elective semester hours, nine (9) should be taken in art, art history, or related courses elected by the student. The department is prepared to offer suggestions about related courses. Contact the program chair for further information if needed;
2. Interior design studio courses: twelve (12) semester hours;
3. Technical and graphic design courses: twenty-one (21) to twenty-four (24) semester hours;
4. Related studies include: design process courses, nine (9) semester hours; history of interiors, nine (9) semester hours; and
5. Electives in interior design: six (6) semester hours.

Requirements for Bachelor of Arts Degree (only)

1. Electives in arts-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

Students are eligible for admission to the professional program in interior design after completing the University liberal studies requirements (see the “Undergraduate Degree
Requirements” chapter of this General Bulletin). The interior design program is limited ac-
cess based on an interview with the department chair at least four semesters (excluding sum-
er semester) prior to beginning the program. 
Admission to the interior design limited access pro-
course is based on availability of faculty and
space. For each admission cycle (academic
year), a minimum grade point average (GPA) is
established by the Department of Interior Design
and the School of Visual Arts and Dance that lim-
its enrollment to a number of students consistent
with the available faculty and space. Specific in-
f ormation pertaining to these admission require-
ments may be obtained from the Department of
Interior Design. Community college transfer
students are urged to complete requirements for
the associate in arts degree and to seek counsel
from community college advisors.

Eligibility for admission to the major also
includes completion of the following courses or
courses with similar content: four (4) semester
requirements may be taken as part of liberal studies
requirements or electives (please see department
advisers for specific information prior to regis-
tration each semester) or may be taken as part
of the associate in arts degree while enrolled at a
qualifying community college (refer to com-
nunity college counseling manual for specific
information): Three (3) semester hours of
textiles related to interiors (CTE 1401 or comparable
approved course); three (3) semester hours of
computer literacy (CGS 2060 or comparable
approved course); and nine (9) semester hours of
art, art history or other arts related courses. The
program seeks to be a university program and/or three
dimensional studies as part of the arts related
requirements. A similar course, however, is of-
fered in the program if not available to students
transferring from other colleges.

A specific listing of courses required for the
majors in interior design is available from the
department. The program maintains a degree of
flexibility to meet the student’s individual pro-
fessional objectives. Internship preparation and
placements are available for all undergraduate
students, and students are urged to elect theses
studies. A minor is not required but may be ob-
tained in other appropriate areas (departmental
advisement to electives is encouraged). Students
majoring in interior design must maintain the
minimum GPA for semester and overall averages. Grades of “C”- and below are not considered
passing in any major course work, including electives. 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 encour-
age talented juniors and seniors to undertake
independent research as part of the undergradu-
ate 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

IND 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 2003. Survey of Interior Design (3). For nonma-
jors. A survey of the elements and principles of interior design to gain awareness of the environment and a com-
prehensive appreciation of design.

IND 3205. Dimensional Design (3). Exercises and ex-
amples 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 processes learned. May be repeated to a maximum of twelve (12) semester hours.

IND 3949r. Cooperative Education in Interior Design
(S/U grade only.) Prerequisite: IND 3930r. Preparation for internship. Student employment in interior design.

Sequence Courses

IND 3306. Interior Design Graphics I (3). Graphic pre-
sentation techniques, including 1-point and 2-point perspective refinement and computer application.

IND 3402. Technical Design I (3). Prereq-
usite: IND 3306. Pencil and ink techniques used in sketching, rendering and design drawing, with an emphasis on components used in problem solving.

IND 4315r. Interior Design Graphics III (3–6). Prereq-
usite: IND 4302. Marker and color pencil techniques used in interior design, focusing on materials and the development of rapid rendering skills. May be repeated to a maximum of six (6) semester hours.

IND 411r. Portfolio Review I (1). Introduction to interior design portfolio. May be repeated to a maximum of six (6) semester hours.

IND 410r. 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 411r. 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 416r. 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 3404. Technical Design I (3). Introduction to basic technical aspects of interior design. Emphasis on basic dra-
ing skills, drawing types, visualizations, and other essential technical systems in interiors.

IND 4424. Technical Design II (3). Prerequisite: IND
3404. Lecture and studio course covering materials, con-
struction, and working drawings. The focus is on struct-
ure, interior materials, materials, hardware, and specific-
ations. Drafting and working drawings are emphasized.

IND 443r. Interior Design III (3). Prerequisite: IND
4424. Emphasis on advanced interior design. Emphasis
is on lighting, electrical plans, reflected ceiling plans, measure-
ments, and acoustics. May be repeated to a maximum of six (6) semester hours.

IND 446r. Technical Design IV (3). Prerequisite: IND
4424. Computer-aided design and drafting (CADD). Emphasis on creation of interior design technical and presentation draw-
ings using computers. May be repeated to a maximum of six (6) semester hours.

IND 360r. Design Process I (3). (SU grade only.) The
process of creative problem solving with an emphasis on application to the design process, programming, and spatial analysis of space.

IND 4601. Design Process I (3). An exploration of the relationship between humans and their environment through the study of personal and social use of space, proxemics, and spatial analysis of the built environment.

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 III (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.

IND 3217. Interior Design Studio I (3). Introduction to
the fundamental principles of design, design process, problem solving, space planning and specifications.

IND 4218. Interior Design Studio II (3). Prerequisite:
IND 4217. Internally focused 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 office/office systems.

IND 4228r. Interior Design Studio IV (3). Prerequisite:
and completion 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 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 com-
pletion is required for continuation in the program.

IND 4156r. Historical Restoration, Research and Doc-
umentation (3–6). The study of restoration, preservation and protection, conservation, renovation, and development and planning of restoration and preservation practices, sources of antiquities, and reproductions. Includes field trips. 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 confering of a degree in interior design is dependent upon a satisfactory grade in this review.

IND 4905r. Directed Individual Study (1–3). (S/U grade only.) Student has the opportunity to pursue independent work related to interior design. Approval for independent study must be obtained from 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.

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 5235r. Graduate Studio I (4).

IND 5236r. Graduate Studio II (4).

IND 5316r. Design Graphics II (1–4).

IND 5317r. Design Graphics I (1–4).

IND 5425r. Graduate Technical Design (4).

IND 5435r. Graduate Lighting Seminar (4).

IND 5526. Graduate Portfolio Review I (1).
(S/U grade only.)

IND 5528. Graduate Portfolio Review I (1).
(S/U grade only.)

IND 5910r. Directed Individual Study (1–3). (S/U grade only.)

IND 5911r. Supervised Research (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 I–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 of approach to 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 work 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.

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).

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) for the emphasis. ECO 2013 and ECO 2023 are required prerequisite courses. The finance track requires an additional prerequisite course, ACG 2021. Students should seek advising, declare intent and have approval prerequisite course, ACG 2021. Students should seek advising, declare intent and have approval re-evaluated each semester by the international affairs program advisor.

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 with agencies such as the British-American Chamber of Commerce, Amnesty International, NBC, the Associated Press, the British-American Chamber of Commerce and other significant organizations. Placements must be approved a semester in advance.

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 coursework 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 not 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 should visit the program office, located in Bel-lamy 211, for information about these listings during the first weeks of each semester. Once enrolled in such a course, students should contact the office to have a course approval memo for their student file.

Anthropology

ANT 2010 Introduction to Cultural Anthropology (3)
ANT 2111 World Prehistory (3)
ANT 2212 Peoples of the World (3)
ANT 2312 Anthropology of Religion (3)
ANT 2412 Political Anthropology (3)
ANT 2512 Sex Roles in Cross-Cultural Perspective (3)
ANT 2612 Peoples and Cultures of Mexico and Central America (3)
ANT 2712 Peoples and Cultures of Amazonia (3)
ANT 2812 Peoples and Cultures of Africa (3)
ANT 2912 Peoples and Cultures of Southeast Asia (3)
ANT 3112 Japanese Society and Culture (3)
ANT 3212 Chinese Society and Culture (3)

Economics

ECO 2000 Introduction to Economics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)
ECO 3313 History of Economic Ideas (3)
ECO 3612 Growth of American Economy (3)
ECO 3913 Special Topics in Economics [Chinese Economy] (3)
ECO 4704 International Trade (3)
ECO 4713 International Finance (3)
ECP 3113 Economics of Population (3)
ECP 3302 Economics of Natural Resources, Energy and the Environment (3)
ECP 3322 Economics of Living Marine Resources (3)
ECS 3003 Comparative Economic Systems (3)
ECS 4013 Economics of Development (3)
ECS 4333 Transition of Soviet and Eastern European Economies (3)

Geography

GEO 1000 World Geography (3)
GEO 2210 United States and Canada (3)
GEO 3704 East and Southeast Asia (3)
GEO 4405 Latin America (3)
GEO 4510 Europe (3)
GEO 4520 Britain and Ireland (3)
GEO 4554 Russia and Eastern Eurasia (3)
GEO 1313 Environmental Science (3)
GEO 1400 Human Geography (3)
GEO 3540 Economic Geography (3)
GEO 4340 Living in a Hazardous Environment (3)
GEO 4357 Environmental Conflict and Economic Development (3).
GEO 4372 Natural Resource Assessment and Analysis (3)
GEO 4420 Cultural Geography (3)

| GEO 4471 Political Geography (3) |
| GEO 4480 Military Geography (3) |
| GEO 4602 Urban Geography (3) |

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 (Hispanic Studies). Only two AMH courses are on the approved list for international affairs majors, namely:

AMH 4510 United States Foreign Relations to 1900 (3)
AMH 4511 Twentieth-Century United States Foreign Relations (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. Students should consult with the international affairs advisor in modern languages to plan a course of study.

Philosophy

PHI 2010 Introduction to Philosophy (3)
PHI 3420 Philosophy of the Social Sciences (3)
PHM 3313 Modern Political Thought (3)
PHM 3400 Philosophy of Law (3)
PHM 4340 Contemporary Political Thought (3)

Political Science

CPO 2002 Introduction to Comparative Government and Politics (3)
CPO 3034 Politics of Developing Areas (3)
CPO 3103 Comparative Government and Politics: Western Europe (3)
CPO 3123 Comparative Government and Politics: Great Britain (3)
CPO 3303 Politics of Latin America (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)
CPO 3614 East European Politics (3)
CPO 3930r Special Topics in Comparative Government and Politics (1–3)
CPO 4057 Political Violence (3)
INR 2002 Introduction to International Relations (3)
INR 3004 Geography, History, and International Relations (3)
INR 3502 International Organization (3)
INR 3603 Theories of International Relations (3)
INR 3771 Domestic Politics and International Relations (3)
INR 4075 International Human Rights (3).
INR 4078 Confronting Human Rights Violations (3)

Religion

REL 1300 Introduction to World Religions (3)
REL 2135 Religions of South Asia (3)
REL 2250 Religions of East Asia (3)
REL 3170 Religious Ethics and Moral Problems (3)
REL 3194 The Holocaust (3)
REL 3335 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 3375 Afro-Caribbean Religions (3)
REL 3505 The Christian Tradition (3)
REL 3607 The Jewish Tradition (3)
REL 4333 Modern Hinduism (3)
REL 4359r Special Topics in Asian Religions (3).
REL 4541 Modern Protestantism (3)
REL 4564 Modern Roman Catholicism (3)
REL 4613 Modern Judaism (3)

Sociology

SYD 3020 Population and Society (3)
SYG 1000 Introductory Sociology (3)
SYG 2010 Social Problems (3)
SYO 3530 Social Classes and Inequality (3)
SYO 4300 Sociology of Politics (3)
SYO 4550 Comparative Sociology (3)
SYP 3000 Social Psychology of Groups (3)

Urban and Regional Planning

URP 3000 Introduction to Planning and Urban Development (3)
URP 4402 Sustainable Development Planning in the Americas (3)
URP 4618 Planning for Developing Regions (3)
URS 1006 World Cities: Quality of Life (3)

Definition of Prefixes

INR — International Relations
PAX — Peace Studies

Undergraduate Courses

INR 3913r. Special Topics (1–3). (SU 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 4957r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.
INR 4941r. Internship (3–6). (SU 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
The interdisciplinary 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 Assistant 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.

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

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**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 at The Florida State University Center Florence. Descriptions of these courses can be found under the individual departments in which they are taught:

**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** Medieval 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)
- **ARH 4352** Southern 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)
- **CLA 4447r** Studies in Roman History (3)
- **CLA 4780r** Classical Archaeology: Field Work (1–6)
- **CLA 4880** Roman Law (3)
- **EUH 3431** Modern Italy (3)
- **EUH 4140** Renaissance (3)
- **EUH 4244** Fascism (3)
- **ITW 3391r** Italian Cinema (3)
- **MUS 2421** Italian Language and Diction for Singers (3)
- **PHH 3061** Medieval and Renaissance Philosophy (3)
- **REL 3505** The Christian Tradition (3)
- **REL 4564** Modern Roman Catholicism (3)

and all Italian courses on the 2000 level or above.

Note: each student must have completed at least one introductory course in Italian—on the freshman level—prior to studying at the Florence Center in order to qualify for a minor in Italian studies. 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**

These courses may be counted in the minor only when they are taken at the Florence Study Center:

- **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 4211** Early Medieval Art (3)
- **ARH 4230** Later Medieval Art (3)
- **CLT 3370** Classical Mythology (3)
- **EUH 2000** Ancient and Medieval Civilizations (3)
- **HUM 2221** Humanities: Homer to Gothic (3)
- **HUM 2235** Humanities: From the Renaissance to the Enlightenment (3)
- **HUM 4931r** Topics in the Civilization of Britain or Italy (3)
- **IND 4101r** History of Interiors I (3)

All other courses offered at the Florence center may be counted provided the Florence 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 they are approved by the coordinating committee. To have such courses considered, petition the Coordinating Committee, University Center A5500.

**JAPANESE:**
see Asian Studies; Modern Languages and Linguistics

**LATIN:**
see Classical Languages, Literature, and Civilization
Program in LATIN AMERICAN AND CARIBBEAN STUDIES

COLLEGE OF ARTS AND SCIENCES

Director: Santa Arias (Modern Languages and Linguistics); Cooperating Colleges, Schools, and Departments: Anthropology, Business, Communication, Economics, English, Geography, History, Modern Languages and Linguistics, Music, Philosophy, Political Science, Religion, Sociology, 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 innovation in teaching and research. Students in 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 baccaulaurate 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.

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 of the departments or schools must be represented in those courses selected. Students in the major may (but are not required to) choose from among the following concentrations: business; cultures and civilizations of Latin America; development and political economy; history and culture of the Caribbean; human rights; Latin American arts; and Latino studies. Students with a concentration may have at least nine (9) semester hours in the selected area with courses approved by the advisor. 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 language considered by the advisor to be relevant to this area of study. (This also may be used to satisfy the College of Arts and Sciences’ language requirement.)

Note: A grade of “C” 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 advisor; 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.

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 4166 Regional Civilizations in Ancient Mesoamerica (3)
ANT 4167 Maya Hieroglyphic Writing (3)
ANT 4227 Topics in Pre-Colombian 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

ARH 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)*

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 5682 American Multi-Ethnic Literature (3)*
AML 4680 Studies in Ethnic Literature (3)*

Geography

GEA 4405 Latin America (3)

History

LAH 1093 Latin America: A Cross-Cultural History (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 History of Latin America 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 Revolutions in Latin America (3)

Latin American and Caribbean Studies

LAS 4905 Directed Individual Study (3)
LAS 4935 Honors Work (3)

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 3391 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 3340 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)*


**Definition of Prefix**

**LAW — Law**

**Graduate Courses**

**LAW 5000.** Contracts I (2–3).

**LAW 5001.** Contracts II (2–3).

**LAW 5100.** Criminal Law and Procedure (4).

**LAW 5300.** Civil Procedure (4).

**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**

**LAW 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.

**LAW 4935r.** Honors Work (3). Open to participants in the University and department honors program. Participation in a supervised research project and the production of a paper describing the results of that work. May be repeated to a maximum of nine (9) semester hours.
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) in 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

ECO 4504 Public Sector Economics (3)
ECO 4554 Economics of State and Local Government (3)
ECP 3302 Economics of Natural Resources, Energy, and the Environment (3)
ECP 3403 Business Organization and Market Structure (3)
ECP 3451 Economics and the Law (3)
ECP 4413 Government Regulation of Business (3)
ECP 4613 Urban Economics (3)

Geography

GEO 4340 Living in a Hazardous Environment (3)
GEO 4372 Natural Resource Assessment and Analysis (3)

Political Science

CPO 3123 Comparative Government and Politics: Great Britain (3)
POS 3122 State Politics (3)
POS 3691 Law and Society (3)
POS 4413 The American Presidency (3)
POS 4424 Legislative Systems (3)

Other Courses

PHM 3400 Philosophy of Law (3)
SOP 3751 Psychology and the Law (3)

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: James Mitchell, Gretchen Sunderman and Shonna Trinch (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

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.

Requirements for a Major

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 general management majors; 3) the general business core requirements for general management majors; 4) the general business breadth requirements for general management majors; and 5) the major area requirements for general management majors.

Note: to be eligible to pursue a general 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 general management majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

- ACG X021 or ACG X001 and ACG X011;
- ACG X071;
- CGS X100*;
- ECO X013;
- ECO X023;
- MAC X233 or MAC X230;
- STA X023 or QMB X100.

Note: courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

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 3600
- MAN 4720
- STA X021
- STA X023
- STA X033
- STA X043

Plus three (3) electives from the following list of courses:

- FIN 3244
- FIN 3249
- HFT 3240
- ISM 3011
- MAN 3504
- MAR 3700
- QMB 3200
- REE 3043
- RMI 3011

Major Area Requirements

All general 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 general management major area requirements.

- MAN 4301
- MAN 4605
- MAN 4701
- MAN 4752
- RMI 3011
- STA X021
- STA X023
- STA X033
- STA X043
Plus four (4) electives from the following list of courses:

MAN 4143 Contemporary Leadership Challenges (3).
MAN 4201 Organizational Analysis and Change (3).
MAN 4401 Management of Labor and Industrial Relations (3).
MAN 4441 Negotiation and Conflict Management (3).
MAN 4631 International Strategic Management (3).
MAN 4930r Special Studies in Business (3).
MAR 3461 Principles of Purchasing (3).

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.

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 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).
QMB 3200 Quantitative Methods for Business Decisions (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).
MAR 3700 Professional Selling (3).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Major Area Requirements

All human resource 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 human resource management major area requirements.

MAN 4301 Human Resource Management (3).
MAN 4320 Staffing (3).
MAN 4390 Current Issues in Human Resource Management (3).
MAN 4401 Management of Labor and Industrial Relations (3).
MAN 4441 Negotiation and Conflict Management (3).

Plus four (4) electives from the following list of courses:

MAN 4143 Contemporary Leadership Challenges (3).
MAN 4201 Organizational Analysis and Change (3).
MAN 4330 Compensation (3).
MAN 4350 Training and Development (3).
MAN 4441 Negotiation and Conflict Management (3).
MAN 4605 Cross Cultural Management (3).
RMI 4135 Employee Benefit Plans (3).

Definition of Prefixes

GEB — General Business
MAN — Management

Undergraduate Courses

GEB 1030: Introduction to Careers in Business (3). (S/U 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.

GEB 3123: Business Information Systems (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 3025: Concepts of Management (3). Prerequisites: MAC 1411; 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 3949r: Cooperative Education Work Experience (9). (SU grade only.)

MAN 4143: Contemporary Leadership Challenges (3). Prerequisite: MAN 3240. Course provides broad exposure to the theories and practice of effective leadership skills developed 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 4320: Staffing (3). Prerequisites: MAN 3240, 4301. The study of design and operation of systems for employee recruitment and selection, including current practice and issues.

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 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 cultures, and other related management topics will be discussed. May be repeated to a maximum of six (6) semester hours.


MAN 4752: Competitive Dynamics (3). Prerequisite: MAN 4720. Course applies the tools and concepts acquired 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 4905c: Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours as topics vary.

MAN 4930r: Special Studies in Business (1–3). Pre-requisite: 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). (S/U grade only.) Prerequisite: Consent of instructor. Provides student with an opportunity to participate in another business and management course in a hands-on business simulation of competitive dynamics with an eye toward contemporary, emerging competitive issues confronting business senior executives and owners.

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) credit 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 6911r: Supervised Research (1–3). (S/U grade only.)
MAN 6932r: Doctoral Seminar in Strategic Management (3).
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.

- 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 management information systems majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

- MAN 3504 Services Operations Management (3).
- MAN 3600 Multinational Business Operations (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 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

At the time of this printing, all Management Information Systems (MIS) majors must complete the ten (10) courses as listed below. Due to the dynamic nature of the MIS field, all students should verify the current MIS major requirements with the MIS undergraduate advisor upon entry to the major. A grade of “C–” or better must be earned in each class. In all cases, prerequisites to courses must be completed with a grade of “C–” or better before subsequent courses may be entered.

CGS 3403 Introduction to COBOL Programming for Business (3).
CGS 3408 Introduction to Programming with the C Language (3).
CGS 4404 Advanced Application Development (3).
CGS 4406 Object Oriented Programming in C++ (3).
ISM 3003 Foundations of Management Information Systems (3).
ISM 4113 Management Information Systems Analysis and Design (3).
ISM 4117 Decision Support and Expert Systems Management (3).
ISM 4212 Information for Operating Control and Data Management (3).
ISM 4220 Information and Communications Systems Management (3).
ISM 4300 Technology Management (3).

Definition of Prefixes

CGS — Computer General Studies
ISM — Information Systems Management
MAN — Management
QMB — Quantitative Methods in Business

Undergraduate Courses

CGS 3403. Introduction to COBOL Programming for Business (3). Prerequisite: CGS 2100. Study of the use of COBOL in business and government organizations. Specific programs are developed to solve typical management and data processing problems. Structured approaches to problems and design solutions are discussed in detail. Also taught by the Department of Computer Science.
ISM 3003. Foundations of Management Information Systems (3). Prerequisite: CGS 2100. This course is an overview of the MIS profession and the role of MIS in organizations. Topics include the introduction to fundamental techniques and methods used in the analysis of business processes for which computer-based information systems are designed and managed.
ISM 3084. Information Resources Management for Business (4). This course provides coverage of information processing concepts and technology and computer applications in a business environment using microcomputers. The importance of end-user computing 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 applications in all areas of business. MAN 3520. Total Quality Management (3). Prerequisite: 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). Prerequisite: 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.

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
## Graduate Courses

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<tr>
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<th>Course Title</th>
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### Salary Management

- **ISM 4970r. Honors Thesis (1–6)**: Prerequisite: Admission to the honors program. May be repeated to complete nine (9) semester hours as content varies. Prerequisites will vary depending on the topic of the course; refer to department for details.
- **MAN 4941. Field Study in Management (1–3)**: Prerequisite: Consent of instructor. Provides student with on-the-job experience in major area.
- **MAN 4952. Internship in Management Information Systems (1–3)**: Prerequisite: Consent of instructor. Designed for MIS majors only. 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

**Chair:** Dennis Cradit; **Professors:** Brusco, Cradit, Cronin, Down, Flynn, Giunipero, Goldsmith, Hoffaker, Shahwaller, Stith; **Associate Professors:** Freiden, Hartline, Knight; **Assistant Professors:** Kim, Overby, Raman; **Assistant in Marketing:** Bremmer, Palenik; **Richard M. Baker Professor of Marketing:** Goldsmith

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) understanding and decision-making in marketing, management and marketing 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.

### Requirements for a Major in Marketing

All students must complete the following five (5) courses. A grade of “C−” or better must be earned in each course.

- **ACG X021 or ACG X001 and ACG X011**
- **ACG X071**
- **CGS X100**
- **ECO X013**
- **ECO X023**
- **MAC X233 or MAC X230**
- **STA X023 or QMB X100**

Note: courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

### 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 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:

- **FIN 3244** Financial Markets, Institutions, and International Finance Systems (3)
- **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 Behavioral Sciences Implications for Marketing (3).
MAR 4613 Marketing Research (3).
QMB 4700 Operations Research for Managerial Decision (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 Principles of 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 concentrations:

Service Operations. Take MAR 4840 plus any three (3) other marketing electives from the list above.

Supply Chain Management. Take MAR 3461, 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: QMB 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 3323. 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. Formulation of comprehensive, integrated marketing strategies for retail firms in contemporary environments.
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). Prerequisite: 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 3231. Familiarizes students with the scope and complexity of the retail industry and the challenges of retail management.
MAR 4403. Services Marketing (3). Prerequisite: MAR 3023. Exposes the student to concepts, activities, and analysis pertaining to services 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 course in purchasing and materials management. Emphasis is on current research and current practice to achieve strategic sourcing objectives.
MAR 4613. Marketing Research (3). Prerequisite: 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. Introduces students to the scope and complexity of the marketing executive 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 aspect of services marketing, the service marketing mix, and the implementation of service strategies.
MAR 4860. Customer Relationship Management (3). Prerequisite: MAR 3023. Familiarizes students with 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.
MAR 4955. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.
MAR 4939r. Marketing Seminar (3). Prerequisite: MAR 3023. Various topics taught by different instructors each semester. May be repeated to a maximum of six (6) semester hours.
MAR 4941. Internship in Marketing (1–3). (S/U grade only) Prerequisites: MAR 3023, MAR 310. Consent of instructor required. Provides student with on-the-job experience in major area.
MAR 4970r. Honors Thesis (3). Prerequisites: MAR 3023, admission to the honors in the major program. May be repeated to a maximum of six (6) semester hours. Six (6) semester hours of thesis are required to complete honors in the major.
QMB 4700. Research Operations for Managerial Decision (3). Prerequisite: MAN 3504. Quantitative analysis for management decisions involving such topics as linear programming, inventory control, queuing, and project management.

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 5501. Operations Management (3).
MAN 5601. Multinational Business Operations (3).
MAN 6930. 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 Management (3).
MAR 5815. Marketing Management (3).
MAR 5816. Marketing Strategy (3).
MAR 5907r. Directed Individual Study (1–3). (S/U grade only.)
MAR 5908r. Special Studies in Management (1–3).
MAR 5917r. Supervised Research (1–3). (S/U grade only.)
MAR 5935r. Special Topics in Marketing (1–3).
MAR 5940r. Supervised Teaching (1–3). (S/U grade only.)
MAR 5971r. Thesis (3–6). (S/U grade only.)
MAR 6575. Seminar in Marketing: Selected Topics in Consumer Behavior (3).
MAR 6658. Quantitative Methods II: Psychometric and Econometric Approaches to Marketing (3).
MAR 6665. Seminar in Marketing Models (3).
MAR 6817. Seminar in Marketing Management (3).
MAR 6828. Seminar in Marketing: Elements and Integration of Marketing Strategy (3).
MAR 6918r. Supervised Research (1–3). (S/U grade only.)
MAR 6919r. Supervised Teaching (1–3). (S/U grade only.)
MAR 6979. Seminar in Marketing: Research Methodology (3).
QMB 5355. Quantitative Methods for Managerial Decisions (3).
QMB 5845r. Simulation of Dynamic Systems (3).
QMB 5906r. Directed Individual Study (1–3). (S/U grade only.)
QMB 5907r. Special Studies in Management (1–3).
QMB 5935r. Special Topics in Quantitative Methods (1–3).

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 Mathematics provides a venue in which mathematics 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 hosts presentations by actuaries from industry and government; 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

The Department of Mathematics offers bachelor’s, master’s and doctoral degrees. At the undergraduate level there are degree programs in mathematics and actuarial science. (See also “Program in Actuarial Science” in “Academic Programs”.) Within the degree program in mathematics there are major options in mathematics, applied mathematics, and biomedi cal mathematics. The department will develop, with encouragement of the Office of Graduate Studies, a coordinated plan for a strong student to earn both bachelor’s and master’s degrees in ten or eleven semesters of attendance. This is appropriate especially for students who enter with advanced placement or mathematics college credit earned while in high school. A student should contact the departmental academic support coordinator to arrange appropriate faculty advisement in planning a program.

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 of “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 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 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 and ECO X023.

Students are encouraged to complete the courses AGO 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 website, 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 their 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 the mathematics, applied mathematics, or actuarial science 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 new flexible plan major is particularly appropriate for students in other
majors who seek deeper mathematics study, or
students in mathematics who have interdisciplinary
interests. Also, a student may complete
majors in mathematics and actuarial science or
in applied mathematics and actuarial science 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, MAD, MAP, MAS, MAT, MGF,
MHF, 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, MAS
3105, STA 4442, and a course that exhibits profi-
ciency in a scientific computer programming
language. Courses in C, C++, FORTRAN, Java,
or another approved higher-level language will
provide this background. Successful completion
of MAD 3703 will also suffice. Representative
requirements for the three mathematics major
options follow. Students should refer to the de-
partmental website (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 2227, 4402; MAD 2104, 3105, 3703, 4704; MAP 4103, 4153, 4180, 4202, 4216, 4331, 4341, 4342; MAS 4106, 4203, 4303; MAT 4934; MGF 3301; MHH 4102; MTG 4302. At least one of the sequences following, or an approved substitute must be included: MAA 4226 and MAS 4302-4303 as well as MAA 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; CGS 3460; 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. The
State of Florida Common Course Prerequisites, the student will complete
collaborative science courses including BSC 2101, BSC 2101L, BSC 2111, CHM 1045C, CHM 1045L, PHY 2048C or PHY 2053C, 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 ap-
lications 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 website for exact
requirements.

Baccalaureate Degree in
Actuarial Science

In addition to the State of Florida Common Course Prerequisites, there are interdisciplinary
degree requirements. The student should obtain information about recent program
updates from the departmental website (http://
www.math.fsu.edu) or academic advisor; these
assure the best preparation by allowing for a
timely response to recommendations of the
actuarial professional societies. Representative
requirements include: MAS 3105; MAP 4170,
4175; STA 4442; CGS 3408 or equivalent; and
three (3) repetitions of actuarial tutorial MAT
4930.

Note: For the most recent information concern-
ing course requirements for this program, please refer to http://www.math.fsu.edu.

Additional requirements include a total of
five (5) courses from three course groups. Stu-
dents must complete:

1. Two (2) courses chosen from MAP 2302, MAT
4931r [Actuarial Models II], STA 4322;
2. At least one (1) course chosen from MAA 4224
or MAA 4226, MAD 3703, MAP 4341, MAS
4106, STA 2122, STA 4203, STA 4853; and
3. At least one (1) of the following courses: ECO
4101, ECO 4401, ECO 4241, FIN 4514, RMI
4115, RMI 4135, RMI 4224, RMI 4292.

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 3011. These courses satisfy the
requirements for a minor in business and no ad-
nitional minor is required.

Minor or Second Major

Information concerning acceptable minors and second majors for students majoring in a
department program is available from the depart-
ment office. The required computer science,
physics, and statistics courses are collateral and
may be counted toward a minor in the appro-
priate 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, 2311.

Credit Note 1. In exception to the preced-
ing 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
MGF 1214. Environmental Mathematics (3). Recommended background: two years of high school algebra. An introduction to mathematical modeling in understanding and solving environmental problems. The H.T. Odum energy diagrams for energy flows provide visual models for the flow of energy in the ecosystem. Students will be required to write computer assignments, which can then be solved by ordinary calculators.

MAC 2323. Calculus for Business (3). Prerequisites: An 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; differentiation rules; 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: An appropriate score on a mathematics placement examination. An introduction to the methods of mathematics through such a variety of classical and modern topics as set theory, logic, number theory, graph theory and topology and geometry. Textbooks and examination will provide the framework of the course. Theorem of Calculus, and sequences and series of functions.

MAC 2421. Introduction to Analytical Geometry II (3). Prerequisites: MAC 2311. Approximation theory, numerical solution of nonlinear systems, boundary value problems and minimization, and numerical differential equations.

MAC 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 emphasizing congruence, similarity, Pythagorean triples, and areas of curvilinear figures. Not open to students majoring in mathematics.

MAT 3703. Numerical Analysis I (3). Prerequisites: MAC 2312; MAS 3105. Function spaces, Hilbert space, quotient spaces, general topologies, and the algebra of sets will be studied. Maxima and minima of functions will be emphasized.

MAT 3705. Linear Algebra (2). Prerequisite: MAC 2312; MAS 3105. Finite dimensional vector spaces, linear dependence and independence, linear transformations, matrices, and geometric applications will be studied.

MAT 4202. Optimization (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.


MAT 4342. Elementary Partial Differential Equations II (3). Prerequisite: MAP 4341. Solution of first-order differential equations, classification and reduction to normal form of linear second-order equations, Green's function, infinite domain problems, the wave equation, and harmonic functions.

MAT 4106. Applied Linear Algebra II (3). Prerequisites: MAC 2313; MAS 3105. Positive definite matrices, matrix exponential, linear programming and game theory applications.

MAT 4203. Theory of Numbers (3). Prerequisite: MAS 5301. Groups, permutation groups, subgroups, group homomorphisms, structure of groups, rings, ideals, ring homomorphisms, rings of quotients, polynomials, factorization, fields, field extensions.

MAT 4906c. Directed Individual Study (1–4). May be repeated to a maximum of twelve (12) semester hours.

MAT 4930e. Special Topics in Mathematics (1–3). (SU grade only.) May be repeated to a maximum of twelve (12) semester hours.

MAT 4931e. Special Topics in Mathematics (1–3). May be repeated to a maximum of six (6) semester hours when subject matter changes.

MAT 4945e. Undergraduate Research Internship (1–6). May be repeated to a maximum of three (3) semester hours.

MTH 4302. Mathematical Logic I (3). Prerequisite: MAT 3105 or consent of instructor. Propositional and predicate logic, models. Godel's completeness theorem and related topics.

MTH 5312. College Geometry (3). Prerequisites: MAC 2312; MAS 3105. Fundamental topics in geometry from an advanced viewpoint, primarily designed for teachers and prospective teachers of mathematics.


MTG 4102. Elementary Topology II (3). Prerequisite: MAT 3105. Function spaces, Hilbert space, quotient spaces, continuity, paracontinuity and metrizability, nets and filters, the fundamental group.

Graduate Courses


MAA 5407. Theory of Functions of a Complex Variable, I, II (3, 3).

MAE 5616. Measure an integration I, II (3, 3).

MAA 5721. Computer Analysis (3).

MAD 5305. Graph Theory (3).

MAD 5420. Numerical Optimization (3).

MAD 5708. Numerical Analysis II (3).


MAD 5757. High Order Finite Difference Methods for Computational Fluid Dynamics (3).

MAP 5107. Mathematical Modeling (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).
Department of MECHANICAL ENGINEERING

FAMU—FSU COLLEGE OF ENGINEERING

Chair: Chiang Shih; Professors: Buzyna, Chandra, Chen, Collins, Garmestani, Giellise, Krothapalli, Lourenco, Schwartz, Shih, Van Dommelen, Van Sciver, Alvi, Hollis, Hruda, Kalu, Luongo; Associate Professors: Avi, Hollis, Hruda, Kalu, Luongo; Assistant Professors: Cartes, Foreman; Visiting Assistant Professors: Moore, Ordonez; Affiliated Faculty: Haik, Han, Howard, Hussaini, Johnson, Loper, Tam

The bachelor of science (BS) program in the Department of Mechanical Engineering is designed to provide 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 in mechanical engineering is designed to impart knowledge in basic and engineering sciences, to develop communication skills, to recognize economic principles, and to acquire a grasp of contemporary engineering practices. Beyond the basic core curriculum, the courses are grouped into four major areas: thermal and fluid sciences, mechanical system sciences, mechanics and materials, and design. The courses in each of these areas emphasize a basic foundation in the engineering sciences combined with a strong design orientation and extensive laboratory experience. To experience individual creativity, a two-semester senior design project is carried out which couples theory and analysis with the physical world. Special emphasis is placed on communication skills through a rigorous writing of several laboratory reports and design project presentations. Computer literacy is tested through various courses, and the students are exposed to current industrial design software.

The department maintains well-equipped teaching and research laboratories in each major area of interest. Included are fluid mechanics, heat transfer, mechanics and materials, vibrations, and robotics laboratories. The College of Engineering provides several computer labs running a variety of standard design and analysis software packages, including Algor FEA modules, MSC.Software’s Adams and Mathworks MATLAB software packages, as well as to analyze and interpret data.

The College of Engineering provides students with access to a variety of standard design and analysis software packages, including Algor FEA modules, MSC.Software’s Adams and Mathworks MATLAB software packages, running a variety of standard design and analysis software packages, including Algor FEA modules, MSC.Software’s Adams and Mathworks MATLAB software packages, as well as to analyze and interpret data.

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;
4. Function effectively in increasingly multicultural and multi-disciplinary environments across regional and national borders.

Program Outcomes

In fulfilling the undergraduate educational objectives, the desired outcomes are that our graduates demonstrate the following:

a. An ability to apply knowledge of mathematics, calculus based science and engineering to mechanical engineering problems;
b. An ability to design and conduct experiments, as well as to analyze and interpret data;
c. An ability to design thermal and mechanical systems, components, or processes to meet desired needs;
d. An ability to function on multi-disciplinary teams;
e. An ability to identify, formulate, and solve engineering problems;
f. An understanding of professional and ethical responsibility;
g. An ability to communicate effectively with written, oral, and visual means;
h. The broad education necessary to understand the impact of engineering solutions in a global and societal context, and a knowledge of contemporary issues;
i. A recognition of the need for, and an ability to engage in life-long learning;
j. An ability to use modern engineering techniques, skills, and computing tools necessary for engineering practice; and,
k. 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 year.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC 1101;
2. ENC 1102;
3. MAC 2311*;
4. MAC 2312*;
5. MAC 2313*;
6. MAP 2302;
7. CHM 1045/1045L*;
8. PHY 2048/2048L*;
9. PHY 2049/2049L*;
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.

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:

CHM 1045 General Chemistry I (3)
CHM 1045L General Chemistry I Laboratory (1)
EEL 3003 Introduction to Electrical Engineering (3)
EEL 3003L Introduction to Electrical Engineering Laboratory (1)
EGN 1004L First Year Engineering Laboratory (1)
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)
PHY 2048C General Physics A (5)
PHY 2049C General Physics B (5)

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 advisors or from the student affairs coordinator.

Mechanical Engineering Curriculum

Key features of the curriculum in mechanical engineering include the integration of relevant material, introduction 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:

EGN 3302C Mechanical Engineering Tools (4)
EGN 3304C 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 Thermal-Fluids Lab (3)
EML 4550 Engineering Design Methods (3)
EML 4551C Engineering Design Systems I (3)
EML 4552C Engineering Design Systems II (3)
MAP 3306 Engineering Math II (3)
XXX Technical Electives (12)
XXX XXXS Senior Seminar (3)

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.

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 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, and defer some undergraduate courses until the fifth year when they complete the remaining graduate course work. 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 full entry. Details on the curriculum may be obtained from the mechanical engineering department office.

Definition of Prefixes

EAS — Aerospace Engineering
EGE — 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 designed to provide a clear introductory understanding of the science and engineering of heavier-than-air flight vehicles. Production of lift and drag, important features of viscosity and compressibility, airplane design characteristics, and rocket propulsion.

EAS 4101. Principles of Aerodynamics (3). Prerequisite: EAS 3016C. Atmospheric flight vehicles; the reason for configuration and the nature of airfoils; two-dimensional subsonic thin air; airfoil predictions of pressure, lift, and other properties of airfoils.

EAS 4202. Aerospace Structural Analysis (3). Prerequisites: EAS 3012C; MAP 3306. Elements of elasticity theory, elastic and inelastic material behavior, analysis of solid and thin-walled sections, boundary value problems, application to aerospace structures.

EGM 3512. Engineering Mechanics (4). Prerequisites: MAC 2312; PHY 2048. Course covers topics 11-13. In this course, students develop statics and dynamics of particles and rigid bodies using vector analysis, free body diagrams, equilibrium of particles and rigid bodies, particle and rigid body motion, work, energy, and impulse and momentum methods.

EGM 3520. Mechanics of Materials (3). Prerequisite: EGM 3512. Concept of stress and strain, Hooke’s laws, torsion, bending, combined loading, Mohr’s circles, deflections, design of pressure vessels, shafts, beams, columns, energy methods.

EGM 3531. Numerical Methods (3). Prerequisites: MAP 3305, CGS 3408; or their equivalents. Number representation, linear, quadratic, and cubic interpolation, introduction to numerical methods, 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 materials behavior in practice.

EML 3002C. Mechanical Engineering Tools (4). Prerequisite: EML 3002C. Students learn the fundamentals and techniques of optical and electron microscopy as applied to the determination of physical, chemical, and structural properties of materials and materials behavior in practice.

EML 3004C. Introduction to Mechanical Engineering (4). Prerequisites: MAC 2312; PHY 2048C. Course covers the engineering profession, drafting, measurements, ethics, states, the application 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; introduction to design in successive sequence; design concepts generation, evaluation, and implementation; concurrent engineering; total quality techniques; ergonomics; materials selection in design, ethics in the engineering workplace, technical communications; design applications in industrial and team projects.

EML 3010C. 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 in the introduction to design concepts of mechanics and principles of materials science. Topics covered include two-dimensional subsonic thin air; airfoil predictions of pressure, lift, and other properties of airfoils.
Mechanics of materials and materials science. This course also gives the students an insight into technical report writing techniques.

**EML 301C. Dynamic Systems I (4).** Prerequisites: EML 300C, 3004C. Corequisite: MAP 3305. This course is the first part of a two-part sequence in dynamics and control. Material in this first course includes the following: absolute and relative motion of particles and rigid bodies; motion of particles in rotating coordinate systems; derivation and solution of differential equations of motion; single degree of freedom vibrations, and elementary feedback control.

**EML 3014C. Dynamic Systems II (4).** Prerequisite: EML 301C. Corequisite: MAP 3306. This course is the second part of an integrated sequence in dynamics, vibration, and control. Material in this second course includes the development of the equations of motion for translational and rotational mechanical systems, electrical systems, electromagnetic systems, and a nonlinear system response using standard differential equation solution techniques and Laplace transforms; frequency response and impedance linearity; linearization of nonlinear system models, and block diagrams and feedback control strategies.

**EML 3015C. Thermal-Fluids I (4).** Prerequisites: EML 301C, MAC 2313. First of a two-part sequence presenting an integrated treatment of traditional topics on thermodynamics, fluid mechanics and heat transfer. The essential role of each of these related elements and their connections is examined in the context of real-world systems. Material covered includes: first and second laws of thermodynamics; power and refrigeration cycles; fluids including: density, viscosity, and surface tension; heat transfer by conduction, convection and radiation; fluid statics; mass momentum and energy conservation; thermal resistance equation; and internal heat generation.

**EML 3016C. Thermal-Fluids II (4).** Prerequisite: EML 3015C. Required corequisite: EML 4304L. Second of a two-part sequence presenting an integrated treatment of traditional topics on thermodynamics, fluid mechanics and heat transfer. The essential role of each of these related elements and their connections is examined in the context of real-world systems.

**EML 3017C. Mechanical Systems I (4).** Prerequisites: EML 301C. Corequisite: EML 3012C. This is the first course in a sequence of two courses intended to provide the essential tools for the design and analysis of mechanical systems. Emphasis is on linking thermodynamics, statics, dynamics, machine design, and reliability to provide a framework for understanding the essential role of each of these related elements and their connections is examined in the context of real-world systems.

**EML 3030. Analytical Tools in Mechanical Engineering (3).** Prerequisite: EML 300C, 3004C, MAP 3305. Corequisite: EML 3014C. This course is intended to explore some of the mathematical and numerical tools related to practical applications in mechanical engineering, as well as modeling of real physical systems. Includes: numerical techniques; optimization; finite element methods; computer graphics; and computer-aided design.

**EML 3050. Thermodynamics (2).** Prerequisites: CHM 1045; MAC 2312; PHY 2048. Fundamentals of thermodynamics. System description, common properties. Properties of pure substances: tables; heat; work; energy; specific heat; steam tables; properties of gases; changes of state; phase transitions; 1st and 2nd law of thermodynamics; open and closed systems. Equations of state and common thermodynamic relations. For non-mechanical engineering students.

**EML 3101. Applied Thermodynamics (3).** Prerequisite: EML 3100. Availability and reversibility, gas and vapor mixtures, combustion, chemical analysis, internal combustion in an automobile engine, and elements of the internal combustion engine. Gas laws, chemical equilibria and processes, phase changes, heat engines, Carnot's theorem, and thermodynamic cycles. The First and Second Laws of Thermodynamics, closed and open systems. Equations of state and general thermodynamic relations. For mechanical engineering students. Participation in a supervised research project in the field of mechanical engineering. Content and credit will vary. Consult the instructor. May be repeated for credit.

**EML 3105. Machine Design (3).** Prerequisite: EML 301C. Corequisite: EML 3005. Introduction to the fundamentals of machine design: design methodology; analysis of the kinematics, kinetics and statics of mechanisms, cams, and gears; and computer-aided design. Computer-aided design allows for the process of designing mechanical components to be optimized at each stage of the design process. The course covers topics such as stocks and materials, mechanical behavior, tribology, control systems, and computer-aided design (CAD) applications. The course is structured to closely resemble the ‘on the job’ engineering design process.

**EML 4320. Introduction to Mechanical Vibrations (3).** Prerequisites: EML 301C, MAP 3306, CGS 3408. Study of vibrations in a number of systems including mechanical systems, electrical systems, electromagnetic systems, and nonlinear systems. Solutions for various types of mechanical systems; dynamics of a deformable body; waves; vibrations of continuous systems; vibrations in beams; vibrations in plates.

**EML 4324. Materials Science and Engineering (3).** Prerequisite: EML 301C. Corequisite: EML 3005. The relationship of materials science and their relevance to engineering design. Recent advances in engineering materials science.

**EML 4545C. Senior Design Project I (3).** Prerequisites: EML 3012C, 3014C, 3016C, 3018C. Corequisite: EML 4550. This course is intended to be a component of the mechanical engineering ‘capsule’ senior design course project. The project covers the product design cycle from problem identification to manufacture and design. The student is responsible for the planning, design, implementation, and testing of a mechanical system design project for engineering product realization. Course blend of perspectives of market research and planning, experimentation, manufacturing, and technical reporting. This is the ‘capsule’ course for mechanical engineering students. This course offers weekly seminars on the planning and execution of different phases of the project, plus frequent and extensive design reviews. This course is structured to closely resemble the ‘on the job’ engineering design process.

**EML 4552C. Senior Design Project II (3).** Prerequisites: EML 4550, 4551. The second part of the engineering design course. The material covered is a continuation of topics in the first part and the completion of a student-designed project.

**EML 4558. Senior Design Project (3).** Prerequisite: Senior standing in mechanical engineering. A capstone design course, integrating the knowledge gained in undergraduate studies through completion of a team or individual design project.

**EML 4711. Introduction to Gas Dynamics (3).** Prerequisite: EML 3016C. This course is a thorough one-dimensional treatment of compressible flows and applications to nozzles, diffuser, sound waves, tunnel, and shock tube flows.

**EML 4800. Introduction to Robotics (3).** Prerequisite: EML 3014C. Corequisite: EML 4535C. Basic elements of a robot, robot actuators, and servo control; sensors, sensors, vision, and voice; microprocessor system design and computers; control system applications.

**EML 4905c. Directed Individual Study (1–3).** Prerequisites: Junior standing, a “B” average in mechanical engineering, and approval of instructor. May be repeated to a maximum of twelve (12) semester hours.

**EML 4921. Engineering Communications (3).** Prerequisite: Approval of instructor. Emphasis on effective communication in engineering communications; composition and style of various types of written, graphical, and oral presentations of technical information; critical analysis of presentations related to the design, testing, and performance of components and systems related to engineering practice.

**EML 4930b. 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 4945c. Practical Work in Mechanical Engineering (1–4).** Prerequisite: Approval of instructor. May be repeated to a maximum of three (3) semester hours.

**EML 4970r. Honors Work (3).** Prerequisite: Acceptance into honors program. Participation in a supervised research project and the production of a thesis describing the results of that work. May be repeated to a maximum of six (6) required semester hours.
MEDICINE

COLLEGE OF MEDICINE

Chair, Department of Biomedical Sciences:
David Balkwill; Chair, Department of Medical Humanities:
Suzanne Johnson; Chair, Department of Family Medicine:
TBA; Chair, Department of Clinical Sciences:
Eugene Ryerson; Chair, Department of Geriatrics:
Kenneth Brummill-Smith; Faculty and Academic Administrators:

The Florida State University College of Medicine, in partnership with local communities, provides a four-year program of study leading to the medical degree (M.D.). The college has received initial provisional accreditation from the Liaison Committee on Medical Education of the Association of American Medical Colleges and the American Medical Association. The mission of the College of Medicine is to educate and develop exemplary physicians who practice patient-centered health care, who discover and advance knowledge, and who are responsive to community needs, especially through service to older, rural, and other medically underserved populations.

For complete details of degree requirements, plus a description of the college and its services, refer to the “College of Medicine” chapter of this General Bulletin.

Definition of Prefixes

BCC — Basic Clinical Clerkship
BMS — Basic Medical Sciences
GMS — Graduate Medical Sciences
MEL — Medical Science Electives

Graduate 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 6204. Medical Biochemistry and Genetics (4).
GMS 6706C. Clinical Neuroscience (4).

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 6511. Organ Physiology (4).
BMS 6520. Systemic Physiology (2).
BMS 6601. General Pathology and Immunology (4).
BMS 6602. Systemic Pathology and Laboratory Medicine (6).
BMS 6821. Psychosocial Aspects of Medicine I (2).
BMS 6822. Psychosocial Aspects of Medicine II (4).
BMS 6823. Health Issues in Medicine (2).
BMS 6831. Doctoring 201 (6).
BMS 6832. Doctoring 202 (7–9).
BMS 6900. Directed Individual Study in Biomedical and Clinical (2–9). (S/U grade only.)
BMS 6940. Internship/Practicum/Clinical Practice (1). (S/U grade only.)
Third Year Courses

BCC 7112. Internal Medicine (8).
BCC 7130. Obstetrics and 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 Clerkships

Note: All courses listed below require successful completion of Third Year coursework prior to enrollment in Fourth Year Elective Courtships.

BMS 7181. Neuroscience Clinical Clerkship (10).
BMS 7189r. Special Topics in Clinical Anatomy (2).
BMS 7660. Senior Pathology Clerkship (11).
BMS 7662. Pathology and Laboratory Medicine (11).
BMS 7663. Anatomic Pathology (11).
BMS 7669. Pathology Practice in the Community Setting (11).
BMS 7680r. Medical Externship in Pathology - Anatomic and Clinical (2-9).

MEL 7101r. Special Topics in Clinical Sciences (5-11).
MEL 7105. Advanced Ambulatory Care (11).
MEL 7108. Behavioral Medicine (11).
MEL 7110. Bioethics on Film (5).
MEL 7111. Ethics in Practice (5).
MEL 7118r. Special Topics in Medical Humanities and Social Sciences (11).
MEL 7119. Research Ethics (5).
MEL 7120. Psychosocial Issues in Underserved Populations (11).
MEL 7121. Patient Safety in the Physician’s Practice (11).
MEL 7122. Medical/Psychiatric Elective (5-11).
MEL 7123. International Elective In Family Medicine (14).
MEL 7124. Implications of Health Policy to the Healthcare System (5).
MEL 7125. Inpatient (Hospitalist) Medicine (11).
MEL 7126. Consult Liaison Elective (5-11).
MEL 7127. Occupational Medicine (11).
MEL 7129. Podiatry (11).
MEL 7208. Palliative Care (11).
MEL 7209. Hospice Elective (11-12).
MEL 7244. Sports Medicine - the Primary Care and Orthopedic Perspectives (11).
MEL 7245r. Special Topics in Geriatrics (5-11).
MEL 7246. The Role of a Geriatrician (5-11).
MEL 7247. Hospital-based Care of the Older Adult (5-16).
MEL 7248. Externship in a Subacute Skilled Nursing Facility (5-11).
MEL 7249. Family Medicine with Special Emphasis on Sports Medicine (9).
MEL 7254. Family Medicine in Underserved Rural Areas (9).
MEL 7256. Community Based Care of the Frail Older Adult (11).
MEL 7257. Community Based Care of the Older Adult (5-16).
Department of
METEOROLOGY

COLLEGE OF ARTS AND SCIENCES

Chair: Robert G. Ellington; Associate Chair: Ruscher; Professors: *Barclon, Ellington, Fueller, T. Krishnamurti, Nicholson, +O’Brien, Ray, Zou; Associate Professors: Ahlquist, Cai, *Clayson, Kim, Ruscher; Assistant Professors: Bourassa, Liu, Reasor; Visiting Professor: Jin; Visiting Assistant Professors: Cunningham, Hart; Professors Emeriti: Gleeson, LaSueur, Long, Preiffer, Stuart
* Also Associate, Institute of Geophysical Fluid Dynamics
+ Joint appointment with the Department of Oceanography
# Also Faculty Associate, School of Computational Science and Information Technology (CSIT)
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 within the departments of Mathematics and Oceanography, the Geophysical Fluid Dynamics Institute (GFDI), and the School of Computational Science and Information Technology (CSIT). 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 via NOAA PORT. 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 computer 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. The department is also housed in the College of Arts and Sciences’ chapter of the General Bulletin. A detailed handout for meteorology majors entitled ‘ACADEMIC PROGRAMS’ is available in the departmental office.

State of Florida Common Course Prerequisites

The Florida State University 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 and approved substitutions necessary for this degree program:

1. MAC 2311;
2. MAC 2312;
3. MAC 2313;
4. PHY 2048/2048L or PHY 2048C;
5. PHY 2049/2049L or PHY 2049C.

Requirements for a Major in Meteorology

Please review all college-wide degree requirements, as well as degree requirements for this University degree program. Required courses are marked with an asterisk (*). A detailed handout for meteorology majors entitled ‘REQUIREMENTS’ is available in the departmental office.

Meteorology is a quantitative science requiring extensive preparation in mathematics and physics. Freshmen entering the program are encouraged to take the College-Level Examination Program (CLEP) or other examination 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.

Coursework and Requirements

Required coursework. MET 2101, 2502C, 2700, 3300, 4301, 4302, 4420, 4500C, and 4501C. Those intending to seek employment as a meteorologist with the Federal Government should take MET 4400C as one of their elective courses. MET 4450 and its corequisite PHY 3101 are strongly recommended for graduate work.

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.

All students also must complete CHM 1045C, PHY 2048C, and PHY 2049C. Students who wish to take MET 4450 must also take PHY 3101 (a corequisite course); this provides such students with a second minor in physics. Computer science has arranged for a special minor for meteorology majors (see department for details.)

Note: required coursework in statistics and computer science is under review, and students should inquire upon enrollment with the Department of Meteorology about these requirements.

The bachelor of arts degree may be obtained by completing the bachelor of science 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, F, D-, 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 Programs” section 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 advisor 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, 4th Love Building. In no case may more than three (3) semester hours in S/U courses apply towards a major or minor 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

ISC — Interdisciplinary Sciences
MAP — Mathematics Applied
MET — Meteorology
OCP — Physical Oceanography
PSC — Physical Sciences
SCE — Science Education

Undergraduate Courses

PSC 2800C. Earth Science for EC/EE Teachers (4).

Note: for descriptions of the above courses, 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 1010L. Introductory Meteorology Laboratory (1). Prequisite: 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).

INTRODUCTORY COURSES FOR MAJORS

MET 2101. Physical Climatology (3). Corequisite: MET 2700. Global distribution of principal climatic elements with emphasis on physical causes. Statistical analysis of distributions of climatological variables. 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. Observational and meteorological analysis and weather forecasting techniques 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 3949r. Cooperative Education Work Experience (0, S/U grade only.)

REQUIRED COURSES FOR MAJORS

MET 3300. Introduction to Atmospheric Dynamics (3). Prerequisites: MAC 2121, MAC 2280C. Both with a grade of “C” or better. This course will examine a variety of topics, including equations of motion, mass conservation, thermodynamics, vorticity, and geostrophic, gradient and thermal wind. MET 4301. Atmospheric Dynamics (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; generalized coordinates; circulation and vorticity theorems; scale analysis; Reynolds stresses; Prandtl and Ekman layers; developing baroclinic systems.

MET 4302. Atmospheric Dynamics II (3). 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 4320. Atmospheric Physics I (3). Prerequisites: PHY 2048C, 2049C; MET 2700 (“C” or better). MET 3300. 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 2502C (“C” or better). MET 4420; MET 11324 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 Analysis (4). Prerequisites: MET 4001 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 2700. 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.

MET 4159. Selected Topics in Meteorology (1–3). Prerequisite: MET 2700 (“C” or better). Corequisites: MET 2101, 3300; 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 4450. Atmospheric Physics II (3). Prerequisite: MET 4420; Corequisite: PHY 3101. Microphysics and dynamics of clouds; growth of ice crystals. Radiative processes in the atmosphere; radiative transfer equation, absorption by gases, Rayleigh scattering.

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 products used in operational weather forecast offices. Topics also is presented. MET 4900r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

MET 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

MET 4945r. Meteorology Internship I (3). (S/U grade only.) Prerequisite: Approval of instructors. Internship as a member of the departmental staff. 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 5253. Satellite and Remote Sensing 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 I (3–5).

OTHER COURSES

MET 5090r. Applied Time Series Analysis (3).
MET 5905r. Directed Individual Study I (1–3). (S/U grades only.)
MET 5906c. Directed Individual Study II (1–3).
MET 5910r. Supervised Research I (1–5). (S/U grades only.)
MET 5920r. Colloquium: Topics in Meteorology and Atmospheric Science (1). (S/U grade only.)
MET 5930. Master’s Seminar (2).
MET 5971r. Thesis I (1–6). (S/U grade only.)
MET 5979r. Supervised Teaching (1–5). (S/U grade only.)
MET 6906c. Directed Individual Study I (1–3). (S/U grade only.)
Department of MIDDLE AND SECONDARY EDUCATION

COLLEGE OF EDUCATION

Chair: David Foulk

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)
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, earthspace 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 2701;
3. EME 2040;
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) 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 Language Teacher Education

1. EDF X005;
2. EDG 2701;
3. EME 2040;
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) 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 2701;
3. EME 2040;
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) 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.

Note: courses specified in category 5 may be applied to the corresponding requirements in liberal arts and sciences noted above.

Chemistry Teacher Education

1. EDF X005;
2. EDG 2701;
3. EME 2040;
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.

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 2701;
3. EME 2040;
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 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.

Physics Teacher Education

1. EDF X005;
2. EDG 2701;
3. EME 2040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas:
   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 physics with lab;
   b) Eight (8) semester hours of biology with lab or 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 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.

Middle Grades Science Teacher Education

1. EDF X005;
2. EDG 2701;
3. EME 2040;
4. Forty-five (45) semester hours chosen from the following liberal arts and sciences areas:
   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 2701;
3. EME 2040;
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).

### Junior High/Middle School Mathematics Education

1. EDF X005;
2. EDG 2701;
3. EME 2040;
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;
   b) Three (3) semester hours of computer programming language (applicable to microcomputer);
   c) Four (4) semester hours of biological science;
   d) Four (4) semester hours of electives in mathematics or physical 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.

### Social Sciences Teacher Education

1. EDF X005;
2. EDG 2701;
3. EME 2040;
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 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.
All graduates are required to be eligible for the state ESOL endorsement and will take approved coursework in teaching English as a second language.

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; 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.

**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; **Assistant Professor:** Wood; **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 advisor in English Education for specific courses satisfying these requirements.

In English education, candidates must complete LAE 3331, 3333, 4323, 4360, 4660, 4941, 4942 (student teaching) and an approved reading course. English education course work may be taken as independent study (LAE 4905r) or in special topics in teaching English (LAE 4930).

**Definition of Prefixes**

LAE — Language Arts and English Education
RED — Reading Education

**Undergraduate Courses**

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 advanced literature, resources and methods for teaching literature in high schools, uses of creative dramas 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 writing.

LAE 3323. 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 3332. Applied English Linguistics for Teachers (3). A course for prospective middle and high school teachers in contemporary approaches to English linguistics taught in Florida public secondary schools; grammar, usage, dialectology, dictation (vocabulary development), semantics, and lexicography. Linguistic content will be related to contemporary theories of learning.

LAE 3460. Classroom Management and Planning Instruction in Middle/High School English (3). Prerequisites: Two from LAE 3331, 3333, and 4323. 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. To be taken during the final semester of enrollment with LAE 4941.

LAE 4860. 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 hyper text.

LAE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six 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 4957r. Honors Work (3). May be repeated to a maximum of six (6) semester hours.

**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 5908r. Directed Individual Study (1–3). (S/U grade only.)
LAE 5915r. Supervised Research (1–4). (S/U grade only.)
LAE 5932r. Special Topics in English Education (1–3).
LAE 5940r. Field Laboratory Internship (1–8). (S/U grade only.)
LAE 5945r. 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 advisor 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 systems.

Admission to the undergraduate program (both school and community health) requires a minimum GPA of 2.75 in English, an 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 advisor.

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 some 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.

Note: 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. School 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 3121. Problems in Health Education (3). Pre-requisite: 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; Corequisite: HSC 3312. Participate in a variety of techniques used in educational settings; to analyze, plan, implement, and evaluate health education methodologies and strategies for a school setting.

HSC 3949r. 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 4814r. 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.

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 4955c. 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.

Graduate Courses

HSC 5006. Foundations of Health Promotions (3).

HSC 5142. Health/Drug Education/Promotion Strategies in Schools (3).

HSC 5247. Seminar in Community Health Education Program Planning and Evaluation (3).

HSC 5506. Epidemiological Practices for Health Educators (3).

HSC 5817r. Supervised Community Health Education Field Experience (1–12). (S/U grade only.)

HSC 5875r. Supervised Teaching (1–4). (S/U grade only.)

HSC 5908e. Directed Individual Study (1–3).

HSC 5915r. Supervised Research (1–4). (S/U grade only.)

HSC 5925r. Selected Special Topics in Health Education (3).

MATHEDUCATION

Associate Professors: Aspinwall, Jakubowski, Presmeg, Shaw; Assistant Professor: Fernandez; Visiting Assistant Professor: Clark; 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.

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 middle grades mathematics must take EDM 3001; CHD 3240 or DEP 3305; MAE 4320, 4330, 4657, 4862, 4940; and TSL 4324. A student must earn at least a “C” 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.

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); 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: pass all parts of the FTCE (General Knowledge, Professional Knowledge, and Subject Area); an overall 2.5 GPA; and 3) demonstrate at a satisfactory level all of the Florida Educator Accomplished Practices at the preprofessional level during student teaching (MAE 4945.)

Definition of Prefix

MAE — Mathematics Education

Undergraduate Courses

MAE 4320. Teaching Mathematics in the Middle School (3). Prerequisites: MAC 2311, MAE 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 middle school context of the middle grades are considered.

MAE 4330. How Adolescents Learn Mathematics (3). Prerequisite: MAC 2311. This course examines the following topics: foundation in adolescents’ learning of mathematics; theories of learning in mathematics; the nature of mathematics; and learners’ mathematical processes (problem solving, reasoning, representation, communication and connections.) It also analyzes middle and high school mathematics curricula from the perspective of adolescent learning.

MAE 4335. Teaching High School Mathematics (3). Prerequisites: MAC 2311, 2312. This course provides a foundation in the pedagogy of mathematics, focusing on the tools of problem solving, cooperative learning, and appropriate tools for teaching algebra, geometry, trigonometry, calculus, statistics and probability, measurement, and number concepts and operations.


MAE 4551. 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 area of arithmetic, algebra, and geometry.

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 4862. Using History in the Teaching of Mathematics (3). The course examines the historical origins and development of key mathematical topics. Topics are chosen from number systems, numeration, computation, number theory, algebra, geometry, analytic geometry, and calculus.
Curriculum for Teachers of Foreign Language Leading to a Baccalaureate Degree and Florida Teacher Certification

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 than the 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 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

Undergraduate Courses

FLE 3033. Introduction to Teaching Foreign Language (4). Historical development, sequence, and objectives of foreign language study; strategies for teaching second language; language learning theories for communication.
FLE 4591. Second Language Testing and Evaluation (O). Prerequisites: EDF 1005; EGD 2701; EME 2400, admission into teacher education program. This course is designed to acquaint students with principles of second language as a standardized teaching instrument, 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.
FLE 4794. 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.
FLE 4905r. Directed Individual Study (1-3). May be repeated to a maximum of twelve (12) semester hours.
FLE 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.
FLE 4945. Associate Teaching in a Foreign Language (10). (S/U grade only.) Prerequisites: FLE 3033, 4941, passing on FTCE.

Graduate Courses

EAP 5860. Advanced English Practice for International Educators (3). (S/U grade only.)
FLE 5195. Development of Curriculum and Materials in Foreign Languages (3).
FLE 5295. Reading in Foreign Language Instruction (3).
FLE 5365. Teaching of Culture: Multicultural/Multilingual Perspectives (3).
FLE 5595. Testing and Evaluation in Foreign Languages (3).
FLE 5775. Seminar in Research in Second Languages and Teaching (1).
FLE 5795. Applied Linguistics in Foreign Language Teaching (3).
FLE 5796r. Seminar: Special Topics in Applied Linguistics (2-3).
FLE 5908r. Directed Individual Study (1-3). (S/U grade only.)
FLE 5915r. Supervised Research (1-4). (S/U grade only.)
FLE 5940r. Field Laboratory Internship (1-8). (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 English as a Second/Foreign Language (4).
TSL 5325. ESOL (English to Speakers of Other Languages) Instruction in the Content Area (3).
TSL 5908r. 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).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MULTILINGUAL/ MULTICULTURAL EDUCATION

Professor: Jenks; Associate Professors: Brooks, Platt; Assistant Professors: Hasson, Pappanmihie; Professor Emeritus: Leamon; Courtesy Professors: Kennell, Lupo-Anderson

Multilingual/multicultural education provides instruction to individuals who are seeking teacher certification in foreign languages (undergraduate) and/or 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 bilingual 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.

TFL 4240. Language Principles and Acquisition (4). Prerequisites: TSL 3130, admittance into College of Education; admittance into Secondary English Education program. This course is designed to provide an introduction to the teaching of English proficient students. It is the first course in a pair of ESOL courses to be taken by all English education majors and, along with the infused program of study, satisfies the requirements for ESOL endorsement in the State of Florida.

TFL 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 grades.

TFL 4945r. 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 5195. Development of Curriculum and Materials in Foreign Languages (3).
FLE 5295. Reading in Foreign Language Instruction (3).
FLE 5365. Teaching of Culture: Multicultural/Multilingual Perspectives (3).
FLE 5595. Testing and Evaluation in Foreign Languages (3).
FLE 5775. Seminar in Research in Second Languages and Teaching (1).
FLE 5795. Applied Linguistics in Foreign Language Teaching (3).
FLE 5796r. Seminar: Special Topics in Applied Linguistics (2-3).
FLE 5908r. Directed Individual Study (1-3). (S/U grade only.)
FLE 5915r. Supervised Research (1-4). (S/U grade only.)
FLE 5940r. Field Laboratory Internship (1-8). (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 English as a Second/Foreign Language (4).
TSL 5325. ESOL (English to Speakers of Other Languages) Instruction in the Content Area (3).
TSL 5908r. 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).

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, Southernland; Professor Emeritus: Dawson; Associate in Research: Gaede

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 science course work approved 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.

### Required Core Courses

**Professional Education Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 1005</td>
<td>Introduction to Education (3)</td>
</tr>
<tr>
<td>EDF 4210</td>
<td>Educational Psychology: Developing Learners (3)</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Classroom Assessment (3)</td>
</tr>
<tr>
<td>EDG 2701</td>
<td>Teaching Diverse Populations (3)</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Introduction to Educational Technology (3)</td>
</tr>
<tr>
<td>RED 4335</td>
<td>Content Area Reading for Secondary School Teachers (3)</td>
</tr>
</tbody>
</table>

**SCE 4361**  | Introduction to Middle School Science (3)      |
| SCE 4362   | Teaching and Learning Science (3)               |
| SCE 4363   | Advanced Topics in High School Science          |
| SCE 4944   | Student Teaching in Science (10)                |
| SCE 4948   | Classroom Management and Planning in Science Education (3) |
| TSL 4524   | 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 |
The Florida State University

Note: additional courses mandated by the Florida Department of Education concerning assessment and human development and learning will be required. Consult your academic advisor 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) to complete student teaching satisfactorily, students must pass the state certification tests; 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

Undergraduate Courses

**SSE 4362. Fundamentals in Teaching Social Studies (3)**
Corequisites: SSE 4364, 4664. Rationale for social studies instruction and an examination of traditional social science instructional methods.

**SSE 4364. Skill Development in Social Studies (3).**
Corequisites: SSE 4362, 4664. Emphasizes strategies in dealing with reading and writing problems.

**SSE 4664. Inquiry in Teaching Social Studies (3).**

**SSE 4940r. Field Study in Social Education (1–3).** (S/U grade only) A participant observation field study course in an education setting to be arranged with the instructor. Repeatable to a limit of three (3) hours credit.

**SSE 4944. Student Teaching in Social Science Education (15).** (S/U grade only) Prerequisites: SSE 4362, 4364, 4664. A 15-week, off-campus student-teaching experience in Florida schools, supervised by University faculty in social science 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 6221. 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).**

**Interdepartmental MIDDLE EASTERN STUDIES MINOR**

**College of Arts and Sciences**

Coordinating Committee: Peter Garretson (History; Committee Chair), Zeina Schlenoff (Modern Languages), David Levenson (Religion), John Kelsay (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 competence in Hebrew (Biblical or Modern), Arabic or another Middle Eastern language approved by the committee. No more than six (6) semester hours of language courses may be counted towards the minor. No more than three (3) semester hours used to fulfill any university language requirements may be counted towards the minor. The remaining required hours must come either from the courses listed below or be approved by the coordinating committee.

**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 (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)

**Art History**

**ARH 3800r** Methods of Art Criticism (3) (when relevant)
**ARH 4118** Archaeology of Ancient Egypt (3)

**English**

**LIT 2189** Introduction to Global Literature in English (3)

**Geography**

**GEA 3563** The Mediterranean (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 4223** Modern Middle East (3)
**HIS 4930r** Special Topics in History (3)

**Political Science**

**CPO 3403** Comparative Government and Politics: The Middle East (3)
**INR 4274** Studies in International Politics: The Middle East (3)

**Religion**

**REL 2210** Introduction to the Old Testament (3)
**REL 3293r** Topics in Biblical Studies (3) (when relevant)
**REL 3363** The Islamic Tradition (3)
**REL 3607** The Jewish Tradition (3)
**REL 4203r** Readings in Classical Hebrew Texts (1–3)
**REL 4290r** Undergraduate Biblical Studies Seminar (3) (when relevant)
**REL 4323** Religions of the Ancient Near East (3)
**REL 4611** Judaism in the Graeco-Roman World (3)
**REL 4613** Modern Judaism (3)

**Urban and Regional Planning**

**URS 1006** World Cities (3)
Department of MILITARY SCIENCE

COLLEGE OF ARTS AND SCIENCES

Professor: Lieutenant Colonel James E. Waldo; Assistant Professors: Brown, Lovins, Storey; Instructors: Hightower, Powell, Roper

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 training 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 experiences 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 on 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. Enrollment 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 $350–$400 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 $6,000 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.

Textbooks and Uniforms

All textbooks, uniforms, and items of insignia 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 Rifle 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 variety of events termed Ranger Challenge. Cadets may also join Scabbard and Blade, a military honors society comprising those cadets with qualifying grades that denote scholarship.

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

MSL 1001. Foundations of Officership (1). 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.

MSL 1001L. Foundations of Officership Laboratory (0).

MSL 1002. Basic Leadership (1). Corequisite: MSL 1002L. Topics presented include fundamental leadership concepts and doctrine, basic skills underlying effective problem solving, and the officer experience.

MSL 1002L. Basic Leadership Laboratory (0).

MSL 2101. Individual Leadership Studies (2). Corequisite: MSL 2101L. This course develops knowledge of self, self-confidence, individual leadership skills, problem solving, as well as communication feedback and conflict resolution skills.

MSL 2101L. Individual Leadership Studies Laboratory (0).

MSL 2102. Leadership and Teamwork (2). Corequisite: MSL 2102L. This course focuses on self-development, while incorporating the individual’s knowledge of self, understanding of group processes, current beliefs, and skills.

MSL 2102L. Leadership and Teamwork Laboratory (0).

MSL 3201. Leadership and Problem Solving (3). Prerequisites: MSL 1001, 1002, 2101, 2102, or permission of instructor. This course examines skills that underlie effective problem solving. Students plan military missions and operations, and execute squad battle drills.

MSL 3201L. Leadership and Problem Solving Laboratory (0).

Preprofessional Program in MINISTERIAL STUDIES

COLLEGE OF ARTS AND SCIENCES

Advisor: 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. Preministerial students are also advised that the King’s Daughters Fund provides scholarships for students who are committed to a church-related vocation. Applications must be received by April 15\(^{th}\) each year. Contact the Office of the Vice President for Student Affairs for details.

Department of MODERN LANGUAGES AND LINGUISTICS

COLLEGE OF ARTS AND SCIENCES


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 Chinese, 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 online. 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 and seminars with varying 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, 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
1. Six to twelve (6–12) semester hours of coursework in the language.

German
1. Six to twelve (6–12) semester hours of coursework in the language.

Italian
1. Six to twelve (6–12) semester hours of coursework in the language.

Spanish
1. 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, 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 advisor 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. 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 advisor 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. 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 courses numbered above 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 website: http://www.fsu.edu/~modlang/french.

German Major
Thirty (30) semester hours numbered above 2999 are required. Students may pursue a program concentrating in either language skills or literature. The language concentration includes ITA 2240, 3420, 3421, plus seven (7) semester hours of literature, film and culture classes (e.g. GEW 3370). A minimum of six (6) semester hours must be taken at the 4000-level. Students should consult with an advisor to ensure that they have met the distribution requirements.

Italian Major
Thirty (30) semester hours numbered above 2999 are required. Students may pursue a program concentrating in either language skills or literature. The language concentration includes ITA 2240, 3420, 3421; ITW 3100 and/or 3101; and fifteen to eighteen (15–18) semester hours at the 4000 level in literature to equal thirty (30) semester hours.

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 4500. FOL 3930r may also be counted towards the minor and minor in Russian.

Spanish Major
Thirty-six (36) semester hours, distributed in the following manner, are required: eighteen (18) semester hours of skills courses at the 3000-level 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. Required at the 4000-level are eighteen (18) 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. A minimum grade of “C–” must be earned for all courses taken for the minor.

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 below 2999. Spanish and five (5) 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 department undergraduate office, 364 DIF.

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 may 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 more than four (4) semester hours used to fulfill any university language requirement may be counted toward the minor. 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 thirteen courses: CHT 3391, CHT 3930, FRT 3140, FRT 3561, FRW 3391r, GET 3130, GEW 3391r, ITT 3430, ITW 3391r, PRT 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 Language
CHT — Chinese Literature in Translation
CZE — Czech Language
FOL — German 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 Literature (Translations)
GET — German Literature in Translation
GEW — German Literature (Writings)
HBR — Modern Hebrew Language
ITA — Italian Language
ITT — Italian Literature in Translation
ITW — Italian Literature (Writings)
JPN — Japanese
JPT — Japanese Literature in Translation
KOR — Korean Language and Literature
LIN — Linguistics
POR — Portuguese Language
PRT — Portuguese in Translation
POW — Portuguese Literature (Writings)
RUS — Russian Language
RUT — Russian Literature in Translation
RUW — Russian Literature (Writings)
SCW — Serbo-Croatian Literature (Writings)
SEC — Serbo-Croatian Language
SIL — Slavic Languages
SPN — Spanish Language
SPT — Spanish Literature in Translation and/or Translation Skills
SPW — Spanish Literature (Writings)

Undergraduate Courses

Note: graduate students wishing to take these courses denoted with an asterisk (*) must obtain permission of that course’s language coordinator and the associate chair in graduate studies.

Arabic

ARA 1120. Elementary Arabic I (4). The aim is basic proficiency in the four language skills: reading, writing, speaking and listening. Basic vocabulary, sentence structure, grammar and pronunciation in Modern Standard Arabic are introduced. This course enables students to put the language they are learning to actual use. May not be taken concurrently with ARA 1121 and/or 2200 or by native speakers.

ARA 1121. Elementary Arabic II (4). Prerequisite: ARA 1120. Elementary Arabic I. The aim is to develop students' ability to express themselves in spoken, written and/or written Arabic. Students will learn the passive voice, idioms andomat, nominal classification, verb classification, and formation of complex sentences. May not be taken by native speakers. May not be taken concurrently with ARA 1120 and/or 2200 or by native speakers.

ARA 2200. Intermediate Arabic I (4). Prerequisite: ARA 1121. The objective of this course is to solidify knowledge of basic grammar and to expand the student’s vocabulary. This course emphasizes reading, writing, listening and speaking. Students in this course should take two semesters of college-level Arabic or the equivalent prior to beginning this course. May not be taken concurrently with ARA 1120 and/or 1121 or by native speakers.

ARA 2240. Intermediate Conversation (3). Prerequisite: ARA 2200. The purpose of this course is to provide a basic core around which to build a proficiency-based spoken Arabic. It provides a bridge between classical and colloquial Arabic. May be repeated with a focus on a different dialect to a maximum of six (6) semester hours. May be counted for credit toward a minor in Arabic or Middle East Studies.

Chinese

Chinese Language

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 include subject-object verb, nominal classification, verb classification, and formation of complex sentences. May not be taken by native speakers. May not be taken concurrently with CHI 1121, 2200 and/or 2300.
The Florida State University

Oral compre

Prerequisite:

Students

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Prerequisite:

Hispanic Cinema (3).

Prerequisite:

May be repeated to

PRT

RUW

ITW

FRW

CHT

content changes and with permission of the instructor.

CHI 3930r. Intermediate Chinese (4).

CHI 3391r. Intermediate Chinese (4).

Prerequisite: CHI 1120 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 2200 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 3502. Readings in Chinese Drama (3). Prerequisite: CHI 2200 or equivalent. Introduction of selected materials in modern Chinese drama. 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 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.

CHI 4930. Special Topics (3). Prerequisite: Divisional permission. Allows student to study literary topics of a special kind, depending on student interest and faculty expertise.

CHI 4942r. Internship in Applied Chinese (1–6). (S/U grade only.) Prerequisite: Advanced standing in Chinese. 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.

CHI 3391r. Chinese Cinema and Culture (3). Course studies representative films from mainland China, Hong Kong, and Taiwan. Presents Chinese cinema both as a unique genre and short essays in Chinese.

CHI 4930. Special Topics (3). Prerequisite: Divisional permission. Allows student to study literary topics of a special kind, depending on student interest and faculty expertise.

CHI 4942r. Internship in Applied Chinese (1–6). (S/U grade only.) Prerequisite: Advanced standing in Chinese. 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.

French

French Language

FRE 1120. Elementary French I (4). Oral comprehension, reading, speaking, and writing. May not be taken by native speakers. May not be taken concurrently with FRE 1121 and 1/2200.

FRE 1121. Elementary French II (4). Prerequisite: FRE 1120 or its equivalent. Further study of the various schools and movements. (Spring semester only.)


FRE 2210. Advanced Conversation (4). Prerequisite: FRE 2200 or its equivalent. Expansion of French reading skills while introducing the student to oral expression through a discussion of the readings. May not be taken by native speakers. May not be taken concurrently with FRE 2210 and 1/2200.

FRE 2220. Reading and Conversation (4). Prerequisite: FRE 2200 or its equivalent. Expansion of French reading skills while introducing the student to oral expression through a discussion of the readings. May not be taken by native speakers. May not be taken concurrently with FRE 2210 and 1/2200.

FRE 3100 or 3101. Masterworks of French Literature in Translation (3). A survey of selected masterpieces of French literature, ranging from the Middle Ages to the present. The study of major literary works is in English. Can be used for minor credit in French with permission of the instructor.

FRT 3561. French Women Writers (3). Prerequisite: FRE 3100 or 3101. An introduction to the fictional works of prominent female authors of the French language. May be repeated to a maximum of six (6) semester hours.
GER 1120. Elementary German I (4). Prerequisites: GER 1120, 1130, 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 1120, 1130, 1131, or 2230.

GER 1130. Elementary Conversational German (4). (Conversational method.) Introduction to German with emphasis on the dialogue hour 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 1130. May not be taken concurrently with GER 1120, 1121, 1131 and/or 2230.

GER 1131. Elementary Conversational German (4). Prerequisite (GER 1130 or equivalent). (Conversational method.) 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 1130. Additional hours arranged for conversational practice. May not be taken by native speakers. May not be taken concurrently with GER 1120, 1121, or 2230.

GER 2230. Reading and Conversation (4). Prerequisites: GER 1121, 1131, or equivalent. Serves as final semester of the language requirement and as the transition to upper-level study. Contemporary reading matter, including films, slides, and recordings, serves as the basis for discussion. May not be taken by native speakers. May not be taken concurrently with GER 1120, 1121, 1130 and/or 1131.

GER 3310. Intermediate German Grammar (3). Prerequisite: GER 2230 or permission of instructor. Not open to native speakers. This course focuses on the rules of German grammar and syntax and employs these correctly in speaking and writing. May not be taken by native speakers. May not be taken concurrently with GER 2300.

GER 3400. Composition and Conversation (3). Prerequisite: GER 2230 or consent of the instructor. The objective is the ability to write about anything and express oneself in English in a level which demonstrates near mastery of German grammar and the beginning of a personal style in the language. The course is given in English.

GER 3440. German Business Language and Practice (3). Prerequisite: GER 2230 or permission of instructor. An introduction to business languages and practices in German-speaking countries.

GER 3500. German Studies (3). Prerequisite: GER 2230 or permission of instructor. The course, taught primarily in German, serves as an introduction to German studies. The course provides the student with an understanding of the major cultural expressions of German-speaking peoples (art, science, etc.) of German-speaking countries in the twentieth century. The emphasis is placed on Germany in the second half of the twentieth century.

GER 3502r. Topics in German Studies (3). Prerequisite: GER 2230 or permission of instructor. This course, taught primarily in German, presents a survey of one topic in the area of German studies. Topics may include themes from art, music, or literature placed in a cultural and historical perspective. Topics will change yearly. May be repeated to a maximum of six (6) semester hours with permission of instructor.

GER 3780. Phonetics (3). Prerequisite: GER 2230. The objective is the acquisition of correct pronunciation and the formation by comparison with English phonetics and the improvement of the students conversational German through pronunciation exercises. The course is conducted in German.

GER 3930r. Special Topics (3). Prerequisite: GER 2230 or equivalent. May be taken by students who are not native speakers and have not completed a specific course. May be repeated to a maximum of nine (9) semester hours.

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 1130/1131 classes. May be repeated to a maximum of nine (9) semester hours.

GER 4220. Advanced Composition (3). Prerequisite: GER 3400 or equivalent. Prerequisite: Course objective: ability to write with a developed personal style in German on intellectually demanding topics. Provides a survey of contemporary German literature in the master of German grammar is a prerequisite. The course is conducted in German.

GER 4450. Current German of the News Media (3). Prerequisite: GER 3400 or consent of instructor. An advanced-level skills course. Discussion of current events and mass me- dia in German. Discussions and work with authentic texts (newspapers and audio- and videotapes).

GER 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.

GER 4930r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, three (3) hours of which may be taken concurrently. May be taken by native speakers. May not be taken concurrently with ITA 1121, 1131, 2230 and/or 2300. ITA 4931. Prerequisite: ITA 2230 or its equivalent. May not be taken concurrently with ITA 1120, 1121, 1130 and/or 2230.

ITA 2230. Reading and Conversation (4). Prerequisite: ITA 1121 or 1131. Stresses skills in reading and conversational Italian at the second-year level. Readings are supported by short expository articles which include the basic terminology of the calare degree requirement. May not be taken concurrently with ITA 1120, 1121, 1131 and/or 2300. May not be taken by native speakers.

ITA 2240. Conversation (3). Prerequisites: ITA 2230 or 2300. 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). Prerequisites: ITA 2230 or 2300. This course presents a review and further study of grammar and idiomatic constructions. Composition practice augments the skills developed.

ITA 3421. Grammar and Composition (3). Prerequisites: ITA 3420 and 3942. A repetition of ITA 3420 with greater stress on theme-writing skills.

ITA 3440. Business Italian (3). Prerequisite: ITA 1121 or 1131. Survey of current Italian business formats and provides practice in commercial correspondence with its specialized vocabulary and syntax. ITA 3942. Direct Practice (3). Prerequisites: ITA 1120, 1121, 1130, 1131, or equivalent. This course develops the student's ability to speak, read, and write at an elementary level. May not be taken by native speakers.

ITA 4930r. 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.

ITA 4450. Special Topics (3). Prerequisite: Italian Language and Civilization (3). Prerequisites: ITA 3420 and 3942. May be repeated to a maximum of nine (9) semester hours.

ITA 4942r. Internship in Applied Italian (1–6). Prerequisite: Advanced standing in Italian. 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.

Italian Language

ITA 1120. Elementary Italian I (4). Prerequisites: ITA 1120 and 1130, or permission of instructor. 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 1121, 1123, 2230 and/or 2300.

ITA 1121. Prerequisite: ITA 1120 or its equivalent. This course builds upon the students ability to speak, understand, read and write at an ele-
ITW 3520. The American-Italian Experience in Literature and Film (3). This course examines the literary and cinematic heritage of American students. It examines themes relevant during the past century. The course is designed to assist students in exploring ways in which Italian and American cultures have combined in America.

Italian Literature (Writing)

ITW 3100. Survey of Italian Literature: Origins through 18th-Century (3). Prerequisite: ITW 2200, 2300 or equivalent. This course introduces students to representative literary figures and movements from the beginnings through the 18th-Century (Dante to Goldoni).

ITW 3101. Survey of Italian Literature: 19th- and 20th-Centuries (3). Prerequisite: ITW 3100, or equivalent. This course introduces students to representative literary figures and movements from the 19th- and 20th-Centuries (Alfieri to Moravia).

ITW 3391r. Italian Cinema (3). Study of modern Italian cinema from political and social realism to the postwar New Wave. May be repeated to a maximum of six (6) semester hours.

ITW 4400r. Renaissance Literature (3). Prerequisite: ITW 3100, 3101 or equivalent. This course offers selected readings and discussions of the literature of the Italian Renaissance including such figures as Alberti, Lorenzo de Medici, Polemio, Machiavelli, Michelangelo, Ariosto, and Tasso.

ITW 4440r. 18th- and 19th-Century Literature (3). Prerequisite: ITW 3100, 3101, or equivalent. This course offers readings and discussions of figures and movements in 18th-century Italian literature. Italian literature in the 20th century, Savinio, Svevo, and other novelists and others.

ITW 4480. 20th-Century Literature (3). Prerequisite: ITW 3100, 3101 or equivalent. This course offers readings and discussions of figures and movements in 20th-century Italian literature. Italian literature in the 21st century, Viganò, and others.

ITW 4700r. The Trecento Writers (3). Prerequisites: ITW 3100, 3101 or equivalent. This course offers a study of the Trecento writers: Dante, Petrarch and Boccaccio. Readings and discussions are available in both English and Italian. May be repeated to a maximum of nine (9) semester hours.

Japanese

Japanese Language

JPN 110. 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. Some fundamental syntactic and morphological patterns introduced include sentence structure, particles, verb classification, speech levels, and the formation of some complex sentences. In addition, an introduction is given to the Japanese writing system. May not be taken concurrently with JPN 1121 and/or 2200.

JPN 111. Elementary Japanese II (4). Prerequisite: JPN 110 or its equivalent. This course continues to stress speaking, listening, reading and writing skills using the syntactic and morphological patterns introduced in JPN 110. Further study will be made of the Japanese syllabaries and kana. May not be taken by native speakers. May not be taken concurrently with JPN 1121, 2200 or 2300.

JPN 2200. Intermediate Reading 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. Advanced level exercises are utilized. May not be taken concurrently with JPN 1120, 1121 and/or 2300.

JPN 2300. Review Grammar and Syntax (4). Prerequisite: JPN 2200, or equivalent. This course is designed to give students an opportunity not only to strengthen their knowledge of basic Japanese, but also to gain better insight into its grammatical structure. Fundamental grammar and advanced exercises are taught to help students achieve a higher level of fluency.

JPN 2320. Readings in Short Stories and Essays (3). Prerequisite: JPN 2300. Selected materials in modern Japanese literature, including short stories and essays. The objectives of this course are to train students to be able to read some carefully chosen original works and to bring to students awareness of language, cultural differences. May not be taken by native speakers.

JPN 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. May be repeated to a maximum of six (6) semester hours.

JPN 4906r. Special Topics (3). Prerequisite: Divisional permission. Allows students to study topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of six (6) semester hours.

JPN 4920r. Internship in Applied Japanese (1–6). (SU grade only). Prerequisite: Advanced standing in Japanese. Provides supervised work experience 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.

Korean

Korean Language

KOR 110. Elementary Korean (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 han'gul is introduced at the outset. May not be taken by native speakers. May not be taken concurrently with KOR 1121 and/or 2200.

KOR 1121. Elementary Korean II (4). Prerequisite: Placement in this level or its equivalent. This course continues to emphasize speaking and listening, as well as reading and writing skills. The writing system han'gul is studied in further detail. May not be taken by native speakers. May not be taken concurrently with KOR 1120 and/or 2200.

KOR 2200. Reading and Conversation (4). Prerequisite: KOR 1121 or equivalent. This course continues to emphasize speaking and listening skills and introduces more of the essentials of Korean grammar, more in-depth study of Korean culture and society. This course completes the baccalaureate degree requirement. May not be taken concurrently with KOR 1120 and/or 1121.

Linguistics

Note: all linguistics courses taken for Spanish major credit must be taken through the Department of Modern Languages.

LIN 3041. Introductory Linguistics for Foreign Language Majors (3). The purpose of this course is 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.

LIN 4030. Introduction to Historical Linguistics (3). This course is a study of the history of modern languages, including world language families, notion of relatedness, sound correspondence, comparative method, internal reconstruction, and the reconstruction of Proto-Indo-European. Several theories of sound change are also discussed.

LIN 4040. Introduction to Descriptive Linguistics (3). This course is an introduction to the field of linguistic description and 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.

LIN 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 1960's to the present.

LIN 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. May be repeated to a maximum of six (6) semester hours.

LIN 4930. Topics in Linguistics (3). Students arrange with individual faculty members to undertake study in areas outside the regular curriculum.

Portuguese (Brazilian)

Portuguese Language

POR 1120. Elementary Portuguese I (4). A first semester course in Portuguese for beginning students. This course will emphasize basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context. Basic grammatical skills are also introduced.

POR 1121. 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.

POR 2200. Intermediate Portuguese (4). Prerequisites: POR 1120, 1121. A third semester course in Portuguese for advanced students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

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 1121 and/or 2200.

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 2200.

RUS 2200. Intermediate Russian (4). Prerequisite: RUS 1121 or its equivalent. Grammar, reading, and conversation. May not be taken by native speakers. May not be taken concurrently with RUS 1120 and/or 1121.

RUS 3240. Reading and Conversation (3). Prerequisite: RUS 2200 or equivalent. Oral expression is emphasized.

RUS 3420. Grammar and Composition (3). Prerequisite: RUS 1120 or its equivalent. Development of writing and grammar skills.

RUS 4420. Advanced Russian Grammar and Composition (3). Prerequisite: RUS 3420 or equivalent. Development of the phonological and grammatical systems from the earliest records to the present.

RUS 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. May be repeated to a maximum of twelve (12) semester hours.

RUS 4930r. Special Topics (3). May be repeated to a maximum of twelve (12) semester hours.

RUS 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 department. All honors work is directed by the student's honors committee.

RUS 4942r. Internship in Applied Russian (1–6). (SU grade only). Prerequisite: Advanced standing in Russian. 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.

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 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. Students may count toward the Slavic (Russian) major. Taught in English.

RUT 3800. Introductory Russian to English Translation (3). Emphasis on 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 Russian with moderate vocabulary. May be repeated to a maximum of six (6) semester hours.

RUT 4200. Intermediate Spanish (3). Prerequisite: SPN 2200 or equivalent. This course focuses on improving 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 at the native level. May be repeated to a maximum of eight (8) semester hours. With approval of the department, may fulfill the Arts and Sciences language requirement.

RUT 2200. Intermediate Spanish (4). Prerequisite: SPN 1121, 1130, 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 at the native level. May be repeated to a maximum of eight (8) semester hours.

RUT 2160r. Directed Individual Study in Hispanic Civilization (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.

RUT 4935r. Directed Individual Study in Hispanic Language and Culture (1). Prerequisite: SPN 2200 or equivalent. This course uses an integrated skills approach to develop an understanding of Hispanic culture and to extend the growth of communicative proficiency in Spanish.

RUT 3333. Communication in Language and Culture (1). Prerequisite: SPN 2200 or equivalent. This course is the second semester of the integrated skills sequence. In this course, students will deepen their understanding of Hispanic culture and the importance of oral communication and grammatical proficiency and the language.

RUT 2800. Spanish for Heritage Speakers (3). This course is designed for heritage Spanish speakers who have had little or no formal training in the language. Writing skills are emphasized over oral communication.

RUT 3440. Language 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 is also designed to better prepare students to meet the challenges of our global economy.

RUT 3510. Cultures of Iberia (3). Corequisite: SPN 3333 or permission of instructor. This course provides students with fundamental knowledge about the cultures and history of the Iberian peninsula, as well as their international and historical knowledge. This course also aims to improve their basic communicative skills in Spanish.

RUT 3520. Communication in Latin America (3). Corequisite: SPN 3333 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.

RUT 4420r. Advanced Composition and Translation (3). Prerequisite: SPN 3333 or equivalent. Stresses composition in Spanish with less emphasis on translation from Spanish into English. This course is designed to reinforce the essential points of Spanish grammar.


RUT 4540r. Regional Cultural Studies (3). Prerequisite: SPN 3333 or permission of instructor. This course provides students with exposure to texts and cultural productions from specific regions of Latin America, Spain or the Latino enclaves in the U.S. Texts may include historical documents, legends and myths, poetry, fiction, essays, or popular music. May be repeated to a maximum of six (6) semester hours.

RUT 4740. Hispanic Sociolinguistics (3). Prerequisite: SPN 3333 or permission of instructor. This course provides students with a cultural and linguistic awareness of the Spanish language and of the variety of different languages 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.

RUT 4780r. Spanish Phonetics (3). Prerequisite: SPN 3333 or permission of instructor. The course will focus on the sounds (allophonic distribution) of the native speaker. The nonnative speaker can profit most from this course.

RUT 4905r. Directed Individual Study in Hispanic Language and Culture (3). Prerequisite: Approval of the instructor. May be repeated to a maximum of six (6) semester hours.

RUT 4930r. Studies in Hispanic Language (3). Prerequisite: SPN 3333 or permission of instructor. May be repeated to a maximum of 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.

RUT 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 the permission of the department. All honors work is directed by the Honors Program. Honors work is not applicable to the Russian major. Taught in English.

RUT 4942r. Internship in Applied Spanish (1–6). (S/U only.) Prerequisite: Advanced standing in Spanish. Prospective students must 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. 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, Carpenter, Borges, Cesar Vallejo, Gabriela Mistral, de Assis, Garcia M. 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 (Writings)

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 3103. Readings from Early Iberia (3). Prerequisite: SPN 1120 or its equivalent. Through a variety of readings, students will gain a basic understanding of Spanish language and culture. They also in the Western imagination. Taught in English.

SPW 3104. Readings from Early Spain (3). Prerequisite: SPT 3130 or its equivalent. Through a variety of readings and oral activities, this course provides students with a fundamental knowledge of the critical issues related to the early period, from approximately A.D. 800 to 1500. Topics may include medieval multiculturalism, the cultural role of the Church, and culture in an age of territorial expansion. Taught in Spanish.

SPW 3105. Readings in Medieval Spanish (3). Prerequisite: SPW 3030. This course provides students, through a variety of readings and oral activities, with a basic understanding of the critical issues related to modern Spain from 1700 to the present.

SPW 3132. Readings from Early Spanish America (3). Prerequisite: SPW 3103 or its equivalent. Through a variety of readings and oral activities, this course provides students with knowledge about early Spanish America, from approximately 1492 to 1810. Topics may include the conquest, slavery, mestizaje, founding cultural institutions, and the aesthetics and ideologies of nation-building.

SPW 3133r. 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 minor in Spanish literature. May not be applied toward major or minor literature 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 about modern Spanish America, from 1800 to the present. Topics may include indigenous and Afro-Caribbean cultures, multiculturalism, revolutions, globalization and human rights.

SPW 4140r. The Poetics of Hispanic Love and Violence (3). Prerequisites: Two 3000-level literature courses. This course focuses on the exploration of poems and other forms of expression that address the complexities of the sentiments of love and violence in the manner that it has been expressed throughout the centuries in Hispanic culture. Students are engaged in reading and analyzing 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 Languages and Literature (3). Prerequisites: Two SPT 3000-level courses or equivalent. Variable topics chosen from Spanish language and literature. May be repeated to a maximum of six (6) semester hours.

SPW 4301r. Hispanic Culture and Performance (3). Prerequisite: Two 3000-level literature courses or permission of instructor. The study of the dramatic works or performances from a Spanish-speaking region within a particular period, in the classroom and in historical, literary and cultural contexts. Students may participate in a workshop production of the works studied. May be repeated to a maximum of six (6) semester hours.

SPW 4481. Contemporary Spanish Women Writers (3). Corequisites: Two 3000-level literature courses. Course is open to those students who have had little or no formal training in the Spanish language. Taught in Spanish and English. Taught by undergraduate Spanish women writers and the critical attention they have received.

SPW 4491. Spanish Women Writers (3). Corequisites: Two 3000-level literature courses. Taught in Spanish and English. 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.
### Modern Languages and Linguistics

**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 works by Hispanic Caribbean authors, with an emphasis on the history, cultural life and social conditions of Cuba, Puerto Rico, and the Dominican Republic as it is reflected in the literature.

**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

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<td>RUS 5705</td>
<td>Structure of Modern Language</td>
<td>(3)</td>
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<tr>
<td>RUS 5845</td>
<td>History of the Russian Language and Reading of Old Russian Texts</td>
<td>(3)</td>
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<tr>
<td>RUS 5940r</td>
<td>Teaching Practicum</td>
<td>(0–5)</td>
<td>(S/U grade only.)</td>
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<tr>
<td>RUS 6925r</td>
<td>Tutorial in Professional Issues</td>
<td>(0–2)</td>
<td>(S/U grade only.)</td>
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</table>
Russian Literature in Translation
RUT 5115. Seminar: Russian Literature in English Translation (3).

Russian Literature (Writings)
RUW 5335. Russian Poetry (3).
RUW 5375. Russian Short Story (3).
RUW 5405. Old Russian Literature (3).
RUW 5445. Russian 18th-Century Literature (3).
RUW 5559r. Seminar in 19th-Century Russian Literature (3).
RUW 5579. Modern Russian Literature (3).
RUW 5906r. Directed Individual Study (3). (S/U grade only.)
RUW 5910r. Supervised Research (1–5). (S/U grade only.)
RUW 5930r. Special Topics (3).

Serbo-Croatian
SEC 5906r. Studies in Serbo-Croatian Language and Literature (3).
SEC 5906r. Directed Individual Study (3). (S/U grade only.)
SEC 5910r. Supervised Research (1–5). (S/U grade only.)

Spanish
SLN 5906r. Directed Individual Study (3). (S/U grade only.)
SLN 5915r. Supervised Research (1–5). (S/U grade only.)

Spanish Language
SPN 5060. Graduate Reading Knowledge in Spanish (3). (S/U grade only.)
SPN 5069. 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 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Spanish Literature (Writings)
SPW 5216. Spanish Golden Age Prose (3).
SPW 5269. Spanish 19th-Century Novel (3).
SPW 5275f. 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 5338f. 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 5486. Contemporary Spanish Women Writers (3).
SPW 5496. Spanish-American W omen Writers (3).
SPW 5497. 20th-Century Spanish-American Drama (3).
SPW 5606. Cervantes (3).
SPW 5757. 20th-Century Mexican Prose (3).
SPW 5908e. Directed Individual Study (3). (S/U grade only.)
SPW 5910r. Supervised Research (1–5). (S/U grade only.)
SPW 6806. 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 BIOLOGY: see Biological Science
MOLECULAR BIOPHYSICS, PROGRAM IN: see Graduate Bulletin

MOTION PICTURE, TELEVISION, AND RECORDING ARTS

SCHOOL OF MOTION PICTURE, TELEVISION, AND RECORDING ARTS

Dean: Frank Patterson; Director, MFA Program: Reb Braddock; Director, BFA Program and Professor: Frank P. Tomasulo; Assistant Director and Associate Professor: Richard Allen, Bradburn, Chase, Fernandez, Holland, Kaleko, Kiefer, Lottimer, Portman, Portorreal, Ruben; Distingushed Visiting Filmmaker: At Large; Lyles, Screenwriter in Residence: Long, Visiting Filmmaker in Residence: Scoot, Dean Emeritus: Fielding.

The Florida State University School 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 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 film 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 School 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://filmschool.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; they may also be completed after admission to the major.

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://filmschool.fsu.edu.
Admission

This is a limited access program; therefore, admission is selective and competitive. Approximately fifteen freshmen and fifteen transfer students are admitted each year as film students. A student seeking to enter the program must offer an acceptable grade point average (GPA) 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 seventy-five percent (75%) 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 seventy-five percent (75%) 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 School 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 or ACT test scores.

Do not submit portfolio items such as VHS tapes, 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://filmschool.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. Certain students will be notified of probation or dismissal by a letter stating their status, with an invitation to meet with the director. A student may be placed on probation or dismissal 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. 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 notice 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

Fifteen transfer students will be accepted into the School of Motion Picture, Television, and Recording Arts for admission in each Fall semester and they are required to have completed seventy-five percent (75%) of the liberal studies requirements prior to the fall semester. A separate application must be submitted to both the Florida State University Office of Admissions, as well as the School of Motion Picture, Television, and Recording Arts. Applications are available online at http://filmschool.fsu.edu. All applicants with an acceptable GPA 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 or ACT test scores. All application materials must be received by the School of Motion Picture, Television, and Recording Arts by December 15th for the applicant to be considered for admission the following fall semester. Transfer students must satisfy the same major requirements and curriculum as students who take all of their course work in the School 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 maintains the usual health and accident insurance prior to registration in the fall semester 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 School of Motion Picture, Television, and Recording Arts

BF A 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, and social forces, film genres, film theories, film directors, and film aesthetics.

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 Motion Picture and Television Appreciation, 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 email Meryl Warren at mwarren@filmschool.fsu.edu.

Core Courses (One Required of all Minors)

FIL 2000 Elements of Film (3)
FIL 2001 Introduction to Film (3)

Other Film Studies Courses

ENG 3110 Film Genres (3)
ENG 4115 Film Theory (3)
FIL 3106 Film and Television Writing (3)
FIL 3503 Contemporary Cinema (3)
FRW 3391r French Cinema (3)
GEW 3591r German Cinema (3)
HUM 3321 Multicultural Dimensions of Film and 20th-Century Culture (3)
ITW 3391r Italian Cinema (3)
RTV 3001 Media Techniques (3)
RWU 3391r Russian Cinema (3)
SPW 3391r Hispanic Cinema (3)

Definition of Prefix

FIL — Film

Undergraduate Courses

FIL 2001. Introduction to Film (3). Introduction to the basic terminology, techniques, and contributions of filmmaking and critical analysis skills to film/video form and content.
FIL 2110. Screenwriting I (3). Prerequisite: Majors only. Introduction to the basic techniques of screenwriting and storyboardng. Exercises in story structure, dialogue, and character development. Instruction to screenwriting and storyboard computer software.
FIL 2201. Filmmaking I (3). Prerequisite: Majors only. Provides a basic understanding of film production technology: equipment operation, terminology, and techniques.
FIL 2211. Film Editing (3). Prerequisite: Majors only. Analyses, discusses, and puts into practice skills and techniques required to edit a narrative motion picture.
FIL 2291. Film Sound (3). Prerequisite: Majors only. Teaches the principles of sound and the basic practices involved in creating a motion picture sound track. Also covers the aesthetic use of sound in motion pictures.
FIL 2400. History of Motion Pictures (3). Prerequisite: Majors only. Overview of international film as an industry, mass medium, and art form.
FIL 3311. Screenwriting II (3). Prerequisite: Majors only. Development of sophisticated story ideas, treatments, character biographies, storyboards, step-outlines, first drafts, and revisions of both original ideas and adaptations.
FIL 3320. Filmmaking II (3). Prerequisite: Majors only. Provides understanding of objective oriented acting techniques and the methods for working with actors in rehearsal and on set. Requires directing a short film project.
FIL 3321r. Documentary Filmmaking (1–6). Prerequisite: Majors only. View and discuss documentary films from various eras, countries, and points of view as a means of understanding personal aesthetic as a documentary filmmaker. Students plan, script, budget, shoot, edit, and mix documentaries. May be repeated to a maximum of six (6) semester hours.
FIL 3325. Film and Camera and Lighting (3). Prerequisite: Majors only. Provides a theoretical and practical knowledge of all aspects of film photography: cameras and lenses, filmstocks, exposure, lights, lighting, and composition.
FIL 3350r. Film Styles (3–6). Prerequisite: Majors only. Analyzes advanced narrative form content through the styles of selected filmmakers with emphasis on genres, national movements, and other topics of interest. May be repeated to a maximum of six (6) semester hours.
FIL 3392r. Film Genres and Filmmakers (1). Prerequisite: Majors only. Provides students the opportunity to view historical and current films followed by discussions in an academic forum.
FIL 3393r. Special Topics (3–12). Prerequisite: Majors only. An analysis of specialized topics in motion pictures. May be repeated to a maximum of twelve (12) semester hours. May be repeated during the same semester.
FIL 3396. BFA Qualifying Exam (0). Prerequisite: Majors only. Evaluates the progress of the student and recommends continuance in the film school or directs the student toward other areas of study.
FIL 3397r. Thesis Film Support (2–12). (S/U grade only.) Prerequisite: Majors only. Principles and responsibilities of grips, gaffers, assistant directors, assistant camerapersons, and production managers, as well as the performance of these responsibilities on the set of BFA thesis films. May be repeated to a maximum of twelve (12) semester hours. 
FIL 4122. Feature Screenwriting: Development (3). Prerequisite: Majors only. Teaches the various techniques of scene breakdown, set up, sequencing, character development and dialogue development. Also teaches rewriting techniques to improve first drafts.
FIL 4123. Feature Screenwriting (3). Prerequisite: Majors only. Teaches aspects of feature screenwriting format, pitching ideas, creating and developing character, story, and dialogue.
FIL 4203r. Advanced Filmmaking (3–9). Prerequisite: Majors only. Advanced principles and practice of making a short, sync-sound, 16mm film. May be repeated to a maximum of nine (9) semester hours.
FIL 4213. Production: Advanced Editing (3). Prerequisite: Majors only. Offers advanced study in film editing techniques and styles.
FIL 4253. Production: Advanced Cinematography (3). Prerequisite: Majors only. Introduces advanced lighting techniques and allows hands-on exercises emphasizing the creative use of lighting for mood and storytelling.
FIL 4292. Production: Advanced Sound (3). Prerequisite: Majors only. Course provides students with a thorough understanding of digital sound recording, sound mixing, and various stages of sound post-production as it applies to 16mm filmmaking.
FIL 4401. Film Aesthetics (3). Prerequisite: Majors only. Analysis of film with regard to three basic questions: 1) What is film? 2) How do we perceive film? 3) How is an aesthetic developed?
FIL 4402. Film Business Planning (3). Prerequisite: Majors only. Exposes students to current business trends and issues in the film industry; introduces case studies that examine all business aspects surrounding a feature film; introduces current readings on the film industry.
FIL 4403. Film Exhibition and Advertising (3). Prerequisite: Majors only. Provides an introduction to the techniques necessary to create an effective business plan for the production of motion pictures to create a greater individual awareness of the motion picture producer as a career opportunity.
FIL 4405. Film Law (3). Prerequisite: Majors only. Provides a working knowledge of the specialized concepts and vocabulary pertaining to entertainment-related forms of intellectual property and the contractual relationships necessary to finance, create, and license various forms of entertainment.
FIL 4406. Directed Individual Study (1–3). (S/U grade only.) Prerequisites: Junior standing; majors only. May be repeated to a maximum of six (6) semester hours.
FIL 4423r. Undergraduate Film Seminar (1–6). Prerequisite: Majors only. Development of a creative film project under the direction of a faculty member or industry professional in various areas. May be repeated to a maximum of six (6) semester hours.
FIL 4433. Professional Development (3). Prerequisite: Majors only. Course prepares students to enter the professional film work arena; addresses the search for employment within the film industry and the search for funds to produce independent work.
FIL 4440r. Application of Instruction Methods (1–3). (S/U grade only.) Prerequisite: Majors only. Participation in the instructional process under the supervision of a faculty member. May be repeated to a maximum of six (6) semester hours.
FIL 4453. Professional Internship (3–12). (S/U grade only.) Prerequisite: Majors only. Provides an internship experience with a company involved in film/video production, distribution, or exhibition. May be repeated to a maximum of twelve (12) semester hours.
FIL 4470r. Thesis Defense (0). (S/U grade only.) Prerequisite: Majors only. Presentation of senior thesis film to the faculty and student body for review and approval.
FIL 4472r. Thesis Film Production Management (3–6). Prerequisite: Majors only. Production management for BFA thesis films. May be repeated to a maximum of fifteen (15) semester hours.
FIL 4473r. Thesis Film (1–15). Prerequisite: Majors only. Production of all the creative aspects of a BFA thesis film. May be repeated to a maximum of fifteen (15) semester hours.
FIL 4475r. Undergraduate Honors Thesis (1–6). Prerequisites: Admission to undergraduate film school honors program; majors only. Student must complete a minimum of six (6) semester hours; may be repeated to a maximum of nine (9) semester hours.
FIL 4496. Thesis Script Rewrite. (3). Prerequisite: Majors only. Course trains the author on paper an idea that is both discernible and visual in the form of a collection of interesting moments that add up to tell a story.

Graduate Courses

FIL 5005. Introduction to the Motion Picture, Television, and Recording Arts Industry (6).
FIL 515SL. Screenwriting I: Techniques and Treatments (2–6).
FIL 5156L. Screenwriting II: Narrative Techniques (3).
FIL 5157L. Screenwriting III: Advanced Workshop (2–6).
FIL 5158. Screenwriting IV: Television Workshop (3).
FIL 5159. Screenwriting V: Motion Picture Workshop (3).
FIL 5209L. Basic Film Production (2–6).
FIL 5215L. Producing 1 (2).
FIL 5216L. Producing 2 (2).
FIL 5217L. Principles and Practice of Technical and Creative Support (3).
FIL 5218L. Basic Video Production (3–6).
FIL 5219. Practicum in Technical Support (3).
FIL 5256L. Sound Workshop (2).
FIL 5257L. Film Editing (2–4).
FIL 5258. Production Design Workshop (3).
FIL 5259L. Postproduction Sound Workshop (2).
FIL 5265LR. Directing Actors (2).
FIL 5266L. Directing: Multicamera Workshop (3–9).
FIL 5267LR. Directing: Single-Camera Workshop (2).
FIL 5268LR. Advanced Directing (2).
FIL 5278L. Camera and Light Mechanics (2–6).
FIL 5279L. Lighting Workshop (2–6).
FIL 5285. Intermediate Television Editing (3).
FIL 5286. Advanced Television Editing (3).
FIL 5295. Acting for the Camera (3).
FIL 5296. Advanced Sound (2–6).
FIL 5415. History and Criticism I (3).
FIL 5416. History and Criticism II (3).
FIL 5505. Critical Studies in Film and Television (3).
FIL 5506. Critical Methods in Motion Picture, Television, and Recording Arts (3).
FIL 5508. Critical Methods of Film Analysis (3).
FIL 5509L. Film Aesthetics (1).
FIL 5606. Distribution and Financing Workshop (3).
FIL 5615L. Advanced Workshop in Area of Specialization (2–12).
FIL 5616r. Preproduction and Production Planning (3–12).
FIL 5617L. Advanced Editing (2–6).
FIL 5705LR. Production Management (2).
FIL 5906e. Directed Individual Study (3–12). (S/U grade only.)
FIL 5912r. Supervised Research or Creative Activity (3). (S/U grade only.)
FIL 5911r. Colloquium in Motion Picture, Television, and Recording Arts (3).
FIL 5930r. Proseminar 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.)
Program in MULTINATIONAL BUSINESS OPERATIONS

COLLEGE OF BUSINESS

Program Director: Gary Knight; Professors: Giunipero, Stepina; Associate Professor: Knight; Assistant Professors: Kim, Overby

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 Core 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 X203;
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)
- MAN 3240 Organizational Behavior (3)
- MAR 3023 Basic Marketing Concepts (3)

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.

- FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)
- 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)

MULTILINGUAL/ MULTICULTURAL EDUCATION:

see Middle and Secondary Education

Major Area Requirements

All multinational business operations 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 multinational business operations major area requirements.

- FIN 4604 Multinational Financial Management (3)
- MAN 4605 Cross-Cultural Management (3)
- MAN 4631 International Strategic Management (3)
- MAR 4156 Multinational Marketing (3)

Plus one (1) elective from the following list of courses:

- MAN 4610 Resources and World Enterprises (3)
- MAN 4680r Selected Topics in International Management (3)

Students may substitute an internationally oriented course outside the College of Business approved by the program director or a minor in a foreign language for the one elective above.

Definition of Prefixes

FIN — Finance
MAN — Management
MAR — Marketing

Undergraduate Courses

FIN 4604. Multinational Financial Management (3). Prerequisites: FIN 3403, 3244. 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 each situation.

MAN 4610. Resources and World Enterprises (3). Prerequisites: ECO 2013, 2023. Focuses on the economics and politics of world energy. Examines OPEC, the world oil industry, consuming countries, and alternative energy industries.

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 worldwide 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.
MUSIC

SCHOOL OF MUSIC


The School of Music has been a fully accred- ited member of the National Association of Schools of Music since 1930, and its degree re-quirements are in accordance with the latest published regulations of that association.

Undergraduate Degrees

The following are the undergraduate degrees offered by the School 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 (BM) and bachelor of music education (BME) degrees, the bachelor of arts (BA) degree in music is offered through the School of Music. The School of Music also provides a music minor for the divisions of the University that require a minor course of study.

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 1111*, MUT 1112*, MUT 2116*, MUT 2117*;
2. MUT 1241*, MUT 1242*, MUT 2246*, MUT 2247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to four (2–4) semester hours of MVx X1X1;
5. Two to four (2–4) semester hours of MVx X2X2;

Music Composition

1. MUT 1111*, MUT 1112*, MUT 2116*, MUT 2117*;
2. MUT 1241*, MUT 1242*, MUT 2246*, MUT 2247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to four (2–4) semester hours of MVx X1X1;
5. Two to four (2–4) semester hours of MVx X2X2;

Music History and Appreciation

1. MUT 1111*, MUT 1112*, MUT 2116*, MUT 2117*;
2. MUT 1241*, MUT 1242*, MUT 2246*, MUT 2247*;
3. One course (four [4] semester hours) with the MUN prefix;
4. Two to four (2–4) semester hours of MVx X1X1;
5. Two to four (2–4) semester hours of MVx X2X2;

Music Teacher Education

1. EDF X005;
2. EDF 2701;
3. EME 2040;
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 1111*, MUT 1112*, MUT 2116*, MUT 2117*;

b) MUT 1241*, MUT 1242*, MUT 2246*, MUT 2247*;

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 sub-stitute. Contact the department for details.

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 nine (9) 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. This list will be published in the institution’s catalog and in the Community College Counsel- ing Manual.
Graduate Degrees

The following are the graduate degrees offered by the School of Music:
- Master of music
- Performance Accompanying
- Piano pedagogy
- Choral conducting
- Instrumental conducting
- Jazz studies
- Music theory
- Composition
- Musicology (both historical and ethnomusicology)

Orchestra

Music theory

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 facilities, opportunities, and available financial assistance, refer to the “School 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
MUK — Music: History/Musicology
MUL — Music Literature
MUM — Music: Commercial/Management/Administration
MUN — Music Ensembles
MUO — Music: Opera/Music Theatre
MUR — Music: Church
MUS — Music
MUT — Music: Theory
MUY — Music: Therapy
MVB — Applied Music: Brasses
MVK — Applied Music: Keyboard
MOO — Applied Music: Other
MVP — Applied Music: Percussion
MVS — Applied Music: Strings
MVV — Applied Music: Voice
MVW — Applied Music: Woodwinds

Undergraduate Courses

Composition

MUC 321r. Composition (2). Prerequisites: MUC 121; consent of composition faculty. For composition majors only, may be repeated to a maximum of six (6) semester hours.

MUC 321tr. Composition (3). Prerequisites: MUC 221r; consent of composition faculty. For composition majors only, may be repeated to a maximum of six (6) semester hours.

MUC 3610r. 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 3620r. 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.

MUC 4214r. Composition (3). Prerequisite: MUC 3231r.

Music Education

MUE 1109r. Orientation to Music Education/Music Therapy (1). (SU grade only.)

MUE 2040. Introduction to Teaching Music (3). Prerequisite: MVS (B, J, K, O, S, V, W) 1100r – 1109r or consent of instructor. An introduction to music teaching and learning.


MUE 2390. Teaching Music to Diverse Populations (3). An introduction to the learning problems and needs of special education, early intervention, exceptional and ESL children and those from diverse cultures, with applicable teaching methodologies 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 2491. Orientation to Music Education/Therapy (1). (SU 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 undergraduates majoring in music education 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 in Strings and Orchestra (3). Required of music education instrumental majors.

MUE 3344. Teaching General Music K–12 (3). Prerequisites: MUE 3311, 3334. The rational, sequential, and learning theory in relation to music for the general student (K–12).

MUE 3434. 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: Orchestral (2). This course introduces development of choral, verbal and non-verbal communication skills, conducting skills, and knowledge of choral literature.


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 3494 is required.

Honors in the Major

The School 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.
Prerequisites:

MUH 3211, 3212; consent of instructor.
MUH 4331.

Required of music majors. Survey of music history from
African traditions. Meets the University multicultural component
for the liberal studies requirements in
MUH 2051, 2052.

MUH 4321.

Internship in Music (12). (SU grade only.)
Prerequisites: Senior standing, consent of instructor.

Conducting

MUG 3104. Conducting (1). Prerequisite: MHT 1112.
The elements of conducting and rehearsal techniques.
MUG 4302. Advanced Conducting (3). Prerequisite:
MUG 3104. Continued theory and practice of conducting.

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. The 18th and 19th centuries.
MUH 2012. Music in Western Culture, 19th and 20th Centuries (3). For music majors only. Meets the University multicultural component for the liberal studies requirements in diversity in Western culture.
MUH 2321. Survey of Music History I: Antiquity to 1750 (3). Prerequisites: MUL 2110; MUG 2512 or 2513.
MUH 2322. History of Music: Medieval (3). Prereq-
requirements: MUL 2321, 2322; consent of instructor.
MUH 3432. History of Music: Renaissance (3). Prereq-
requirements: MUL 2321, 2322; consent of instructor.
MUH 3434. History of Music: Baroque (3). Prereq-
requirements: MUL 2321, 2322; consent of instructor.
MUH 3531. History of Music: Classical: 1750 to 1820 (3). Prereq-
requirements: Consent of instructor.
MUH 3631. History of Music: Romantic: 1820 to 1920 (3). Prereq-
requirements: Consent of instructor.
MUH 4351. History of Music: Classical: (3). Prereq-
requirements: MUL 2321, 2322; consent of instructor.
MUH 4361. History of Music: Modern: (3). Prereq-
requirements: MUL 2321, 2322; consent of instructor.
MUH 4371. History of Music: 20th Century (3). Pre-
requirements: MUL 2321, 2322; consent of instructor.

Music Literature

MUH 2110. Survey of Music Literature (2). Prereq-
requirements: MUL 1111, 1112; or their equivalents. Required of music majors and minors.
MUH 3604. Vocal Solo Literature: German (2). Prereq-
requirement: Junior standing. Required of voice performance majors.
MUH 4371. Music Since World War II (3). Recent musical techniques and aesthetics as revealed in selected works.
MUH 4420. Chamber Music Literature for Strings (3). A study of chamber music literature for strings alone, strings with piano, and strings with other instruments.
MUH 4430. Guitar Literature I (2). A study of guitar literature from the Renaissance to the Pre-Classical period. Prerequisite: MUL 2321.
MUH 4431. Guitar Literature II (2). A study of guitar literature from the Classical period to the present.
MUH 4490. Survey of Organ Literature (1). A study of organ literature, with particular emphasis on the contribution of organ music to the liturgy of the Western church.
MUH 4491. Survey of Sacred Vocal Literature (2). A survey of the sacred vocal literature available for the liturgical year.
MUH 4683. Vocal Solo Literature (3). Required for all students who enter the program as music majors.
MUH 4930. Special Topics in Music Literature (1–3). The study of music literature. May be repeated to a maximum of twelve (12) semester hours.

Commercial Music

MUL 4210. Applied Piano Tuning I (3). Prerequisite:
MUH 3431. Piano tuner and instructor. This course examines string vibration as it relates to applied piano tuning.
MUL 4211. Applied Piano Tuning II (3). Prerequisite:
MUH 3431. This course examines string temperaments appropriate for historical instruments and for the modern piano.
MUL 4212. Applied Piano Tuning III (3). Prerequisite:
MUH 4211. Continued development of tuning skills is ex-
amined.
MUL 4213. Applied Piano Tuning IV (3). Prerequisite:
MUH 4212. This course develops tuning skills up to the concert level, and prepares students for the Piano Technicians Guild certification exam.
MUL 4420. Theory of Piano Technology I (2). Prereq-
requirement: Sophomore standing or permission of instructor. History and fundamental principles of the modern mechanisms of the piano.
MUL 4421. Theory of Piano Technology II (2). Prereq-
requirement: MUL 4250. Permission of instructor in preparing a piano for concert performance, in-
cluding tuning, voicing, and regulation.
MUG 4251. Piano Technology (3). Prerequisite:
MUH 3431. Permission of instructor. This course is an introduction to the history of the piano, fundamental principles of the mechanics of the piano, and concert tuning techniques.
MUL 4452. Piano Technology II (3). Prerequisite: MUL 4251. Projects include highlighting beginning restoration tech-
niques and introduction to automation.
MUL 4453. Piano Technology III (3). Prerequisite: MUL 4452. Advanced repair and restoration techniques are examined.
MUL 4454. Piano Technology IV (3). Prerequisite: MUL 4453. Topics include major repairs and advanced cutting edge repair techniques.
MUL 4460. Organ Design and Maintenance (2). Prereq-
requirement: Consent of instructor. Open to all upper-division organ majors and principals.

Ensembles

Note: all ensemble courses are repeatable.
MUH 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.
MUH 2120r. Concert Band (0–1). Prerequisite: By audition. Band experience in a variety of literature for all University students. May be repeated to a maximum of four (4) semester hours.
MUH 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.
MUH 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.
MUH 2150r. University Symphony (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.
MUH 2160r. Marching Band (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.
MUH 2170r. Women’s Glee Club (0–1). The study and performance of works drawn from grand opera, oratorietas, and musicals. May be repeated to a maximum of four (4) semester hours.
MUH 2180r. Opera Orchestra (0–1). Prerequisite: By audition. Study and performance of works drawn from grand opera, oratorietas, and musicals. May be repeated to a maximum of four (4) semester hours.
MUH 2190r. University Symphony (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.
MUH 2191r. Choral Union (0–1). The reading, study, and performance of choral repertoire for mixed voices. Open to all University students. May be repeated to a maximum of four (4) semester hours.
MUH 2200r. 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.
MUH 2230r. 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.
MUH 2250r. Opera Chorus (0–1). Prerequisite: By au-
tion. Study and performance of selected works from grand opera, oratorietas, and musicals. Productions are presented in costume and makeup. May be repeated to a maximum of four (4) semester hours.
MUN 2390r. University Chorale (0–1). The study and performance of works representative of a wide spectrum of choral music 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. Wind 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 brass. 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 2472r. Baroque Ensemble (0–1). Prerequisite: Consent of instructor. The study and performance of baroque music literature for guitar. May be repeated to a maximum of four (4) semester hours.

MUN 2490r. 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 rock and roll vocal music literature. 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. Marching Chiefs (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 4125r. Marching Band and Marching Band Accomp (0–1). Prerequisite: By audition. Conductor experience in a variety of literature for all University students. May be repeated to a maximum of six (6) semester hours.

MUN 4133r. Marching Band (0–1). Prerequisite: By audition. Conductor experience in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.

MUN 4136r. Band Accomp (0–1). Prerequisite: By audition. Conductor experience in a wide variety of literature. 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 4513r. Piano Vocal/Instrumental Accompanying (0–1). May be repeated to a maximum of four (4) semester hours.

MUN 4518r. Baroque Ensemble (0–1). Prerequisite: Consent of instructor. The study and performance of works for string ensemble. May be repeated to a maximum of four (4) semester hours.

MUN 4440r. Duets (0–1). 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 4451r. Baroque Ensemble (0–1). Prerequisite: Consent of instructor. The study and performance of chamber music of the 17th and 18th centuries and of contemporary chamber works suitable for a 24–30 voice mixed chorus. May be repeated to a maximum of four (4) semester hours.

MUN 4363r. Madrigal Singers (0–1). Prerequisite: By audition. The study and performance of works written for a small group of voices. May be repeated to a maximum of four (4) semester hours.

MUN 4006r. Performance of Stage Role (1–2). Prerequisite: Consent of instructor. May be repeated to a maximum of four (4) semester hours.

MUS 3101r. Laboratory Application of MUS 3340. May be repeated to a maximum of six (6) semester hours.

MUS 3200. Seminar in Technology (2). Practical and theoretical issues in music technology: purchasing and evaluating computer music systems, music hardware and software issues, copyrights and ethics in technology, historical development of sound computers and future directions in computers and music, and other issues. May be repeated to a maximum of four (4) semester hours.

MUS 3530. Beginning C Computer Programming for Musicians (1). Introduction to C programming including an 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 3530 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 four (4) semester hours.

MUS 3533r. Computers in Music Design Seminar (3). Prerequisite: MUS 331. Discussions and experiences in music software design. May be repeated to a maximum of six (6) semester hours.

MUS 3540. Electronics for Musicians (3). Prerequisite: Consent of instructor. Basic concepts and experiences in digital and analog electronics for musicians.

MUS 3541. Digital Music Synthesis I (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 composition.

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 3820. Computer Music Project (1). Prerequisite: Permission of instructor; students must first complete all courses in the Certificate in Computer Music Program (or the equivalent of computer science, computer science, and/or software projects in music technology. May be repeated to a maximum of three (3) semester hours.

MUS 3821r. Electronic Music (0–3). Prerequisite: Consent of instructor. May be repeated to a maximum of nine (9) semester hours.

MUS 3942r. Music Peer Advisement Practicum (0). (S/U grade only) Introduction to leadership skills necessary for advising and counseling in the School of Music. May be repeated to a maximum of three (3) semester hours.

MUS 4211. French Language and Diction for Singers (3). Prerequisite: FRE 1120. This course is the study of French pronunciation and its applications to French opera. The focus is on proper pronunciation of the French language and on grammar and vocabulary necessary for translating texts of French melodies and operas.

MUS 4231. Italian Language and Diction for Singers (3). Prerequisite: GER 1120. This course is the study of German diction and continuation of grammar studies from GER 1120.
The focus is on proper pronunciation of the German language and on grammar and vocabulary necessary for translating texts of German literature. Knowledge of ancillary learning materials. Prerequisites: MUT 2421.

C 4211. Italian Language and Diction for Singers (3). Prerequisite: ITA 1120. This course is the study of Italian diction and pronunciation. Not open to ITA 1120 students. The focus is on proper pronunciation of the Italian language and on grammar and vocabulary necessary for translating texts of Italian literature. Prerequisites: ITA 1120.

C 4611. Psychology of Music Survey (3). Prerequisite: Basic course in psychology. Basic study of acoustics, the ear and hearing, learning, memory, and the psycho-socio-physiological processes involved in musical behavior.

C 4612. Psychology of Music Learning (3). Prerequisites: MUS 4801. Consists of applied research methods in psychology of music through examination of selected research studies and behavioral projects.

MUS 4747. Laboratory in Mathematics for Musicians (2). Experience in types of writing that are particularly useful to musicians: analyses, program notes, performance reviews, and research papers.

MUS 4904r. Honors Study (1–6). Prerequisite: Consent of instructor. May be repeated to a maximum of nine (9) semester hours.

MUS 4905r. Directed Individual Study (1–3). Prerequisite: Consent of instructor. May be repeated to a maximum of (9) semester hours.

MUS 4928r. Workshop in Music (2–6). Techniques in instruction and administration of music programs. Unrepeated for credit. May be repeated to a maximum of twelve (12) semester hours.

MUS 4936r. Senior Tutorial in Music (1–3). (SU grade only.) Prerequisite: Upper division major only. Selected topics in music. May be repeated to a maximum of six (6) semester hours.

MUS 4970r. Senior Project/Thesis/Recital (2–12). (SU grade only.) Prerequisite: Senior standing only. Consent of instructor and director. Approval of the senior project/thesis/recital committee and the school of music. May be taken in an affiliated, approved, clinical center. May be repeated once only and to a maximum of twenty (20) semester hours.

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, and the fundamentals of musical notation.

MUT 1011. Music Theory for the Non-Music Major (3). A practical, analytical, and performance-oriented application of 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 structure of music.

MUT 1112. Music Theory II (3). Prerequisite: MUT 1111. The materials and structure 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 2117IV (3). Prerequisite: MUT 2116. The materials and structure 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.

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 sophistication. May be repeated to a maximum of three (3) semester hours.

MUT 3353. Jazz Theory/Arranging I (3). Prerequisites: MUT 2117 and 2247. A course designed to promote skills in arranging for the jazz ensemble.

MUT 3354. Jazz Theory/Arranging II (3). Prerequisites: MUT 3353 or consent of instructor. Advanced skills in arranging for the jazz ensemble.

MUT 3421–3422. 18th-Century Counterpoint (two [2] hours each). Prerequisite: MUT 3421 for students studying early music. Prerequisite: MUT 2117 and 2247. 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 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 4311. Orchestration (2). Prerequisites: MUT 3421–3422. The study of orchestration and the practical usage of orchestral instruments and the principles of scoring.

MUT 4321. Composing and Arranging for Wind Band (2). Prerequisites: MUT 3421–3422. The study of the practical usage of orchestral instruments and the principles of scoring.

MUT 4411. 16th-Century Counterpoint (3). Prerequisites: MUT 2117 and 2247. The study of contrapuntal techniques of the 16th century.

Music Therapy

MUY 3601. Music Recreation Techniques (3). Prerequisite: Class guitar (MUS 1116) or consent of instructor.

MUY 4401r. Music Therapy Methods and Practicum I (3). Prerequisites: Senior standing in music therapy, completion of MUT 4612; or consent of instructor.

MUY 4402r. 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 (1-12). (SU grade only.) Prerequisite: Completion of all course requirements and thirty 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 (B, J, K, O, P, S, V, W) 1010r–1019r. Applied Music (two [2] hours each). Private instruction. For students preparing for freshman level of applied music. With the exception of MVB 1010, 2010, 3010, and 4040, each course may be repeated to a maximum of three (3) semester hours. Credit earned in the MVB (B, J, K, O, P, S, V, W) 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, Tubal

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, Flame, Jazz

MVB 1016r. App Mus Prep, French Horn, Jazz

MVB 1017r. App Mus Prep, Trumpet, Jazz

MVB 1018r. App Mus Prep, Trombone, Jazz

MVB 1019r. App Mus Prep, Bassoon, Jazz

MVB 1011r. App Mus Prep, Piano

MVB 1013r. App Mus Prep, Organ

MVB 1014r. App Mus Prep, Double Bass

MVB 1015r. App Mus Prep, Flute

MVB 1016r. App Mus Prep, Oboe

MVB 1017r. App Mus Prep, Clarinet

MVB 1018r. App Mus Prep, Bassoon

MVB 1019r. App Mus Prep, Saxophone

MVO 1010r–4040r. Directed Individual Study (one to two [1–2] hours each). All instruments. Principal only. May be repeated to a maximum of four (4) semester hours.

MVO 1010r. App Mus Undergraduate Coaching

MVO 2010r. App Mus Undergraduate Coaching

MVO 3030r. App Mus Undergraduate Coaching

MVO 4040r. App Mus Undergraduate Coaching

MVK 1111r. Class Piano (1). Prerequisites: Audition, permission of coordinator of class piano. For major music majors other than keyboard principals and performance majors. Elementary keyboard techniques and musicianship. May be repeated to a maximum of two (2) semester hours.

MVK 1111v. Class Voice (1). Prerequisite: Consent of coordinator of class voice. Class instruction in the fundamentals of voice production. Elementary level.

MVH 1116. Beginning Class Guitar (1). For beginning guitar students. Emphasis on music reading and elementary techniques.

MVJ (B, H, 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 twelve (12) semester hours by credit majors. Credit may be modified by electing MVO 1210r (1), all instruments. All MVO courses may be taken for one to two (1–2) credit hours each.
MVK 141r. The Florida State University Music in Special Education (3).

MVK 2121r. Class Piano (1). Prerequisite: MVK 1111r (2) or consent of coordinator of class piano. Class instruction. For music majors other than keyboard principals and performance majors. Sightreading, harmonizing, transposing, improvising, intermediate keyboard techniques, repertoire, and musicianship. May be repeated to a maximum of two (2) semester hours.

MVK 2125r. Keyboard Improvisation (1). Prerequisite: MUT 1112. An improvisation course for keyboard principals. All MVK courses except those for preservice students may have met the class piano performance requirement by a proficiency exam but not through this course.

MVS 2126r. Intermediate Class Guitar (1). Prerequisite: MVS 1116r or consent of instructor. Class instruction in intermediate for musamine performance. Offers students with the opportunity to observe private and classical piano and musicianship instruction in the private and precollege levels.

MVK 2220r–2229r. Applied Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 2240r–2249r. Applied Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.


MVK 2330r–2339r. Advanced Conducting I: Band (2). Prerequisite: Consent of instructor. Development of basic performance skills. May be repeated to a maximum of two (2) semester hours.

MVK 2340r–2346r. Advanced Conducting II: Band (2). Prerequisite: Consent of instructor. Development of basic performance skills. May be repeated to a maximum of two (2) semester hours.

MVK 2420r–2429r. Applied Music Literature (two [2] hours each). Private instruction. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 2440r–2446r. Advanced Conducting (2). Prerequisite: Consent of instructor. Development of performance skills. May be repeated to a maximum of two (2) semester hours.

MVK 2520r. String Repertory (1). Required of string performance majors. May be repeated to a maximum of two (2) semester hours.

MVK 2526r. Guitar Repertory (1). Prerequisite: Consent of instructor. Required of guitar performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 2622r. Directed Observation in Piano Pedagogy: College (1). Provides students with the opportunity to observe private and class piano and musicianship instruction on the college level.

MVK 2700r. Piano Accompanying Vocal (1). Techniques, artistic skills, and repertory for accompanying. Required of piano performance majors.

MVK 2700r. Piano Accompanying Vocal (1). Techniques, artistic skills, and repertory for accompanying. Required of piano performance majors.

MVK 3131r. Closed Piano (1). Prerequisite: MVK 2121r (2) or permission of coordinator of class piano. Class instruction. For music majors other than keyboard principals and performance majors. Continuation of MVK 2121r with an emphasis upon increased skills, including open score reading and accompanying. May be repeated to a maximum of two (2) semester hours.

MVK 3131r. Closed Piano (1). Prerequisite: MVK 2121r (2) or permission of coordinator of class piano. Class instruction. For music majors other than keyboard principals and performance majors. Continuation of MVK 2121r with an emphasis upon increased skills, including open score reading and accompanying. May be repeated to a maximum of two (2) semester hours.

MVK 3136r. Advanced Class Guitar (1). Prerequisite: MVK 2121r. Class instruction in advanced classical guitar style and techniques.

MVK 3230r–3239r. Applied Music Secondary (two [2] hours each). Private instruction. (See course description for MVK[B, K, O, P, S, V, W] 1210r–1219r series.) For students whose major is not performance, MVK courses except those for preservice students may have met the class piano performance requirement by a proficiency exam but not through this course.

MVK 3330r–3339r. Advanced Conducting I: Chorus (2). Prerequisite: Consent of instructor. Development of basic performance skills. May be repeated to a maximum of two (2) semester hours.

MVK 3340r–3346r. Advanced Conducting II: Chorus (2). Prerequisite: Consent of instructor. Development of basic performance skills. May be repeated to a maximum of two (2) semester hours.

MVK 3430r–3436r. Advanced Conducting III: Chorus (2). Prerequisite: Consent of instructor. Development of basic performance skills. May be repeated to a maximum of two (2) semester hours.

MVK 3501r. Orchestral Repertoire for Violin (1). (S/U grade only.) Prerequisite: Permission of the instructor. May be repeated to a maximum of two (2) semester hours.

MVK 3502r. String Repertory (1). Required of string performance majors. May be repeated to a maximum of two (2) semester hours.

MVK 3503r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 3503r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 3503r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 3503r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 3503r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 3503r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 3503r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Required senior recital for performance majors. Course may be repeated to a maximum of two (2) semester hours.
### Music History

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MUH 5219</td>
<td>Music History Graduate Seminar</td>
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</tr>
<tr>
<td>MUH 5235</td>
<td>History of Music: Medieval</td>
<td>3</td>
</tr>
<tr>
<td>MUH 5335</td>
<td>History of Music: Renaissance</td>
<td>3</td>
</tr>
<tr>
<td>MUH 5345</td>
<td>History of Music: Baroque</td>
<td>3</td>
</tr>
<tr>
<td>MUH 5545</td>
<td>History of Music: Classical</td>
<td>3</td>
</tr>
<tr>
<td>MUH 5565</td>
<td>History of Music: Nineteenth Century</td>
<td>3</td>
</tr>
<tr>
<td>MUH 5375</td>
<td>History of Music: Twentieth Century</td>
<td>3</td>
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<tr>
<td>MUH 5380</td>
<td>Music in the Humanities</td>
<td>3</td>
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<tr>
<td>MUH 5410</td>
<td>Notation of Polyphonic Music to 1600</td>
<td>3</td>
</tr>
<tr>
<td>MUH 5411</td>
<td>Notation of Polyphonic Music II</td>
<td>3</td>
</tr>
<tr>
<td>MUH 5546</td>
<td>Music of Latin America I</td>
<td>3</td>
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<tr>
<td>MUH 5547</td>
<td>Music of Latin America II</td>
<td>3</td>
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<tr>
<td>MUH 5548</td>
<td>Music in the Caribbean</td>
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<tr>
<td>MUH 5576</td>
<td>Music of Indonesia</td>
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<tr>
<td>MUH 5577</td>
<td>Music of Japan</td>
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<tr>
<td>MUH 5580</td>
<td>Introduction to Ethnomusicology</td>
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<td>MUH 5581</td>
<td>Seminar in Ethnomusicology</td>
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<td>MUH 5587</td>
<td>Seminar in World Music Studies</td>
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<tr>
<td>MUH 5590</td>
<td>Seminar in Field and Laboratory Techniques in Ethnomusicology</td>
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<td>MUH 5596</td>
<td>World Music Pedagogy</td>
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<td>MUH 5635</td>
<td>Music in the United States I</td>
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<td>MUH 5636</td>
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<td>MUH 5655</td>
<td>Seminar in Performance Practice</td>
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<tr>
<td>MUH 5685</td>
<td>Introduction to Historical Musicology</td>
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<td>MUH 5686</td>
<td>Seminar in Historical Musicology</td>
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<tr>
<td>MUH 5806</td>
<td>History of Jazz (1890–1950)</td>
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<td>MUH 5807</td>
<td>History of Jazz (1950 to the present)</td>
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<td>MUH 6687</td>
<td>Advanced Seminar in Musicology I</td>
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<tr>
<td>MUH 6688</td>
<td>Advanced Seminar in Musicology II</td>
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### Music Literature

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<tr>
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<tbody>
<tr>
<td>MUL 5375</td>
<td>Music Since World War II</td>
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<tr>
<td>MUL 5412</td>
<td>Solo Music Literature Seminar Piano: Baroque to Classic</td>
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<tr>
<td>MUL 5413</td>
<td>Solo Music Literature Seminar Piano: Classic to Romantic</td>
<td>2</td>
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<tr>
<td>MUL 5414</td>
<td>Solo Music Literature Seminar Piano: Romantic</td>
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<tr>
<td>MUL 5415</td>
<td>Solo Music Literature Seminar Piano: 20th Century</td>
<td>2</td>
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<tr>
<td>MUL 5425</td>
<td>Chamber Music Literature for Strings</td>
<td>3</td>
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<td>MUL 5435</td>
<td>Guitar Literature I</td>
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### Commercial Music

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<tbody>
<tr>
<td>MUM 5215</td>
<td>Applied Piano Tuning I</td>
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<tr>
<td>MUM 5216</td>
<td>Applied Piano Tuning II</td>
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<tr>
<td>MUM 5217</td>
<td>Applied Piano Tuning III</td>
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<tr>
<td>MUM 5218</td>
<td>Applied Piano Tuning IV</td>
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<tr>
<td>MUM 5225</td>
<td>Theory of Piano Technology I</td>
<td>2</td>
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<tr>
<td>MUM 5226</td>
<td>Theory of Piano Technology II</td>
<td>2</td>
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<td>MUM 5256</td>
<td>Piano Technology I</td>
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<tr>
<td>MUM 5257</td>
<td>Piano Technology II</td>
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<tr>
<td>MUM 5258</td>
<td>Piano Technology III</td>
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<tr>
<td>MUM 5265</td>
<td>Organ Design and Maintenance</td>
<td>2</td>
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<td>MUM 5805</td>
<td>Introduction to Arts Administration</td>
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<tr>
<td>MUM 5807</td>
<td>Survey of Orchestra Management</td>
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<tr>
<td>MUM 5947</td>
<td>Internship in Arts Administration (1–12)</td>
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### Opera/Music Theatre

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<tr>
<td>MUO 5007</td>
<td>Musical Theatre Workshop</td>
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<tr>
<td>MUO 5445</td>
<td>Opera Coaching</td>
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<tr>
<td>MUO 5455</td>
<td>Performance of Operatic Role</td>
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<tr>
<td>MUO 5505</td>
<td>Opera</td>
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<tr>
<td>MUO 5605</td>
<td>Opera Production</td>
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<tr>
<td>MUO 5701</td>
<td>Opera Directing</td>
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<tr>
<td>MUO 5801</td>
<td>Opera Project</td>
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<td>MUO 6446</td>
<td>Opera Coaching</td>
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### Church Music

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<tr>
<td>MUR 5206</td>
<td>Hymnology</td>
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<tr>
<td>MUL 5415</td>
<td>The Organ and Its Music from the Middle Ages to the End of the 17th Century</td>
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<tr>
<td>MUL 5416</td>
<td>The Organ and Its Music from the Time of J. S. Bach to the Present Day</td>
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### Music

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>MUS 5226</td>
<td>French Language and Diction for Singers</td>
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<tr>
<td>MUS 5236</td>
<td>German Language and Diction for Singers</td>
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<tr>
<td>MUS 5246</td>
<td>Italian Language and Diction for Singers</td>
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<tr>
<td>MUS 5325</td>
<td>Contemporary Media</td>
<td>3</td>
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<tr>
<td>MUS 5345</td>
<td>Music Instrument Digital Interface</td>
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<td>MUS 5346</td>
<td>Laboratory for Music Instrument Digital Interface</td>
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<tr>
<td>MUS 5365</td>
<td>Graduate Survey of Music Technology</td>
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<tr>
<td>MUS 5505</td>
<td>Seminar in Music Technology</td>
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<tr>
<td>MUS 5535</td>
<td>Beginning C Computer Programming Techniques for Musicians</td>
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<tr>
<td>MUS 5536</td>
<td>Multimedia for Musicians</td>
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<td>MUS 5538</td>
<td>Computers in Music Design Seminar</td>
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<tr>
<td>MUS 5545</td>
<td>Electronics for Musicians</td>
<td>3</td>
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<tr>
<td>MUS 5546</td>
<td>Digital Music Synthesis I</td>
<td>3</td>
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<tr>
<td>MUS 5547</td>
<td>Digital Music Synthesis II</td>
<td>3</td>
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<tr>
<td>MUS 5616</td>
<td>Psychology of Music</td>
<td>3</td>
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<tr>
<td>MUS 5619</td>
<td>Behavior Modification in Music</td>
<td>3</td>
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<tr>
<td>MUS 5711</td>
<td>Music Bibliography</td>
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<tr>
<td>MUS 5721</td>
<td>Music Perception and Cognition</td>
<td>3</td>
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<tr>
<td>MUS 5722</td>
<td>Descriptive Research in Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 5723</td>
<td>Experimental Research in Music</td>
<td>3</td>
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<tr>
<td>MUS 5748</td>
<td>Writing for Musicians</td>
<td>2</td>
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<tr>
<td>MUS 5906</td>
<td>Directed Individual Study (1–3)</td>
<td>(S/U grade only)</td>
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<tr>
<td>MUS 5910</td>
<td>Supervised Research (1–3)</td>
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<tr>
<td>MUS 5921</td>
<td>Symposium in Music</td>
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<tr>
<td>MUS 5929</td>
<td>Workshop in Music</td>
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Music Theory

MUT 5051. Graduate Theory Survey (3).
MUT 5151. Introduction to Graduate Study in Music Theory: Survey (3).
MUT 5357. Jazz Theory/Arranging I (3).
MUT 5358. Jazz Theory/Arranging II (3).
MUT 5381. Composing and Arranging for Wind Band (3).
MUT 5445. Contrapuntal Genres (3).
MUT 5587. Classic, Romantic, and 20th-Century Styles (3).
MUT 5618. Analysis of Masterworks 1700–1950 (3).
MUT 5625. Instrumental Forms (3).
MUT 5627. Introduction to Schenkerian Analysis (3).
MUT 5628. Atonal Analysis (3).
MUT 5646r. Jazz Improvisation I (1).
MUT 5647r. Jazz Improvisation II (1).
MUT 5655. Writing Skills: 16th-Century Counterpoint (3).
MUT 5656. Writing Skills: Fugue (3).
MUT 5751. Pedagogy of Music Theory [three (3) hours each].
MUT 5760. History of Music Theory (3).
MUT 6937r. Doctoral Seminar in Music Theory 6938r. (3, 3).

Music Therapy

MUY 5411. Music in Counseling (2).
MUY 5705. Assessment Instruments in Music Therapy/Music Education (2).
MUY 5935. Seminar in Music Therapy (2).
MUY 5946. Graduate Clinical Project (6).

Applied Music

MVO 5050r. Applied Music Graduate Coaching (1–2).
MVO 5055r. Applied Music Graduate Coaching (2–4).
MVK 5151r. Class Piano (1).
MVS 5151r. Class Voice (1).
MVS 5156. Beginning Class Guitar (1).
MBV 5251r. App Mus Sec, Trumpet
MBV 5252r. App Mus Sec, French Horn
MBV 5253r. App Mus Sec, Trombone
MBV 5254r. App Mus Sec, Baritone Horn
MBV 5255r. App Mus Sec, Tuba
MVK 5250r. App Mus Sec, Historical Instruments (1–2).
MVH 5251r. App Mus Sec, Cupped Mouthpieces (1–2).
MVH 5252r. App Mus Sec, Open Reeds (1–2).
MVH 5253r. App Mus Sec, Capped Reeds (1–2).
MVH 5254r. App Mus Sec, Recorder (1–2).
MVH 5255r. App Mus Sec, Flute (1–2).
MVH 5256r. App Mus Sec, Plucked Instruments (1–2).
MVH 5257r. App Mus Sec, Bowed Strings (1–2).
MVH 5258r. App Mus Sec, Voice (1–2).
MVH 5259r. App Mus Sec, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVK 5251r. App Mus Sec, Piano
MVK 5252r. App Mus Sec, Harpsichord
MVK 5253r. App Mus Sec, Organ
MVO 5250r. Modified Credit, All Instruments (1).
MVP 5251r. App Mus Sec, Percussion
MVS 5251r. App Mus Sec, Violin
MVS 5252r. App Mus Sec, Viola
MVS 5253r. App Mus Sec, Violoncello
MVS 5254r. App Mus Sec, Double Bass
MVS 5255r. App Mus Sec, Harp
MVS 5256r. App Mus Sec, Guitar
MVV 5251r. App Mus Sec, Voice
MWW 5251r. App Mus Sec, Flute
MVV 5252r. App Mus Sec, Oboe
MVV 5253r. App Mus Sec, Clarinet
MVV 5254r. App Mus Sec, Bassoon
MWW 5255r. App Mus Sec, Saxophone
MBV 5351r. App Mus Prin, Trumpet
MBV 5352r. App Mus Prin, French Horn
MBV 5353r. App Mus Prin, Trombone
MBV 5354r. App Mus Prin, Baritone Horn
MBV 5355r. App Mus Prin, Tuba
MVJ 5350r. App Mus Prin, Piano, Jazz
MVJ 5351r. App Mus Prin, Voice, Jazz
MVJ 5352r. App Mus Prin, Violin, Jazz
MVJ 5353r. App Mus Prin, Guitar, Jazz
MVJ 5354r. App Mus Prin, Bass, Jazz
MVJ 5355r. App Mus Prin, Flute, Jazz
MVJ 5356r. App Mus Prin, Saxophone, Jazz
MVJ 5357r. App Mus Prin, Trumpet, Jazz
MVJ 5358r. App Mus Prin, Trombone, Jazz
MVJ 5359r. App Mus Prin, Percussion, Jazz
MVK 5351r. App Mus Prin, Piano
MVK 5352r. App Mus Prin, Harpsichord
MVK 5353r. App Mus Prin, Organ
MVO 5350r. Modified Credit, All Instruments (1).
MVP 5351r. App Mus Prin, Percussion
MVS 5351r. App Mus Prin, Violin
MVS 5352r. App Mus Prin, Violin
MVS 5353r. App Mus Prin, Violoncello
MVS 5354r. App Mus Prin, Double Bass
MVS 5355r. App Mus Prin, Harp
MVS 5356r. App Mus Prin, Guitar
MVH 5351r. App Mus Prin, Voice
MWW 5351r. App Mus Prin, Flute
MWW 5352r. App Mus Prin, Oboe
MVW 5353r. App Mus Prin, Clarinet
MWW 5354r. App Mus Prin, Bassoon
MWW 5355r. App Mus Prin, Saxophone
MBV 5451r. App Mus Maj, Trumpet
MBV 5452r. App Mus Maj, Trombone
MBV 5455r. App Mus Maj, Flute, Jazz
MVJ 5456r. App Mus Maj, Saxophone, Jazz
MVJ 5457r. App Mus Maj, Trumpet, Jazz
MVJ 5458r. App Mus Maj, Trombone, Jazz
MVJ 5459r. App Mus Maj, Percussion, Jazz
MVK 5451r. App Mus Maj, Piano
MVK 5452r. App Mus Maj, Harpsichord
MVK 5453r. App Mus Maj, Organ
MVO 5450r. Modified Credit, All Instruments (2).
MVP 5451r. App Mus Maj, Percussion
MVS 5451r. App Mus Maj, Violin
MVS 5452r. App Mus Maj, Viola
MVS 5453r. App Mus Maj, Violoncello
MVS 5454r. App Mus Maj, Double Bass
MVS 5455r. App Mus Maj, Harp
MVS 5456r. App Mus Maj, Guitar
MVV 5451r. App Mus Maj, Voice
MVW 5451r. App Mus Maj, Flute
MVW 5452r. App Mus Maj, Oboe
MVW 5453r. App Mus Maj, Clarinet
MVW 5454r. App Mus Maj, Bassoon
MVW 5455r. App Mus Maj, Saxophone
MVS 5505r. Orchestral Repertoire for Violin (1). (S/U grade only.)
MVS 5505r. String Repertory (0–1). MVS 5552r. Musical Theatre Repertoire (1).
MVS 5555r. Organ, Harpsichord Pedagogy (2).
MVO 5650r. Pedagogy for Winds and Percussion (3).
MVK 5651r. Piano Pedagogy I (3).
MVV 5651r. Seminar in Vocal Pedagogy (2).
MVK 5652r. Piano Pedagogy II (3).
MVK 5661r. Advanced Piano Pedagogy I (3).
MVK 5662r. Advanced Piano Pedagogy II (3).
MVK 5671r. Practicum in Piano Pedagogy (2).
MVW 5705r. Introduction to the Baroque Flute (1).
MVW 5706r. Introduction to the Baroque Recorder (1).
MVK 5710r. Piano Accompanying Vocal (1).
MVK 5711r. Piano Accompanying Instrumental (1).
MVK 5730r. Applied Music Major, Vocal Accompanying (4).
MVK 5731r. Applied Music Major, Instrumental Accompanying (4).
MVK 5732r. Applied Music Opera Coaching (4).
MVK 5745r. Techniques of Vocal Coaching (2).
MVK 5746r. Techniques of Coaching Chamber Music (2).
MVK 5747r. Techniques of Opera Coaching (2).
MVK 5935r. Continuo Playing Keyboard (1).
MVK 5936r. Service Playing (2).
MVV(B), 5955r. Certificate Recital (zero [0] hours credit). (S/U grade only.)
MVV(B), 5976r. Masters Recital (two [2] hours each). (S/U grade only.)
MVV 5976r. Masters Voice Recital Coaching (2).
NURSING

School of Nursing

Professors: Flannery, Frank, Speake; Associate Professors:cottrell, Dean, Faria, Grubbs, Harris, Karioth, Kohler, Lauterbach; Assistant Professors: Aronovitch, Lesser, Tucker, Whiteside; Associate in Nursing: Epley; Assistants in Nursing: Elliott, King, Mersdorf, Schall, Strouts, Workman; Visiting Assistant in Nursing: Buleczka

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 National League for Nursing. 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.

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 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. BSC X0835C or any human anatomy and physiology I or human anatomy;
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 1030 or 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 span;
5. HUN X201 (or any human nutrition) or NUR 1192;
6. MCB X010C or any microbiology with lab;
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

BSC — Biological Sciences
NGR — 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 physical needs, technical, computer, and therapeutic communication skills, documentation (based on medical terminology, group process, nursing process, and APN).

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. Nursing Assessment of the Well Family: A Lifespan Approach (2). Prerequisites: Admission to nursing. Corequisites: NUR 3064L. This course introduces the beginning 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 in compiling 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 (2). Prerequisites: Admission to nursing. Corequisites: NUR 3064. 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 interactive and technical skills, are used in gathering data for a health history, performing a physical exam, identifying health risks and problems, documenting findings and formulating 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 (3). Prerequisite: Admission to nursing program. Using the science of pharmacology and pharmacological principles underlying therapeutic interventions, this course focuses on
The Florida State University

Prerequisites: Term I courses. Corequisite: NUR 2326L. This is the first of three courses focused on the adult, focusing on general body responses and alterations in disease, pathophysiology, and holistic nursing management of the continuum of care for the adult, including dependency, health promotion and prevention. 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 process and their special needs. Concepts and alterations in physiologic stress and adaptation, 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 (3). Prerequisites: Term I courses. Corequisite: NUR 3232L. This is the first of three courses focused on the adult, focusing on general body responses and alterations in disease, pathophysiology, and holistic nursing management of the continuum of care for the adult, including dependency, health promotion and prevention. 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 process and their special needs. Concepts and alterations in physiologic stress and adaptation, 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.

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The exercise science major prepares professionals with expertise in fitness, exercise physiology, and pre-physical therapy. Students in the fitness option are prepared for graduate study as well as positions as personal trainers and health fitness instructors with both hospital-based wellness programs and corporate fitness programs. The exercise physiology option prepares students for graduate study in exercise physiology and for medical school. Students in the pre-physical therapy option complete course work required for entrance to physical therapy or occupational therapy programs.

The athletic training/sports medicine major provides the course work required by the National Athletic Trainers’ Association Board of Certification (NATABOC), and the Commission on Accreditation for Allied Health Education Programs (CAAHEP). Athletic training/sports medicine is offered to students interested in working with injured prevention, recognition and immediate care, rehabilitation, health care management and professional development in a sports medicine environment. Athletic training/sports medicine students have the 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 GPA of 2.5 or better;
2. Successful completion of PET 1638 and admission to PET 1941; and,
3. Student must meet all technical standards for admission.

See an academic advisor for details. To qualify to take the NATABOC 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 practice. In the practicum courses, students may be assigned to work with specific medical, food service or community agencies or an adult fitness class.

As a prerequisite for entry into each undergraduate major, students must achieve a grade of ‘C’ or better in all required courses. A course may not be retaken more than twice (for a total of three times).

The following are the specific requirements for each major (or area of emphasis) within the degree of food and nutrition (dietetics, and food and nutrition sciences) and human sciences (exercise science and athletic training/sports medicine).

### 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 X060C 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 1192;
8. MAC 1105 or MAC X142;
9. MCB 2004/2004L or MCB X200C or MCB X200/X200L or MCB X013C;
10. PSY X012 or PSY X020 or PSY X113.

A grade of “C” or better is required in all courses to be counted toward the degree.

### 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, organismal biology, 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: HOE 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 1030; 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 course 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. A course may not be retaken more than twice (for a total of three times).

The following are the specific requirements for each major (or area of emphasis) within the degree of food and nutrition (dietetics, and food and nutrition sciences) and human sciences (exercise science and athletic training/sports medicine).

### Dietetics (General Option)
Lower division: see liberal studies requirements, college core, and dietetics common prerequisites. Upper division: BCH 3023C; DIE 3003, 4244, 4244L, 4315; FAD 4601; FOS 3026, 3026L, 4141C; FSS 4135, 4135; HUN 3224, 3226; and electives (to meet graduation requirements). Students fulfilling DPD requirements must take FSS 4315L.

### Dietetics (Sports Nutrition Option)
Lower division: see liberal studies, college and department core, dietetics common prerequisites. Upper division: BCH 3023C; DIE 3003, 4244, 4244L, 4315; FAD 4601; FOS 3026, 3026L, 4141C; FSS 4135, 4135; HSC 2400; HUN 3224, 3226; PET 3361, 3380C, and electives (to meet graduation requirements). Students fulfilling DPD requirements must take FSS 4315L.

### Dietetics (Gerontology Option)
Lower division: see liberal studies, college and department core, dietetics common prerequisites; use ECO 2013 for economics. Upper division: BCH 3023C; DIE 3003, 4244, 4244L, 4315; FAD 4601; FOS 3026, 3026L, 4141C; FSS 4135, 4135; HSC 2400; HUN 3224, 3226; PET 3361, 3380C, and electives (to meet graduation requirements). Students fulfilling DPD requirements must take FSS 4315L.

### Food and Nutrition Science
Lower division: see liberal studies, college core plus: BCH 2010, 2010L; ECO 2013 or equivalent; CHM 1045, 1045L, 1046, 1046L, 2210, 2211, 2211L; HUN 1201; MAC 1114, 1140, 2311; MCB 2004, 2004L; PHY 2053C; PSY 2012; STA 2122 or 2023.
Upper division: BCH 3023C; CHM 1045/1045L and 1046/1046L or CHM 1030; BCH 3023C; ECO 2013 or equivalent; FSS 4135, 4135; HSC 2400; HUN 3224, 3226; PET 4076; ISS 4934; plus six (6) semester hours from courses approved for the undergraduate certificate in Aging Studies offered by the Pepper Institute on Aging; and electives (to meet graduation requirements). Students fulfilling DPD requirements must take FSS 4315L.

### Exercise Science (Exercise Physiology Option)
Lower division: see liberal studies and college core plus: BSC 2010, 2010L; ECO 2013 or equivalent; CHM 1045, 1045L, 1046, 1046L, 2210, 2211, 2211L; HUN 1201; MAC 1114, 1140, 2311; MCB 2004, 2004L; PHY 2053C; PSY 2012; STA 2122 or 2023.
Upper division: BCH 3023C; CHM 1045/1045L and 1046/1046L or CHM 1030; BCH 3023C; ECO 2013 or equivalent; FSS 4135, 4135; HSC 2400; 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 (Nutrition and Fitness Option)
Lower division: see liberal studies and college core plus: CGS 2060; CHM 1030,
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 3003. Introduction to Dietetics (1,3). (SU/grade only.) An introduction to dietetics, the professional opportunities for Registered Dietitians, and the role of the American Dietetic Association. Consult instructor.
FOS 1003. Food Science and Technology (3). Introduces basic food science vocabulary, processing techniques, and quality assurance techniques to prepare students for professional opportunities. An elective course for non-majors.
FOS 3935. Food and the Consumer (3). Prerequisites: CHM 1030 or CHM 1033; HUN 1201; HUN 3224. Focuses on the relationship between food and personal well-being. Emphasizes aspects of nutrition, diet, fitness and health/wellness in the sports medicine setting. Formal admission to the athletic training/sports medicine curriculum is required. May be repeated when topics change to a maximum of four (4) semester hours.
FOS 4114C. Food Science (4). Prerequisites: CHM 2200C; FOS 3026, 3026L. Chemistry of foods and their behavior during processing. Assessment of food quality. May be repeated when topics change to a maximum of four (4) semester hours.
FSS 4315. Institutional Food Economics (3). Prerequisites: DIE 3003; FOS 3026. Managerial concepts and administration concerns involved with institutional food services.
FSS 4351L. Institutional Organization and Administration Laboratory (3). FSS 4315; FOS 3026. Laboratory experiences in the application of management concepts to institutional food administration.
HSC 4726. Health/Wellness & Risk Reduction (3). Emphasis is on positive lifestyle practices to reduce one’s risk for disease and for the maintenance of health and vitality. Topics include health behavior, stress, psychological health, chronic diseases, sexually-transmitted infections, immunology, and psychoactive substance use and abuse.
HSC 4999T. Tutorial in Health Promotion (1,3). (SU/grade only.) Small group discussions or project work. Topics selected in contemporary issues or current research. Maximum enrollment of ten (10) students per tutorial. May be repeated when topics change to a maximum of four (4) semester hours.

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 complete a senior thesis which usually involves 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.

Requirements for a Minor in Food and Nutrition or in Nutrition and Fitness

A minimum of twelve (12) semester hours are required for a minor. Students should be aware that many courses have additional prerequisites.

A minor in nutrition and food science must include HUN 1201; DIE 3003 or FOS 3026; plus any six (6) hours from PET 3322C; FOS 4114C or any courses with pre/requisites HUN or DIE.

A minor in exercise science must include HUN 1201; PET 3322C, 3368, and 3380C, and any other upper-level PET course in the department.

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.

Advanced Undergraduate Courses

DIE 4225C. Diet Assessment (3). Prerequisite: Senior status. This elective for dietetics majors focuses on diet assessment in the computer lab using commercially available software. Emphasizes the strengths and weaknesses of different methods of recording food intake and food composition data and the standards used to judge adequacy.
DIE 4244. Nutrition in Disease (3). Prerequisites: HUN 2224 or BCH 3023; PET 3322C; or BSC 306E. Corequisites: HUN 3226. Metabolism in disease and the adaptation of diet in the treatment or prevention of disease.
DIE 4244L. Nutrition in Disease Laboratory (1). Prerequisite: DIE 3003. Corequisite: DIE 4244. Application of the principles and concepts of nutrition therapy to meet nutritional, psychological, and sociocultural needs.
DIE 4315. Community Nutrition (3). Prerequisites: HUN 1201 ("B-" or better); DIE 3003. The planning, implementation, and evaluation of community nutrition programs in the community; public nutrition policy formulation.
FOS 3026. Foods (3). Prerequisites: HUN 1201 ("B-" or better); CHM 1030. Introduction to the physicochemical properties of foods and the relationship of these properties to preparation techniques and food quality. Management and service of food.
FOS 3026L. Foods Laboratory (1). Prerequisite or Corequisite: FOS 3026. Introduction to the physicochemical properties of food and the relationship of these properties to preparation techniques and food quality. Management and service of food.

Academic Programs
HUN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

HUN 4914r. Tutorial in Nutrition (1). (S/U grade only.) Small group discussion and work. Topics selected in contemporary issues or current research. Maximum enrollment of ten (10) students per tutorial. May be repeated when topics change to a maximum of four (4) semester hours.

HUN 4931. Honors Seminar (1).

HUN 4941r. Nutrition Practicum (1–4). (S/U grade only.) Prerequisite: 2.50 GPA. Supervised field experience with a selected government or nongovernment agency at the local or state level. May be repeated to a maximum of four (4) semester hours.

PET 3361. Nutrition and Sports (3). Prerequisites: HUN 1201 ("B" or better) and PET 3322C. The effects of sports training upon individual nutrient stores and requirements. The effects of nutrient intake upon sports performance.

PET 3380C. Applied Exercise Physiology (4). Prerequisite: PET 3322C. The nature of muscular, metabolic, cardiovascu lar, and respiratory adjustment to acute and chronic exercise.

PET 3621. Athletic Training I (3). Prerequisite: HSC 2400; Corequisite: PET 3322C. Basic topics and issues pertaining to athletic training as established by the National Athletic Trainers’ Association. Treatment and rehabilitation of athletic injuries will be introduced.

PET 3627C. Therapeutic Exercise-Rehabilitation (3). Prerequisite: PET 3621. Problems of athletic injuries and assessment and treatment techniques. Range of motion and flexibility; goniometric measurement; manual therapy techniques; muscle strengthening; plyometrics; proprioception; postural correction and ambulation techniques; muscle stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

PET 3636C. Orthopedic Assessment - Upper Extremity (3). Prerequisites: PET 2942, 4623, 4632C. Corequisite: PET 3636C. Athletic training/sports medicine students examine various exercise and rehabilitation topics including the following: concepts of healing; evaluation and assessment techniques; range of motion and flexibility; goniometric measurement; manual therapy techniques; muscle strengthening; plyometrics; proprioception; postural correction and ambulation techniques; muscle stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

PET 3636C. Orthopedic Assessment - Lower Extremity (3). Prerequisites: PET 2942, 3627C, 3635, 4623, 4632C. 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, eye, face, nose, throat, mouth, teeth, cervical spine, head, and neck.

PET 3660. 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 resources management, risk management, professional development activities, and a research presentation on a related topic. All students enrolled in this course must show current certification as an athletic trainer.

PET 3904r. Sports Medicine Practicum (0–6). This course is designed for students interested in research and professional development activities in athletic training/sports medicine. Topics selected in contemporary issues or current research. Maximum enrollment of nine (9) students per practicum. May be repeated to a maximum of six (6) semester hours.

PET 3943. Athletic Training/Sports Medicine Clinical III (1). Prerequisite: PET 2942. This course is an introduction and evaluation of athletic training/sports medicine clients related to the following: nutrition, exercise physiology, biomechanics, and motor behavior. Consult in structure. May be repeated as content changes to a maximum of six (6) semester hours.

PET 3944. Athletic Training/Sports Medicine Clinical IV (1). Prerequisite: PET 3943. This course is an introduction and evaluation of athletic training/sports medicine clients related to the following: nutrition, exercise physiology, biomechanics, and motor behavior. Consult in structure. May be repeated as content changes to a maximum of six (6) semester hours.

PET 3944r. Athletic Training/Sports Medicine Clinical V (1). Prerequisite: PET 3944. 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 3947. Athletic Training/Sports Medicine Clinical VI (1). Prerequisite: PET 3947. Athletic training/sports medicine students in this course observe practitioners in the allied and affiliate site settings, including medical doctors, nurse practitioners, pharmacists, chiropractors, and other certified athletic trainers, and others in the sports medicine setting.

PET 3948r. 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 be repeated to a maximum of six (6) semester hours with permission of the instructor.

Graduate Courses


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 6515C. 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 5802L. Research Design and Methodology (2).

HUN 6930r. Supervised Research Seminar (1–4).

HUN 5910r. Supervised Research (1–3). (S/U grade only.)

HUN 5930r. Food and Nutrition Seminar (1–4).

HUN 5938c. 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 6940r. Seminar in Food and Nutrition Science (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 5054C. Motor Skill Learning (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 6368. 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 regarding graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of OCEANOGRAPHY

COLLEGE OF ARTS AND SCIENCES

Chair: Nancy Marcus; Professors: Burnett, Chanton, Clarke, Dewar, Froelich, Huettel, Iverson, Krishnamurti, Landing, Marcus, Nof, O’Brien, Speer, Stern, Thistle, Weatherly; Associate Professor: Kostka; Assistant Professors: Dittman, Nowacek, St. Laurent; Director, Edward Ball Marine Laboratory: Iverson; Director, Women in Math, Science, and Engineering Program: Marcus; Professors Emeriti: Hseuh, Sturges, Winchester

The Department of Oceanography offers no undergraduate major; however, undergraduate programs in the Departments of Chemistry and Biochemistry and Physics provide interdisciplinary options in oceanography. Undergraduates interested in pursuing a graduate degree in oceanography at The Florida State University may use the information below for proper preparation in each of the four areas of specialization in oceanography.

General Undergraduate Preparation. Students should complete one year of college physics, one year of college chemistry, and one year of calculus.

Specialty Undergraduate Preparation. Biological: one year of organic chemistry, bachelor of science (BS) or bachelor of arts (BA) in biology. Chemical: BS or BA in chemistry, differential equations. Geological: BS or BA in geology. Physical: BS or BA in physics, chemistry, geology, geophysics, meteorology, or mathematics, or a BS in engineering; intermediate or advanced mechanics; differential equations; advanced calculus, including vector calculus; partial differential equations.

Definition of Prefixes
ISC — Interdisciplinary Sciences
MAP — Mathematics Applied
OCB — Biological Oceanography
OCC — Chemical Oceanography
OCE — General Oceanography
OCG — Geological Oceanography
OCP — Physical Oceanography
PEN — Physical Education Activities (General): Water, Snow, Ice
PSC — Physical Sciences

Undergraduate Courses

Elementary

ISC 2003. Global Change, Its Scientific and Human Dimensions (3). Prerequisites: Two years high school science, two years high school math. Global environmental change, scientific and human dimensions, and international public policy implications.

OCE 1001. Elementary Oceanography (3). Prerequisites: MGF 1106 or 1107. Structure and motion of the ocean and its environment, properties, populations, and energy budget. Not intended for upper-division science or mathematics majors. Upper-division science or mathematics majors are encouraged instead to take OCE 4011.

PSC 2800C. Earth Science for EC/EE Teachers (4). For a complete description, see interdisciplinary science courses listed in the “College of Arts and Sciences” chapter of this General Bulletin.

Science Preparatory

ISC 4931r. Special Topics in Environmental Science (1–3). Analyzes new scientific developments in the Earth’s changing environment system and its links to human activities and policies. An emphasis on ocean, atmosphere, and terrestrial environments, and the human dimensions of their change will strengthen students’ interdisciplinary understanding of environmental science. Specific topics will vary from year to year. May be repeated to a maximum of nine (9) semester hours.


Advanced

OCE 4637. Marine Benthic Ecology (3). Prerequisite: ZOO 4203C or as a corequisite with permission of instructor. The physical setting and ecological organization of the communities found in the rocky intertidal, in the fouling habitat, on sandy beaches, in subtidal soft bottoms, and in the deep sea are presented through lectures, substantial reading, and class discussions.

OCE 4802. Basic Chemical Oceanography (3). Prerequisites: CHM 1046. Chemical composition of seawater, carbon dioxide system, nutrients, trace elements, and biogeochemical cycles.

OCE 4017r. Current Issues in Environmental Science (5). Taught at an introductory level, this class includes discussions of current, major, ground-breaking research, environmental problems and approaches to solving them. This course consists of presentations by experts on their current research topics or environmental issues. May be repeated to a maximum of six (6) semester hours.

OCE 4058. Geologic Oceanography (3). Structural and oceanographic setting of continents and ocean basins, plate tectonics, ocean margins, marine sediments, and ocean history.

Specialized Instruction

OCE 4905r. 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 (3). 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

OCB 5050. Basic Biological Oceanography (3).
OCC 5050. Basic Chemical Oceanography (3).
OCG 5051. Basic Geological Oceanography (3).
OCP 5050. Basic Physical Oceanography (3).

Biological Oceanography

OCE 5515. Marine Microbiology (3).
OCE 5565. Marine Primary Production (3).
OCE 5566. Zooplankton Ecology (3).
OCE 5600. Biological Fluid Dynamics (3). (S/U grade only.)
OCE 5636. Marine Microbial Ecology (3).
OCE 5639. Marine Benthic Ecology (3).

Chemical and Geological Oceanography

OCC 5052. Aquatic Chemistry (3).
OCC 5056. Marine Isotopic Chemistry (3).
OCC 5052. Environmental Chemistry (3).
OCE 5415. Marine Geochemistry (3).
OCE 5416. Organic Geochemistry (3).
OCE 5417. Geochemical Ocean Tracers (3).
OCC 5554. Atmospheric Chemistry (3).
OCE 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 5419C. Advanced Biogeochemistry: Field Methods and Concepts (3).
OCE 5903r. Special Topics in Biological Oceanography (1–3).
OCC 5903r. Special Topics in Chemical Oceanography (1–3).
OCP 5930r. Special Topics in Physical Oceanography (1–3).
OCE 5908r. 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.)
OCE 5939r. Biological Oceanography Seminar (1). (S/U grade only.)
OCC 5939r. Chemical Oceanography Seminar (1). (S/U grade only.)
OCP 5939r. Physical Oceanography Seminar (1). (S/U grade only.)

General

OCE 5009r. Advanced General Oceanography (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

ORGANISMAL BIOLOGY: see Biological Science
Department of PHILOSOPHY

COLLEGE OF ARTS AND SCIENCES

Chair: Russell M. Dancy; Professors: Dancy, Mele, Rawling; Associate Professors: Dalton, Morales; Assistant Professors: Crisp, Ernst, Gert, Nahmias, Visiting Professors: McNaughton, Ruse; Visiting Assistant Professors: Maslen, 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 degrees at all levels.

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 common course 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)
   PHI 3130 Introduction to Symbolic Logic (3)

2. History of Philosophy (6 semester hours)
   Ancient Philosophy—one of:
   PHI 3130 Plato and His Predecessors (3)
   PHI 3140 Aristotle to Augustine (3)

   Modern Philosophy:
   PHI 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)
   PHI 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:
   PHI 3130 Plato and His Predecessors (3)
   PHI 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)

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.
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 with Phi Bidal requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

PHI — Philosophy
PHI — Philosophy of Man and Society
PHP — Philosophers and Schools

Undergraduate Courses

PHI 2010. Introduction to Philosophy (3). An introduction to some of the central problems in philosophy. Students will also learn how to construct and criticize arguments, and develop their own philosophical positions.

PHI 2100. Reasoning and Critical Thinking (3). An introductory logic course intended to provide students with an understanding of how valid and invalid arguments are constructed in order to support conclusions and decisions. The course emphasizes acquisition of the skills necessary to draft clear, persuasive arguments and is particularly useful for those planning further studies in fields such as Law or Business.

PHI 2620. Environmental Ethics (3). An examination of environmental issues past and present, and how they have made an impact upon contemporary society. Also analyzes the historical development of environmental perspectives and the ethical theories that have been generated by these approaches.

PHI 2630. Ethical Issues and Life Choices (3). A course that will draw on ethical theories to explore the major ethical issues that arise when the maker makes decisions about the kinds of activities to engage in and the kind of life to lead. Issues such as those involving life and death (e.g., abortion, euthanasia, animal rights) are considered.

PHI 3130. Introduction to Philosophy of Language (3). An exploration of major philosophical contributions to the understanding of language and its functions in communication. Discussion of the concepts of meaning, truth, reference, understanding, and interpretation. Readings include classics of 20th century philosophy.

PHI 3300. Knowledge and Belief (3). A critical analysis of contemporary theories about the fundamentals of human knowledge: what ought to count as knowledge; how we get it; the roles of certainty, doubt, and skepticism; and the means by which we might maximize it.

PHI 3320. Philosophy of Mind (3). Analysis of central issues in the field of mind. Topics may include: the mind-body problem, the unity of the mind, the nature of consciousness, artificial intelligence, and free will.

PHI 3400. Philosophy of Science (3). A close look at some of the crucial philosophical problems of the sciences as they have developed throughout history, from Aristotle through Galileo, Pasteur, and Einstein, including what methods count as scientific, along with a consideration of how science has changed the world and the role of values.

PHI 3420. The Social and Political Philosophy (3). A study of the special methodological and value problems that arise when human beings engage in the scientific study of themselves as groups and individuals.

PHI 3641. Business Ethics (3). An identification and a discussion of definable solutions for moral and ethical problems as they arise in the conduct of business and economic transactions. International business settings and the ethical problems arising from the need to design products and services that appeal to diverse national and world populations are considered.

PHI 3670. Ethical Theory (3). A study of the nature of morality and moral reasoning through critical analyses of the writings of classical and contemporary ethical theorists.

PHI 3700. Philosophy of Religion (3). Analysis of major issues in philosophy of religion. Topics may include the rationality of religious belief, religious experience of God, religious language, evil, the relation between religion and morality. Also offered by the Department of Religion.

PHI 3800. Supervised Teaching (1–5). (S/U) Prerequisite: PHI 3320. An introduction to central issues in philosophy of the arts and aesthetics. Topics may include the nature of beauty, the nature of art, realism in painting, interpretation in literature, the nature of dance, and expressiveness in music. Readings include both historical and contemporary sources.

PHI 3881. Philosophy of Music (3). An introduction to the contemporary literature regarding the philosophy of music. Questions posed include: What is music? Does music express emotion? How does one “understand” music? Why can cross-cultural understanding of music be difficult? What constitutes an authentic performance?

PHI 4137. Modern Logic II (3). Prerequisite: PHI 4134. An advanced course in modern symbolic logic. Topics discussed include modal logic, the semantics of everyday language, metaphysical issues, and the applications of logic to philosophy.

PHI 4500. Metaphysics (3). Critical consideration of recent philosophical work from a variety of points of view on the topics of logic, language, mathematics, numbers, space, time, mind, mind, matter, identity, names, and descriptions, order-type, logic theory, the ancestral, the Frege-Russell definition of natural number, and Gödel’s incompleteness results.

PHI 4905e. Selected Individual Study (1–3). May be repeated to a maximum of three (3) semester hours.

PHI 4912r. Honors Work (3). May be repeated to a maximum of twelve (12) semester hours.

PHI 4930r. 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.

History of Philosophy

PHI 3601. 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 3330. Plato and His Predecessors (3). Ancient Greek philosophy from its beginning to the work of one of its greatest practitioners. Questions posed include: What is philosophy? What can I know? What should I do? A critical study of the thought of Plato, Aristotle, and their followers.

PHI 3340. Aristotelian 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 3340. Modern Philosophy (3). A critical study of the theories of 17th- and 18th-century Western philosophers through a careful examination of representative works from both the empiricist and rationalist traditions.

PHI 3500. The Social and Political Philosophy (3). An exploration of the diverse styles, ideas, and systems of such philosophers as Hegel, Kierkegaard, Schopenhauer, Marx, Mill, Freud, and Nietzsche.

PHI 3700r. American Philosophy (3). An examination of major trends in American philosophy from Jonathan Edwards and the Puritans to the 19th century American idealism and the pragmatic movement with emphasis on Peirce, James, and Dewey. May be repeated once with the permission of the instructor to a maximum of six (6) semester hours.

PHI 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 phenomenologists, Heidegger, Sartre and his successors. May be repeated with permission of instructor to a maximum of nine (9) semester hours.

Social and Political Philosophy

PHI 2121. Philosophy of Race, Class and Gender (3). Concentration on contemporary philosophical discussions of race, class, and gender. Topics include the analysis of key institutional and legal problems and social issues (e.g., identity, sexuality, violence, social change).

PHI 3250. Introduction to Political Philosophy (3). An introduction to the main issues in political philosophy: the justification of political authority, role of law, political obligation, multiculturalism, disobedience, revolution, rights, and the appropriate ends of government, patterns of distribution and justice.

PHI 3123. Philosophy of Feminism (3). A comprehensive study of thought and issues in feminist philosophy, with emphasis on feminist politics and ethics. Liberal, socialist, Marxist, and radical feminism and their differing views about equality and subjectification are discussed. Criticisms of new traditionalist theories from women of color and of “difference” theorists are analyzed. Also considered are problems of particular concern to feminists: family, sexuality, occupational freedom, harassment, rape, pornography, and domestic violence.

PHI 4607. Modern Political Thought (3). Major political ideas of the modern world emphasized through a study of selected political theorists such as Machiavelli, Hobbes, Locke, Rousseau, Hume, 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.

PHI 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 natural law, positivism, realism (including the law and economics movement), and critical legal studies (including stoic 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 contemporary issues such as ethical issues, equality, liberty, privacy, and punishment.

PHI 4340r. Contemporary Political Thought (3). An exploration of a set of issues, a trend, or a school of thought in political philosophy. May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

Philosophers and Schools

PHI 3510. Introduction to Marxist Philosophy (3). A critical overview of the premises and theses of Marxism concerning the understanding of history, economic realities, and socialist ideologies as found in the principle works of its founders.

PHI 3786. Existentialism (3). An introduction to existential philosophy and the 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.

PHI 4930r. Studies in Major Philosophers (3). A detailed study of a major philosopher (e.g., Plato, Aristotle, Kant, Marx), in advanced philosophical topics. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

PHI 5105r. Greek Philosophy (3).

PHI 5400r. Modern Philosophy (3).

PHI 5500r. 19th-Century Philosophy (3).

PHI 5600r. Contemporary Philosophy (3).

PHI 6000r. Studies in the History of Philosophy (3).

PHI 5135r. Modern Logic I (3).

PHI 5136r. Modern Logic II (3).

PHI 5555r. Core Topics in Metaphysics and Epistemology (3).

PHI 6665. 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).
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 and teaching. There are also many opportunities for interdisciplinary research, particularly in the Center for Materials Research and Technology (MATRECH), the National High Magnetic Field Laboratory (NHMFL), the School of Computational Science and Information Technology (SCIT), the Institute of Molecular Biophysics (IMB), and, as a separate degree program, in Chemical Physics. Available experimental facilities include the following: a 9.5 MV Super FN Tandem Van de Graaff accelerator with superconducting post accelerator, the RESOLUT radioactive beam facility, a state-of-the-art gamma spectroscopy array, electron spin resonance and electron double nuclear resonance spectrometers, a detector development laboratory for high-energy particle detectors, liquid helium refrigerators, thin film preparation facilities including sputtering and laser ablation, ultrahigh vacuum instrumentation including surface analysis (CL, Auger, optical) and molecular beam epitaxy, synthesis and characterization facilities for novel materials, three X-ray diffractometers with various sample stages for high and low temperature studies, multi-sample analysis and small angle studies, scanning electron, tunneling, and optical microscopes with image analysis, SQUID and vibrating sample magnetometers, and a helium atom surface scattering facility. The NHMFL provides a modern infrastructure enabling research in magnetic fields including the highest powered DC fields in the world, mainly used for materials science research; and facilities providing the highest fields in the world for nuclear, ion, electron and electron magnetic resonance spectrometers as well as magnetic resonance imaging.

Computers are an integral part of almost all research programs in the department. The computational infrastructure is upgraded continuously to keep pace with advances in technology. The department is fully connected to the Internet, and maintains a Physics Instructional Computer Laboratory (PICL) for students. In addition to using computers in research, students are expected to utilize numerical methods for problem solving in their course work.

**Programs Offered**

The Department of Physics offers programs leading to the following degrees: bachelor of science (BS), bachelor of arts (BA), master of science (MS), and doctor of philosophy (PhD). There is a targeted, five (5) year program of study leading to both BS and MS degrees in computational physics. An undergraduate interdisciplinary program is designed to prepare students to work in areas that combine physics with other fields. The departmental course offerings include courses for non-science majors, courses for non-physical science majors, courses for K-12 educators, and courses for physical science majors. Honors work is available. Details may be obtained from the chair of 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 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 1045/1045L or CHM 1040 and CHM 1041 or CHM 1045C or CHM 1045E;
2. CHM 1046/1046L or CHM 1046C or CHM 1046E;
3. MAC 2311 or MAC X281;
4. MAC 2312 or MAC X282;
5. MAC 2313 or MAC X283;
6. PHY 2048/2048L or PHY 2048C;
7. PHY 2049/2049L or PHY 2049C.
Interdisciplinary Physics Program

1. CHM 1045/1045L or CHM 1040 and CHM 1041 or CHM 1045C and CHM 1045E;
2. CHM 1046/1046L or CHM 1046C or CHM 1046E;
3. MAC 2311;
4. MAC 2312;
5. Choose between the CHM or PHY sequence:
   a) CHM 2210/2211L and CHM 2211/2211L or CHM 2210C and CHM 2211C;
   Or
   b) PHY 2048/2048L and PHY 2049/2049L or PHY 2048C and PHY 2049C or PHY 2053C and PHY 2054C.

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.

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), quantum theory of matter A (PHY 4604), and 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 4151C);
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 4151C [3]);
4. Additional physics courses are required for some interdisciplinary programs. 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) and calculus III (MAC 2313).

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 4151C);
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 4151C [3]);
4. Additional physics courses are required for some interdisciplinary programs. 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) 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 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 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.

Computational Physics BS/MS Program

This five-year program is designed to train graduates in physics and computing. By combining rigorous study in physics with extensive instruction in computer science and computational physics, students acquire formal and practical training in both physics and computing. Consequently, they are prepared for scientific and technical jobs requiring extensive software development and/or computing.

At the end of five years, students obtain a bachelor of science degree major in physics, a dual minor in computer science and mathematics, and a master of science degree in physics. Students may select either a thesis or a non-thesis MS program.

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

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Undergraduate Courses

- **ISC 3121**: Science, Technology, and Society (3).
- **SCE 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.

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 other stars; structure of galaxies and of the universe as a whole. (Arts and sciences 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,
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 one-semester course. Calculus is used. Course consists of lectures, recitations, and laboratory. A student who has taken PHY 2053C or an equivalent course may take PHY 2048 rather than 2048C. (Must sign up for PHY 2048L.)

PHY 2048: General Physics A without Laboratory (3). Same course as PHY 2048C, except that the student does not take the laboratory. May only be taken by students who have passed PHY 2053C or an equivalent course. The course must include laboratory work similar to PHY 2048L. 

PHY 2049C: General Physics B (5). Prerequisite: PHY 2048C or 2048 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 2048C or an equivalent course may take PHY 2049 rather than 2048C. (Must sign up for PHY 2049L.)

PHY 2049: General Physics B without Laboratory (3). Same course as PHY 2049C, except that the student does not take the laboratory. May only be taken by students who have passed PHY 2053C or an equivalent course. The course must include laboratory work similar to PHY 2049L. 

Required Courses for Majors

PHY 3101: Intermediate Modern Physics (3). Prerequisite: PHY 2048C or 2048. Introduction to quantum theory, properties of light and matter, origins of the universe.


PHY 3112: Mathematical Physics (3). Prerequisite: PHY 2049, PHY 2049C, or PHY 2053C. Corequisite: MAC 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 2048C. Geometrical optics, wave optics, optical instrumentations, properties of light, lasers, fiber optics.

PHY 4241: Advanced Dynamics (3). Prerequisites: PHY 3221, 4322. This course examines a variety of topics including Hamiltonian dynamics and electrodynamics of particles, waves in continuous media, relativistic dynamics, and quantum electrodynamics.


PHY 3300: Phenomena in Condensed Matter Physics (3). Prerequisites: MAP 2302 or 3305; PHY 3101. Topics to be covered include electronic conduction in metals, superconductivity, semiconductors, and magnetism.

PHY 3400: Phenomena in Condensed Matter Physics (3). Prerequisites: MAP 2302 or 3305; PHY 3101; or permission of instructor. This course examines the properties of nuclear and particle physics, provides an introduction to the Standard Model, and accelerator and detector techniques.

Laboratory Courses


PHY 3803L: Intermediate Laboratory B (1). Prerequisite: PHY 3802L. Experiments in non-destructive testing, magnetism, spectroscopy, atomic collisions, superconductivity, and advanced electronics.

PHY 4822L: Advanced Laboratory (2). Prerequisite: PHY 3802L. Experiments in quantum physics, astrophysics, and other areas of modern physics. Students are expected to work without detailed instructions. The course may be repeated to a maximum of six (6) semester hours for special projects arranged in advance between the student and the instructor.

PHY 4151C: Computational Physics Laboratory (3). Prerequisite: MAC 2306 or MAC 2312 or MAP 3105. Corequisite: PHY 2048. An introduction to the use of computers to solve computationally intensive problems, including basic instruction in physics problems, solving using numerical solutions of differential equations, numerical integration, Monte Carlo methods, linear algebra and symbolic algebra. Provides instruction in computational science and engineering, and in software development using programming languages and scientific computing.

Other Courses

PHY 1099C: Exploring Physics (1). S/U grade only. This course is designed to introduce 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 4909: Communication in Physics (2). Prerequisite: PHY 2048. This course covers a variety of methods of communication, including written and oral presentation, and print publications. May be repeated to a maximum of two (2) semester hours.

Research and Special Topics

PHY 3936R: Special Topics in Physics (1–3). S/U grade only. May be repeated to a maximum of twelve (12) semester hours.

PHY 3949R: Cooperative Work Experience (0). S/U grade only. May be repeated to a maximum of forty-five (45) semester hours. Directly Indicated Study [one to three (1–3) hours each]. Each course may be repeated to a maximum of eighteen (18) semester hours.

PHY 4950R: Directed 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 4963R: Special Topics in Physics (3). Prerequisite: PHY 2048. Corequisite: PHY 2053C. Corequisites: PHY 2053C, PHY 3101. Experiments in atomic physics, nuclear physics, and applications of physics to topics of interest, such as relativity, astrophysics, 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 4937T: Undergraduate Tutorial in Physics (1–3). S/U grade only. Prerequisite: Upper division undergraduate standing. Selection of topics in modern physics. May be repeated in primary research literature. May be repeated to a maximum of fifteen (15) semester hours. A maximum of eight (8) students allowed in each tutorial.

PHY 4970R: Honors Work (1–6). 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. May be repeated to a maximum of twelve (12) semester hours. May be repeated to a maximum of two (2) semester hours.

Other Courses

PHY 1099R: Discovering Physics (1). S/U grade only. This course is 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 3991: Communication in Physics (2). Prerequisite: PHY 2048. This course covers a variety of methods of communication, including written and oral presentation, and print publications. May be repeated to a maximum of two (2) semester hours.

PHY 3992R: Readings In Physics (1). Readings in physics topics of current or historical interest beyond the core content of PHY 2048 and 2049. May be repeated to a maximum of two (2) semester hours.

PHY 3993R: Advanced Mechanics (3). Prerequisite: PHY 3221. Kinematics and dynamics of rigid bodies, introduction to Lagrangian and Hamiltonian mechanics, dynamics of os- cillations, waves, quantum mechanics, thermodynamics.

PHY 4332: Advanced Electricity and Magnetism (3). Prerequisite: PHY 4322. Applications of Maxwell’s equations, electromagnetic waves, and relativistic electrodynamics.

PHY 4601R: 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 5083C. 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 5157. 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. General Theory of 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).

1. 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 six subfields of study: American government (course prefix is POS), comparative politics (CPO), international relations (INR), political theory (POT); PHM 2300, PHM 3313r and PHM 4340r can be counted as POT courses), public policy (PUP), and public administration (PAD)—PAD courses are listed under 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.

Requirements for a Minor in Political Science

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.

Department of POLITICAL SCIENCE

COLLEGE OF SOCIAL SCIENCES

Chair: Dale L. Smith; Professors: Atkins, Barriey, Berry, Crew, Flanagan, Scholz; Assoicate Professors: Carsey, Cleageett, Hensel, Jackson, Kemp, Kim, Mitchell, Mondak, Moore, Smith; Assistant Professors: Canache, Martin, Souva; Professors Emeriti: Bone, Dye, Flory, Blick, Gray, Palmer, Roady, St. Angelo, Vanderoeft; Affiliated Faculty: Feiock

The political science major 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 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 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 six subfields of study: American government (course prefix is POS), comparative politics (CPO), international relations (INR), political theory (POT); PHM 2300, PHM 3313r and PHM 4340r can be counted as POT courses), public policy (PUP), and public administration (PAD)—PAD courses are listed under 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.

Requirements for a Minor in Political Science

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 listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

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 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 4284. Courts, Law, and Politics (3). Prerequisite: CPO 1041 or consent of instructor. Survey of the judicial system of the U.S. and other countries, and the Supreme Court and state and local courts. Topics include legal education and law careers, role of lawyers in the legal system, and the role of law in government and society.

CPO 4413. The Political Presidency (3). Prerequisite: CPO 1041 or consent of instructor. The power and role of the American presidency and the relations of the President with his coequal branches of government and with the President of its members. The subject includes the election and members of Congress, the functioning of party leaders and congressional committees, the influence of special interests, and the sources of stability and change in Congress.

CPO 4606. The Supreme Court in American Politics (3). Prerequisite: CPO 1041 or consent of instructor. This course reviews the political role of the Supreme Court with particular attention to case law concerning judicial review, commerce power, federalism, and the role of interest groups. May be repeated to a maximum of nine (9) semester hours.

CPO 4624. The Supreme Court, Civil Liberties, and Civil Rights (3). Prerequisite: POS 1041 or consent of instructor. This course focuses more specifically on 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 current political parties of countries such as the Americas, Europe, Asia, and Africa in the context of the American political system, the marketplace of ideas, and the political knowledge base of the American political system. Also focuses on the role of political parties and interest groups.

CPO 3004. Politics of Developing Areas (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes in developing countries. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions. May be repeated to a maximum of nine (9) semester hours.

Comparative Government and Politics: Western Europe (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Western Europe. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Great Britain (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Great Britain. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Latin America (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Latin America. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: The Middle East (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in the Middle East. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Asia (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Asia. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Africa (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Africa. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Other Asia (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Asia. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Other Africa (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Africa. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Other Latin America (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Latin America. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Other Europe (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Europe. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Other Asia (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Asia. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.

Comparative Government and Politics: Other Africa (3). Prerequisite: CPO 2002 or consent of instructor. Course examines the political processes and institutions in Africa. Topics may include political parties, elections, power and politics, political processes, political parties, and political institutions.
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, the 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 economics 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 3233. 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 these policies influence political participation. Topics include vote choice, women as candidates and in elective office, women as appointees, and the differential impact of public policies on women. Focuses as well on the racial and ethnic differences among women with respect to participation, vote choice, recruitment, and behavior once in office.

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 influences.

PUP 4103. Politics of Taxing and Spending (3). Prerequisite: PUP 3002 or instructor permission. Examines public budgeting in the broadest sense. Includes 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 spending and taxing 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.

PUP 4933r. Special Topics in Public Policy (1–3). Prerequisite: PUP 3002 or consent of instructor. Policy analyses of case studies and specific policy areas. May be repeated to a maximum of six (6) semester hours.

Political Theory

PHM 3331r. Modern Political Thought (3). Major political ideas of the modern world emphasized through a study of selected political theories, attention to differentiating modern from ancient and medieval political thought. Also offered by the Department of Philosophy.

PHM 4340r. Contemporary Political Thought (3). Emphasis on current events, trend, 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 theory.

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 3102. Political Thought in Fiction (3). An inquiry into politics and political thought as they appear in fiction, including literature, cinema, theatre, and television.

POT 3501. Politics and Ethics (3). This course examines governing as the process of collective decision-making as a society’s search for public ethics.

POT 4001. Values and Politics: Conflicting World Views and the Issues That Divide Us (3). Prerequisite: any one of: CPO 2002; POS 1041, 2002; POT 3003; POT 3713; or instructor permission. Explores the historical evolution of three competing world views—theism, modernism and post-modernism—beginning in the Middle Ages. Course links this evolution to shifting perspectives in how Americans view their world, especially after 1960. The resulting conflict in world views has given rise to a new agenda of personal values, a political agenda that is redefining the traditional economic issues in public debate. Through class discussions and debates the following issues will be covered: abortion, euthanasia, religion in the schools, pornography, homosexuality, teenage pregnancy, minority rights, feminism, substance abuse, criminal justice, the environment, and personal privacy.

POT 4285. American Political Thought I (3). Course explores and analyzes the major thinkers of American political thought from its beginnings up to the Civil War period. In class discussion, the American political tradition, the making and ratifying of the Constitution, Jeffersonian and Jacksonian democracy, the nature of the union, and the issue of slavery.

POT 4286. American Political Thought II (3). Course explores and analyzes the major thinkers and major themes in American political thought up to the present. Included topics are social Darwinism, Populism, Progressivism, the New Deal and its critics, and post World War II political thought.

POT 4904r. Readings in Political Thought (3). Issues or topics in the general area of political theory determined by the instructor. May be repeated to a maximum of nine (9) semester hours.

Others

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; PUP 3002; POT 3003; 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 3930c. Advanced Undergraduate Seminar (1–3). 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.

POS 3949r. Cooperative Education Work Experience (0). (S/U grade only.) Prerequisite: POS 1041 or consent of instructor. POS 3715. Politics and the Theory of Games (3). Prerequisites: One of the following—CPO 2002; POS 1041; and POS 1041, and completion of the mathematics liberal studies requirement. Game theory, strategic games, and analyzing the behavior of individual and group decision-making which are used to analyze various political phenomena such as the arms race, legislative politics, majority rule in democracy, voting systems and coalition governments.

POS 4905c. 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.

POS 4955c. 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. Contact the department for details on prerequisites and requirements. May be repeated to a maximum of nine (9) semester hours.

Methods of Political Analysis

POS 5325. Game Theory (3).

POS 5375. Social Choice Theory (3).

POS 5717. Political Science Research Design (3).

POS 5737. Political Science Data Analysis (3).

POS 5746. Quantitative Analysis in Political Science (3).

POS 5747. Advanced Quantitative Analysis in Political Science (3).

POS 5915. Political Science Research Practicum (3).

POLITICAL THEORY

POT 5934r. Seminar in Political Thought (3).

POT 5936c. Selected Topics (3).
Department of PSYCHOLOGY

COLLEGE OF ARTS AND SCIENCES

Chair: Janet Kistner, Associate Chair: Berler; Professors: Bailey, Baumeister, Berkley, Brigham, Carbonell, Charness, Contreras, Ericsson, Henderson, Kline, locus, Lang, Lonigan, Madsen, Schmidt, Stephan, Tice, Torgesen, Wagner, Weaver, Zwaan; Associate Professors: Boroto, J. Johnson, Kelley, B. Licht, M. Licht, Meyer, Schatschneider, Wang; Assistant Professors: Dijkstra, Eckel, Loney, Plant, Scheffers, Taylor; Visiting Assistant Professors: Kaschak, Maner; Research Associates in Psychology: Berler, Henderson, Warmath; Associates in Psychology: Akbar, Sachs-Ericsson; Assistants in Psychology: K. Kline, Murphy, Peeler; Administrative and Professional: Bigbie, Donaldson, T. Johnson, Saunders, Associated Faculty: Davis, Ferris, Kerr, Rashotte, Tenenbaum, Walker, Wells; Professors Emeriti: Baker, Housh, Kennedy, Keshalo, Megargee, Miller, Rashotte, Smith

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 two 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 study 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 advisor, please call (850) 644-4260 or contact via email 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 X101;
2. One course (three [3] semester hours) from any level in statistics.

Note: the following prerequisite course, though not required for admission into the upper division major, is required for completion of the degree:
3. One course (three [3] semester hours) in any lower-level psychology class within the psychology inventory.

Admission Requirements for a Major in Psychology

Due to limitations in the number of faculty and physical resources, admission to the undergraduate program in psychology for students who began college work in Fall 1992 or thereafter will be based on a minimum GPA and the successful completion of prerequisite course requirements. Students who began college work prior to Fall 1996 should check with the Psychology Department Advising Office for specific requirements that may apply to them. Admission for students who began college work Fall 1996 or thereafter will be based on the completion of the following requirements.

Note: while some of these recommendations overlap with the State of Florida Common Course Prerequisites (listed above), there are additional requirements for admission to the psychology major.

1. Completion of at least fifty-two (52) semester hours;
2. A minimum GPA of 2.6 in all college-level courses attempted;
3. Be in good academic standing with the University; and,
4. Completion with a “C–” or better of STA 2122 or equivalent, PSY 2012 or equivalent, and one biology course as specified in the common course prerequisites.

Course Requirements for a Major

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

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 taken for credit at The Florida State University or elsewhere will be permitted to continue toward a degree with a major in psychology. Students may repeat no more than one psychology course with a grade less than “C–” to meet this requirement. For example, a student who accumulates four “D” or “F” grades in psychology courses, then receives one more “D” or “F” grade in a psychology course, may elect to repeat that course (or one of the other courses with a grade below “C–”) to improve the grade. If the student succeeds and receives a “C–” or better, he/she may continue in the major. If the student does not get a “C–” or better, he/she will be required to seek another major.

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 follow-up interview with a member of the undergraduate management or for graduate work in organizational behavior. A recommended course listing for graduate studies in psychology and related fields. Students must be admitted into the Honors Program prior to arranging this research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

### Honors in the Major

The Department of Psychology 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 conduct this research under the supervision of a psychology faculty member. Completing an honors project contributes to these twelve (12) elective semester hours in psychology; however, additional hours of directed individual study or research topics may be applied toward graduation.

### 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

Thirty-three (33) semester hours of upper-level psychology courses are required for the major. For students who transfer from another university, sixteen (16) of these thirty-three (33) hours must be taken in residence at FSU. The thirty-three (33) hours must include:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>EXP 3000</td>
<td>Approaches to the Study of Behavior (3) and 3000L, Approaches to the Study of Behavior Laboratory (1);</td>
</tr>
<tr>
<td>2. (2) of the following:</td>
<td></td>
</tr>
<tr>
<td>CLP 4143</td>
<td>Abnormal Psychology (3)</td>
</tr>
<tr>
<td>DEP 3103</td>
<td>Child Psychology (3)</td>
</tr>
<tr>
<td>PPE 3004</td>
<td>Psychology of Personality (3)</td>
</tr>
<tr>
<td>SOP 3004</td>
<td>Social Psychology (3)</td>
</tr>
<tr>
<td>3. (2) of the following:</td>
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</tr>
<tr>
<td>EXP 3202</td>
<td>Sensation and Perception, Laboratory (3, 1)</td>
</tr>
<tr>
<td>EXP 3202L</td>
<td>Conditioning and Learning, Laboratory (3, 1)</td>
</tr>
<tr>
<td>EXP 3503</td>
<td>Cognitive Psychology, Laboratory (3, 1)</td>
</tr>
<tr>
<td>PSB 3004</td>
<td>Physiological Psychology, Laboratory (3, 1)</td>
</tr>
<tr>
<td>4. PSY 4604</td>
<td>History and Systems of Psychology (3)</td>
</tr>
<tr>
<td>5. (1) Behavioral &amp; Systems Neuroscience course (This is not required if EXP 3202 and 3202L or PSB 3004 and 3004L is taken);</td>
<td></td>
</tr>
<tr>
<td>6. Twelve (12) additional semester hours of psychology courses, including a minimum of three (3) semester hours at the 4000-level. A maximum of six (6) semester hours of directed individual study (PSY 4911r-4914r) or research topics (PSY 4920r) may be applied to these twelve (12) elective semester hours in psychology; however, additional hours of directed individual study or research topics may be applied toward graduation.</td>
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</tbody>
</table>

### Requirements for a Minor in Psychology

Twelve (12) semester hours of psychology are required for a minor in psychology. Of these courses, students must be PSY 2012, General Psychology (3). Grades below “C–” will not be accepted for credit toward the minor. A minimum of six (6) of the required semester hours must be completed at The Florida State University. No courses used for satisfying the liberal studies requirements may count toward the minor.

### Areas of Special Emphasis

Several areas of emphasis are available for students, especially those planning a graduate career in psychology or another field of science. The areas are clinical psychology, cognitive psychology, developmental psychology, neuropsychology, social psychology, and performance management. A recommended course listing in each area of emphasis is available from the psychology department’s undergraduate advising office. The recommended curriculum provides students with a strong background in scientific method and content pertinent to their areas of particular interest.

The Certificate in Performance Management is designed for undergraduate students who desire to prepare for a career in business management or for graduate work in organizational behavior management, industrial/organizational psychology or related fields. The program offers students the opportunity to specialize in the application of behavior principles in the workplace or an organizational setting. Students are required to take four (4) courses and earn at least a grade of “B” in each. These courses include EAB 3703, EXP 3422, EXP 3422L, and EIP 4314.

### Bachelor’s Degree in Psychology at Panama City

Students may complete the requirements for the bachelor of science in psychology at the Panama City Campus. Students transferring to the Panama City Campus must have completed an approved AA degree or equivalent; the Panama City Campus offers no courses at the freshman or sophomore levels. Students should refer to the common core requirements for this degree program.

Courses are offered during the day for those wishing to complete the program as full-time students. Evening courses are offered for students whose schedules conflict with daytime courses and wish to pursue a degree on a part-time basis. A master’s degree with a specialty in applied behavior analysis also is offered at the Panama City Campus.

### Admission Requirements at Panama City

For all students who first began college work during the Fall 1996 semester or thereafter, admission requirements for the Panama City Campus include:

1. An approved A.A. degree;
2. A minimum GPA of 2.6 in all attempted courses;
3. Completion with a “C–” or better of STA 2122 or equivalent, PSY 2012 or equivalent, and one biology course as specified in the common course prerequisites.

### Required Upper-Level Courses for a Psychology Major at Panama City

Thirty (30) semester hours of upper-level psychology courses and three (3) semester hours of PSY 2012 General Psychology are required for the major. Please note that PSY 2012 is not offered at the Panama City Campus.

1. The following courses are required for all majors:
   - EXP 3000, Approaches to the Study of Behavior (3)
   - EXP 3000L, Approaches to the Study of Behavior Laboratory (1) (when offered)
   - PSY 4604, History and Systems of Psychology (3)
2. AREA A: Two of the following lecture/lab combinations are required:
   - EXP 3202, 3202L, Sensation and Perception, Laboratory (3, 1)
General Psychology

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. Graduation students will learn the career opportunities available in psychology and related fields.

EXP 3000. Approaches to the Study of Behavior (3). Prerequisites: PSY 2012; STA 2112 or equivalent. Corequisite: EXP 3000L. Introduction to philosophical and methodological approaches to the study of psychology, including the empirical study of mind and behavior, and memory systems, capacity and duration of memory, and basic memorial processes. Applied issues include disorders of memory (e.g., Alzheimer’s disease), repression memories and memory improvement.

EXP 3503. Approaches to Human Learning, Memory, and Higher Mental Processes (3). Prerequisites: EXP 3000/3000L; Corequisite: EXP 3503L. An introduction to the study of learning, memory, and higher mental processes.

Behavioral and Systems Neuroscience

CBH 4304. Behavioral Genetics (3). Prerequisites: EXP 3000/3000L; PSY 2012; introductory statistics course. This course examines the application of genetic methods to human and animal behavior. Genetic methods discussed include twins and adoption as well as molecular studies. Behaviors to be examined include personality, intelligence, and psychopathology.

EXP 3202. Sensation and Perception (3). Prerequisites: EXP 3000/3000L. Corequisite: EXP 3202L. The role of the senses in behavior and the perceptual organization of sensory information.

EXP 3202L. Sensation and Perception Laboratory (1). Prerequisites: EXP 3000/3000L. Corequisite: EXP 3202. It focuses on the principles of sensation and perception.


EXP 3203L. Animal Sensory Processes Laboratory (1). Prerequisites: EXP 3203; Corequisite: EXP 3203L. The role of animal sensory processes in the study of animal senses.

EXP 3242. Conditioning and Learning (3). Prerequisites: EXP 3000/3000L. Corequisite: EXP 3242L. An introduction to the study of conditioning and learning in the laboratory.

EXP 3242L. Conditioning and Learning Laboratory (1). Prerequisites: EXP 3000/3000L. Corequisite: EXP 3242.

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 PSY 3004.)

PSB 3004. Physiological Psychology (3). Prerequisites: PSY 2012; three (3) hours in biology; or permission of instructor. Corequisite: PSB 3004. This course covers the biological basis of behavior and thought.

PSB 4240. Biological Basis of Brain Dysfunction (3). Prerequisites: Junior or senior standing; PSY 2000 or 3004 or an introductory course in biology. This course will examine the biology 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; PSY 2000 or 3004; or three (3) semester hours in biology. Provides students with current knowledge of the 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 the current knowledge and how we can increase our knowledge about the multifaceted (genetic, biological, physiological, psychological, sociocultural) mechanisms underlying pain.

PSB 4710. 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 who develop an eating disorder.

PSY 4850. Biopsychology of Sexual Behavior (3). Prerequisites: PSY 2012; PSY 2000 or 3004, 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. Introduction to Cognitive Science (3). Prerequisite: Permission of instructor. The course focuses on intelligent behavior in humans, animals, and machines and on the mechanisms underlying it. It covers topics such as learning, memory, perception, intelligence, personality, and social behavior.

EXP 3404. Human Memory and Learning (3). Prerequisites: EXP 3000/3000L. Course introduces issues related to human memory and learning, including the empirical study of memory systems, capacity and duration of memory, and basic memorial processes. Applied issues include disorders of memory (e.g., Alzheimer’s disease), repression memories and memory improvement.

EXP 3503. Approaches to Human Learning, Memory, and Higher Mental Processes (3). Prerequisites: EXP 3000/3000L; Corequisite: EXP 3503L. An introduction to the study of learning, memory, and higher mental processes.

CLP 4343r. Current Issues in Clinical Psychology (3). Prerequisites: PSY 2012; junior or senior standing. A study of current issues in clinical psychology. May be repeated for a total of six (6) semester hours.

CLP 4950. Clinical Psychology Field Experience (1). (S/U grade only.) Prerequisites: CLP 4143, permission of instructor.

CLP 3003. Psychological Adjustment (3). Prerequisite: PSY 2012. Human adjustments and the role of their forms of behavior. Abnormal and normal behaviors are stressed. Special emphasis on the determinants of adjustments.


Academic Programs

Accounting

CLP 3305. Accounting and Business Law (3). Prerequisites: PSY 2012; Junior or senior standing. An introduction to the methods, theory, and research in personality.

Public Policy

CLP 4303. Health Psychology (3). Prerequisite: PSY 2012. An introduction to the methods, theory, and research in health psychology.

Theological Studies

CLP 3003. Psychological Adjustment (3). Prerequisite: PSY 2012. An introduction to the methods, theory, and research in psychology.

General Psychology

PSY 2012. General Psychology (3). An introduction to the field of psychology covering such topics as learning, perception, intelligence, personality, and social behavior.

Life-Span Development


CLP 3305. Adolescent Development (3). Prerequisite: PSY 2012. Recent research dealing with adolescents. Emphasis is placed on the influence of growth and on the role of cultural pressures on behavior.

CLP 4204. 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 perspectives and research findings are discussed pertaining to anxiety, depression, autism, conduct disorder, attention-deficit/hyperactivity disorder, and other behavioral disabilities.

CLP 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
### Graduate Courses

#### General

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PSY 5605</td>
<td>History and Systems of Psychology (3).</td>
</tr>
<tr>
<td>PSY 6945</td>
<td>Teaching Psychology Practicum (3).</td>
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#### Applied Behavior Analysis

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EAB 5700</td>
<td>Basic Principles of Behavior (3).</td>
</tr>
<tr>
<td>EAB 5701</td>
<td>Basic Methods of Applied Behavior Analysis (3).</td>
</tr>
<tr>
<td>EAB 5710</td>
<td>Behavioral Analysis in Developmental Disabilities and Autism (3).</td>
</tr>
<tr>
<td>EAB 5711</td>
<td>Behavioral Analysis in Mental Health and Aging (3).</td>
</tr>
<tr>
<td>EAB 5721</td>
<td>Behavioral Analysis in Education and Performance Management (3).</td>
</tr>
<tr>
<td>EAB 5780</td>
<td>Ethical and Professional Issues in Applied Behavior Analysis (3).</td>
</tr>
<tr>
<td>EAB 5796</td>
<td>Research Methods in Applied Behavior Analysis (3).</td>
</tr>
<tr>
<td>EAB 5940</td>
<td>Applied Behavioral Analysis Practicum (3). (S/U grade only.)</td>
</tr>
<tr>
<td>EAB 5941</td>
<td>Applied Behavioral Analysis Practicum (3). (S/U grade only.)</td>
</tr>
<tr>
<td>EAB 5942</td>
<td>Applied Behavioral Analysis Practicum (3). (S/U grade only.)</td>
</tr>
<tr>
<td>EAB 6130r</td>
<td>Seminar on Skinner’s Theory of Behaviorism (3).</td>
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#### Clinical: Personality

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<tbody>
<tr>
<td>CLP 5195</td>
<td>Theories of Psychotherapy (3).</td>
</tr>
<tr>
<td>CLP 5196</td>
<td>Techniques of Behavioral Change (3).</td>
</tr>
<tr>
<td>CLP 5375</td>
<td>Concepts and Methods of Clinical Psychology (3).</td>
</tr>
<tr>
<td>CLP 5475</td>
<td>Child Psychopathology and Intervention (3).</td>
</tr>
<tr>
<td>CLP 5624</td>
<td>Ethics and Standards of Professional Practice (S/U grade only).</td>
</tr>
<tr>
<td>CLP 5932</td>
<td>Law and Ethics (3).</td>
</tr>
<tr>
<td>CLP 5941r</td>
<td>Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only).</td>
</tr>
<tr>
<td>CLP 5942r</td>
<td>Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only).</td>
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<tr>
<td>CLP 6169</td>
<td>Abnormal Psychology for Graduate Students (3).</td>
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<tr>
<td>CLP 6349r</td>
<td>Seminar in Clinical Theory (3).</td>
</tr>
<tr>
<td>CLP 6920r</td>
<td>Current Issues in Clinical Psychology (1). (S/U grade only).</td>
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<tr>
<td>CLP 6944r</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>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>
</tr>
<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).</td>
</tr>
<tr>
<td>PSY 6948r</td>
<td>Psychology Internship (1–6). (S/U grade only).</td>
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### Human Learning and Cognition

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<tr>
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<tbody>
<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>
</tr>
<tr>
<td>EXP 6609r</td>
<td>Seminar in Higher Mental Processes (3).</td>
</tr>
<tr>
<td>EXP 6920r</td>
<td>Issues in Cognitive Science (1). (S/U grade only.)</td>
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### Life–Span Development

<table>
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<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>DEP 5165</td>
<td>Developmental Psychology (3).</td>
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### Psychobiology/Neuroscience

<table>
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<tbody>
<tr>
<td>EXP 5406</td>
<td>Conditioning and Learning (3).</td>
</tr>
<tr>
<td>EXP 5717</td>
<td>Animal Psychophysics (3).</td>
</tr>
<tr>
<td>PCB 5845</td>
<td>Cell and Molecular Neuroscience (4).</td>
</tr>
<tr>
<td>PSB 5056</td>
<td>Biological Psychology (3).</td>
</tr>
<tr>
<td>PSB 5057</td>
<td>Neuroscience Methods: Molecules to Behavior (2). (S/U grade only.)</td>
</tr>
<tr>
<td>PSB 5077</td>
<td>Responsible Conduct of Research (2).</td>
</tr>
<tr>
<td>PSB 5216</td>
<td>Anatomy of the Nervous System (3).</td>
</tr>
<tr>
<td>PSB 5218L</td>
<td>Neuroanatomy Laboratory (1).</td>
</tr>
<tr>
<td>PSB 5231L</td>
<td>Comparative Neuroanatomy Laboratory (1).</td>
</tr>
<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>
</tr>
<tr>
<td>PSB 6070r</td>
<td>Current Problems in Neuroscience (2). (S/U grade only.)</td>
</tr>
<tr>
<td>PSB 6920r</td>
<td>Neuroscience Colloquium (1). (S/U grade only.)</td>
</tr>
<tr>
<td>PSB 6933r</td>
<td>Seminar in Neuroscience (1–2).</td>
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### Multiple Areas

#### Multiple Areas Courses

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<tbody>
<tr>
<td>PSY 5908r</td>
<td>Directed Individual Study (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>PSY 5916r</td>
<td>Selected Research Topics (3).</td>
</tr>
<tr>
<td>PSY 5917r</td>
<td>Supervised Research (1–5). (S/U grade only)</td>
</tr>
<tr>
<td>PSY 5947r</td>
<td>Supervised Teaching (1–5). (S/U grade only)</td>
</tr>
<tr>
<td>PSY 5973r</td>
<td>Thesis (1–6). (S/U grade only).</td>
</tr>
<tr>
<td>PSY 6656r</td>
<td>Preliminary Examination Preparation (1–9). (S/U grade only)</td>
</tr>
<tr>
<td>PSY 6919r</td>
<td>Seminar in Current Research Topics (1–3).</td>
</tr>
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</table>

For listings relating to graduate course work for theses, dissertations, and master's and doctoral examinations and defense, consult the Graduate Bulletin.

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### Behavioral-Performance Management

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EAB 5703</td>
<td>Applied Behavior Analysis (3).</td>
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<tr>
<td>INP 3303</td>
<td>Business Psychology (3).</td>
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<tr>
<td>INP 3313</td>
<td>Behavior Analysis in Business and Industry (3).</td>
</tr>
<tr>
<td>INP 4314</td>
<td>Advanced Topics in Performance Management (4).</td>
</tr>
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### Multiple Areas

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ISC 3076</td>
<td>Science, Technology, and Society (3).</td>
</tr>
<tr>
<td>PSY 3949r</td>
<td>Cooperative Education Work Experience (0). (S/U grade only.)</td>
</tr>
<tr>
<td>PSY 4039r</td>
<td>Honors Work (1–4).</td>
</tr>
<tr>
<td>PSY 4911r–4914r</td>
<td>Directed Individual Study (one to three [1–3] hours each). (S/U grade only.)</td>
</tr>
<tr>
<td>PSY 4920r</td>
<td>Research Topics (1–3).</td>
</tr>
<tr>
<td>PSY 4920r</td>
<td>Special Topics in Psychology (3).</td>
</tr>
<tr>
<td>PSY 4970r</td>
<td>Honors Seminar (1).</td>
</tr>
<tr>
<td>SCE 4939r</td>
<td>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.</td>
</tr>
</tbody>
</table>
Reuben O’D. Askew
School of
PUBLIC ADMINISTRATION
AND POLICY

COLLEGE OF SOCIAL SCIENCES

Director: Frances S. Berry; Professors: Askew, Berry, Bowman, Bradley, deHaven-Smith, Feiock, Guy, Klay, Reid, Associate Professors: Boggess, Chackerian, Crispo, Greenfield, Lynch, Parry; Professors Emeriti: Chackerian, 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)

One of the following Department of Political Science courses may be substituted for one of the above: state politics, urban politics, Florida government and the American presidency.

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 undergraduate 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, the School of Social Work, the School of Criminology and Criminal Justice, the School of Urban and Regional Planning, 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.

Public administration courses often serve as an area of specialization within other degree programs. The graduate 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 3931c. Selected Topics in Public Administration (1–6). Varying topics. Contact school. May be repeated to a maximum of nine (9) semester hours. (S/U grade only.)

PAD 3941c. Public Service Internship (3–6). (S/U grade only.) Contact school. May be repeated for credit. Internship with faculty supervision on campus or community settings.

PAD 4023. Budgets and Finances in Managing Public Affairs (3). Concepts and practices in budgeting and financial processes such as planning, goal setting, and implementation.

PAD 4332. Strategic Leadership for Communities (3). This course will introduce the principles and skills of strategic leadership roles and responsibilities in managing community planning and change also will be covered.

PAD 4391. Foundations in Emergency Management (3). This course is designed to introduce students to the fundamental concepts, theories, principles and practices of emergency management.

PAD 4400. Emergency Management Programs, Planning, and Policy (3). This course examines functional demands that emergency managers should be aware of in crafting emergency management programs. Students investigate how public policy choices impact emergency planning and the consequences of a disaster event.

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 theory, design, and implementation of quality management systems in public organizations compared to that in other sectors of the economy. Examines the need for 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 4600. 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 4895c. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

PAD 4936c. Special Topics in Public Administration (3). Topics will vary. May be repeated to a maximum of nine (9) semester hours.

POS 4106. The American Presidency (3). The role 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. Ethics and Public Administration (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 5327. Public Service Internship (3–6).

PAD 5335. Strategic Leadership for Communities (3).

PAD 5352. Environmental Policy and Management (3).

PAD 5397. Fundamentals of Emergency Management (3).


PAD 5417. Human Resource Management (3).

PAD 5419. Issues in Human Resource Management (3).

PAD 5427. Public Labor Relations (3).


PAD 5605. Administrative Law (3).

PAD 5700. Research Design (3).

PAD 5700L. Research Design Laboratory (0). (S/U grade only.)

PAD 5701. Quantitative Analysis in Public Administration (3).

PAD 5701L. Quantitative Analysis in Public Administration Laboratory (0). (S/U grade only.)

PAD 5826. Intergovernmental Management and Relations (3).

PAD 5846. Health Policy and Public Administration (3).

PAD 5907c. Directed Individual Study (1–3). (S/U grade only.)

Definition of Prefixes

PAD — Public Administration
POS — Political Science
### Department of RELIGION

**College of Arts and Sciences**

Chair: John Kelsay; Professors: Corrigan, Kelsay, Twiss; Associate Professors: Erndl, Levenson; Assistant Professors: Cuevas, Kalbien, Kangas, Kavka, Kelley, Koehlinger; Visiting Professor: Porterfield; Professors Emeriti: Carey, Jones, Moore, Rubenstein, Sandon, Wellborn

Since its founding in 1965, the Department of Religion at The Florida State University has been a leader among America’s public institutions in the academic study of religion. The department offers instruction in 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 committed to offering several liberal studies honors courses and honors augmented courses each semester. Members of the department regularly teach in the Bryan Hall living and learning community. Our 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. While some religion majors and minors go on to graduate work and positions in the various areas of religion and religious studies, the issues and methods encountered are applicable to a number of different professional fields and interests.

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.

### College Requirements

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, 4290r, 4223, 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.

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### RADIO/TELEVISION:

see Communication

### READING EDUCATION AND LANGUAGE ARTS:

see Elementary and Early Childhood Education

### REAL ESTATE:

see Risk Management/Insurance and Real Estate and Program in Business Law

### REHABILITATION SERVICES:

see Special Education

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**

Religion majors must complete twelve (12) semester hours in an approved departmental field.

### 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 Honors 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, Asian 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; History; History Industry; Philosophy; and Sociology. Students undertaking a major or minor in religion should discuss such courses with the undergraduate advisor in religion.

Minor in Religion

Students wishing to minor in religion must take a minimum of twelve (12) semester hours of credit. At least six (6) semester hours of credit must be earned in courses at the 3000 level or higher. Courses in which the student receives a grade below “C−” will not be counted toward the minor. As they develop their minor, students should consult with the undergraduate advisor in religion.

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 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, revelation, existence, nature of God, immortality. Also offered by the Department of Philosophy.

REL 1300. Religions of the World (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 3128r. Topics in Religion in the Americas (3). Pre-require: 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 in the modern period. The course is divided into two parts: 1) the psychology of religion and 2) the sociology of religion.
REL 3146. Gender and the Bible (3). This course will examine female figures and images of the Bible, while surveying the role of women in the historical development of religious thought. Special attention will be given to the production of knowledge about gender in biblical history.
REL 3170. Topics in Ethics and Moral Problems (3). A discussion of contemporary moral problems such as deception, sexual activities and relations, and capital punishment from a variety of religious perspectives. Special attention will be given to the production of knowledge about gender in biblical history.
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 viewed in Judaism, Christianity, and Islam.
REL 3194r. The Holocaust (3). An examination of the origins, the process, and the consequences of the destruction of the European Jewish population.
REL 3280. Biblical Archaeology (3). Course introduces archaeological methods and excavation results in the region of Syro-Palestine. Archæological 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 335cr. Hindu Texts and Contexts (3). A study of selected Hindu scriptures, their compositional traditions, and their religious and cultural significance. May include devotional (bhakti) poetry, Ramayana, Bhagavad 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). This course is a 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 3349. 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 exponents and thinkers from antiquity to the present, including such persons as Augustine, Dante, Erasmus, Luther, Pascal, Hegel, and Kierkegaard.
REL 3385. The Christian Tradition (3). The major beliefs, practices, and institutional forms of Christianity in historical perspective.
REL 3367. The Jewish Tradition (3). A survey of the varieties of institutional structures, beliefs, and religious practices of post-biblical Judaism in its historical contexts.
REL 3396. Judaism (3). May be repeated to a maximum of nine (9) semester hours.
REL 4190c. 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 4203r. Readings in Classical Hebrew Texts (1–3). Prerequisite: HEB 2240 or instructor consent. Intensive work on specific religious texts in classical Hebrew (ancient or medieval). Choice of texts will vary. May be repeated to a maximum of twelve (12) semester hours.
REL 4209c. Undergraduate Studies Seminar (3). Advanced work in biblical studies for undergraduates. Topics vary. Permission of the instructor required. May be repeated to a maximum of nine (9) semester hours.
REL 4204c. Undergraduate History of Religions Seminar (3). Problems and issues in the history of religions. Topics vary. Permission of the instructor required. May be repeated to a maximum of nine (9) semester hours.
REL 4321. Readings of the Graeco-Roman World (3). The religions of the Graeco-Roman world with special emphasis on traditional religious forms, mystery religions, and developments of philosophy. Readings include among them Judaism, Christianity, Gnosticism, and Neo-platonism. Some consideration is given to their broader social, cultural, and historical contexts.
REL 4322. Ancient Near East (3). The religious traditions of the ancient Near East, including Egypt, Mesopotamia, and Syria/Palestine, from earliest historical times to the onset of the Hellenistic age.
REL 4324r. Tutorial in Greek Religious Texts (1–3). Selected readings in Greek of Jewish, Christian and other religious traditions from the ancient world. A basic knowledge of Greek grammar is assumed. May be repeated to a maximum of twelve (12) semester hours.
REL 4333. Modern Hinduism (3). Selected topics on the Hindu tradition in 19th and 20th century India. Includes modern Hindu thinkers, reform movements, popular religion, and Hindu inspired religious movements outside India and to other topics of student interest.
REL 4357r. Classical Tibetan (1–3). This course is a systematic and comprehensive study of basic literary Tibetan grammar, common locations, and translation devices. Emphasis is on exposure to Tibetan religious texts and genres in Tibetan literature including Buddhist texts on philosophy, ritual and history. May be repeated to a maximum of nine (9) semester hours.
REL 4359r. Special Topics in Asian Religions (3). This course focuses on selected topics and themes in the academic study of Asian religions with special emphasis on issues of methodology. Topics may include key theories in Asian studies, religion, philosophy, history, sociology, and anthropology intended to help students develop critical skills. May be repeated to a maximum of twelve (12) semester hours as topics vary.
REL 4491r. Undergraduate Religious Thought Seminars. (3). Topics vary. Intended for advanced undergraduate students. Permission of the instructor required. May be repeated to a maximum of nine (9) semester hours.
REL 4531. Modern Judaism (3). Close attention to contemporary Jewish religious thought and practice. May be repeated to a maximum of nine (9) semester hours.
REL 4611. Judaism in the Graeco-Roman World (3). A history of the Jews and the development of Jewish religious thought and institutions in the period from the Maccabean Revolt to the reduction of the Babylonian Exile.
REL 4613. Modern Judaism (3). The development of Judaism as a religious tradition in Europe, North America, and the Middle East from the European Enlightenment to the birth of the State of Israel.
REL 4671. Gender and Judaism (3). Examines the roles of women and men in various Jewish communities and the responses of contemporary Jews to feminist initiatives and critiques.
REL 4995c. Directed Individual Study (1–3). Supervised reading and research on selected topics. May be repeated to a maximum of nine (9) semester hours.
REL 4998r. Tutorial in Pali (1–3). A study of the grammar, vocabulary and style of the Pali canon to better understand Buddhist philosophy. May be repeated to a maximum of twelve (12) semester hours.
REL 4997r. Tutorial in Sanskrit Texts (1–3). Pre-requisite: SAL 4101 or its equivalent. Readings in Sanskrit of selected religious texts. Topics will vary. May be repeated to a maximum of twelve (12) semester hours.
REL 4991r. Tutorial in Latin Religious Texts (1–3). Readings in Latin of selected religious texts. Topics will vary. A basic knowledge of Latin grammar is assumed. May be repeated to a maximum of twelve (12) semester hours.
REL 4932r. Honors Work (3). Students completing this program are awarded their diploma “With Honors in Religion.” Interested students should consult with the advisor of the program. May be repeated to a maximum of nine (9) semester hours.

SAL 4100, 4101. Elementary Sanskrit I, II (3, 3). Introduction to the morphology and syntax of Sanskrit and introduction to Sanskrit texts.

Graduate Courses

REL 5035. Seminar: Introduction to the Study of Religion. May be repeated for credit.
REL 5195r. Seminar: Religion and Culture (3).
REL 5204r. Readings in Classical Hebrew Texts (1–3).
REL 5292r. Tutorial in Near Eastern Languages and Literature (1–3).
REL 5297r. Seminar: Biblical Studies (3).
REL 5305r. Seminar: History of Religions (3).
REL 5326. Seminar of the Ancient Near East (3).
REL 5328r. Tutorial in Greek Religious Texts (1–3).

ACADEMIC PROGRAMS
Department of
RISK MANAGEMENT/
INSURANCE AND REAL
ESTATE AND PROGRAM
IN BUSINESS LAW

The Florida State University

College of Business

Chair: Dean H. Gatzlaff; Professors: Boggs, Carson, Corbett, Diskin, Eastman, Gatzlaff, Maroney, Marshall, Sirmans, Stauber, Vickory; Associate Professor: Dunn; Assistant Professors: Cole, McCullough; Assistants in Business Law and Real Estate: Bailey, Woodyard; 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. Bucheller 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; State Farm Insurance Company Professor: Marshall

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 to 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 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.

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Real Estate

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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.

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 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).
The Florida State University

Prereq.; Real Estate 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 salesperson's license and 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 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 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 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 five (5) courses as listed below. A grade of “C–” or better must be earned in each course.

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 salesperson’s license and 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 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 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 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 the five (5) courses listed below. A grade of “C–” or bet-
Interdisciplinary Program in RUSSIAN AND EAST EUROPEAN STUDIES

College of Social Sciences

Director: Ljubisa S. Adamovich (Economics);
Professors: Adamovich (Economics),
Launer (Modern Languages and Linguistics),
Macesich (Economics), Oldson (History),
O’Sullivan (Geography), Wynot (History);
Associate Professor: Efimov (Modern Languages and Linguistics);
Assistant Professor: Grant (History)

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, learning to speak 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 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) an 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.

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 Eastern 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 all area specific courses so long as at least three (3) semester hours are taken in history and each of the two tracks.
Interdisciplinary Major in Secondary Science and/or Mathematics Teaching (SSMT)

College of Arts and Sciences

Director and Advisor: 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

features 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 seven specialty tracks (mathematics/physics, physics/chemistry, physics/earth-space science, biology/chemistry, biology/earth-space science, biology/psychology, 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:

1. EDF X005;
2. EDG 2701;
3. EME 2040;
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) MAC 1114;
   b) MAC 1140;
   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 noted above.

## College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. Please 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)

3. **Modern Language:**
   - Take six (6) 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 4053 General Biochemistry I (3)
   - BOT 3015 Plant Biology (2)
   - BSC 2011 Biological Science II (3)
   - BSC 2011L Animal Diversity Laboratory (2)
   - BSC 3402L Experimental Biology Laboratory (2)
   - CHM 1046C General Chemistry II (5)
   - CHM 3120C Introduction to Analytical Chemistry (4)

## 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)

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:**
   - AST 3033 Recent Advances in Astronomy and Cosmology (3)
   - BOT 3015 Plant Biology (2)
   - BSC 2011 Biological Science II (3)
   - BSC 2011L Animal Diversity Laboratory (2)
   - BSC 3402L Experimental Biology Laboratory (2)
   - GLY 2010C Physical Geology (4)
   - GLY 2100 Historical Geology (3)
   - GLY 2100L Historical Geology Laboratory (1)
   - MET 1010 Introduction to the Atmosphere (3)
   - OCE 4011 Principles of Oceanography (3)
   - PCB 2099 Human Physiology (3)
   - PCB 3063 General Genetics (3)
   - PCB 4674 Evolution (3)

## Secondary Science and/or Mathematics Track III: Biology/Psychology

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)

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 4944 Student Teaching in Science (10)
   - SCE 4948 Classroom Management and Planning in Science Education (3)

5. **Advanced Courses Required for Specialization:**
   - AST 3033 Recent Advances in Astronomy and Cosmology (3)
   - BOT 3015 Plant Biology (2)
   - BSC 2011 Biological Science II (3)
   - BSC 2011L Animal Diversity Laboratory (2)
   - BSC 3402L Experimental Biology Laboratory (2)
   - CHM 1046C General Chemistry II (5)
   - CHM 3120C Introduction to Analytical Chemistry (4)
   - or
   - XXX XXXX Biology Elective (4)
   - CHM 2210 Organic Chemistry I (3)
   - CHM 2211 Organic Chemistry II (3)
   - CHM 2211L Organic Chemistry II Laboratory (3)
   - PCB 2099 Human Physiology (3)
   - PCB 3063 General Genetics (3)
   - PCB 4674 Evolution (3)
Secondary Science and/or Mathematics Track V: 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)
   - BGS 3408 Introduction to Programming with the C Language (3)
   - CHM 1045C General Chemistry I (4)
   - PHY 2048C General Physics A (5)

3. **Modern Language:**
   - Introduction to Modern Language (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)
   - MAC 2311 Calculus with Analytic Geometry I (4)
   - MAC 2312 Calculus with Analytic Geometry II (4)
   - MAC 2313 Calculus with Analytic Geometry III (5)
   - MAE 4330 How Adolescents Learn Mathematics (3)
   - MAE 4335 Teaching High School Mathematics (3)
   - MAE 4940 Classroom Management and Planning Instruction in Middle/High School Mathematics (4)
   - MAE 4945 Student Teaching in Mathematics (3)
   - MAP 2302 Ordinary Differential Equations (3)
   - MAP 3305 Engineering Mathematics I (3)
   - MAS 3105 Applied Linear Algebra I (4)
   - MAS 3301 Introduction to Modern Algebra (3)
   - MTG 4212 College Geometry (3)
   - PHY 3004L Approaches to the Study of Behavior (3)
   - EXP 3202 Sensation and Perception (3)
   - EXP 3422L Conditioning and Learning (3)
   - EXP 3422L Conditioning and Learning Laboratory (1)
   - PCB 2099 Human Physiology (3)
   - PCB 3063 General Genetics (3)
   - PCB 4674 Evolution (3)
   - PSB 3004 Physiological Psychology (3)
   - SCE 4362 Teaching and Learning Science (3)
   - SCE 4944 Student Teaching in Science (10)
   - SCE 4948 Classroom Management and Planning in Science Education (3)

Secondary Science and/or Mathematics Track VI: 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)
   - BGS 3408 Introduction to Programming with the C Language (3)
   - CHM 1045C General Chemistry I (4)
   - PHY 2048C General Physics A (5)

3. **Modern Language:**
   - Introduction to Modern Language (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)
   - MAC 2311 Calculus with Analytic Geometry I (4)
   - MAC 2312 Calculus with Analytic Geometry II (4)
   - MAC 2313 Calculus with Analytic Geometry III (5)
   - MAE 4330 How Adolescents Learn Mathematics (3)
   - MAE 4335 Teaching High School Mathematics (3)
   - MAE 4940 Classroom Management and Planning Instruction in Middle/High School Mathematics (4)
   - MAE 4945 Student Teaching in Mathematics (3)
   - MAP 2302 Ordinary Differential Equations (3)
   - MAP 3305 Engineering Mathematics I (3)
   - MAS 3105 Applied Linear Algebra I (4)
   - MAS 3301 Introduction to Modern Algebra (3)
   - MTG 4212 College Geometry (3)
Secondary Science and/or Mathematics Track
VII: Physics/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):
   CHM 1045C General Chemistry I (4)
   PHY 2048C General Physics A (5)

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 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)
   OCE 4011 Principles of Oceanography (3)
   or
   OCE 5009 Advanced General Oceanography (3)
   PHY 2049C General Physics B (5)
   PHY 3101 Intermediate Modern Physics (3)
   PHY 3221 Intermediate Mechanics (3)
   PHY 3424 Optics (3)
   PHY 3802L Intermediate Laboratory A (1)
   SCE 3462 Teaching and Learning Science (3)
   SCE 4944 Student Teaching in Science (10)
   SCE 4948 Classroom Management and Planning in Science Education (3)
   XXX XXXX Earth/Space Science Electives (6)
   (GLY 4905, MET 4905 or OCE 4905 strongly recommended.)

SERBO-CROATIAN; SLAVIC: see Modern Languages and Linguistics
Definition of Prefixes
CPS — Comparative Policy Studies
ISS — Interdisciplinary Social Sciences

Undergraduate Courses

CPS 4905r. Directed Individual Study (1–3). 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 5325. Joint Seminar in Comparative Development (1). (3).

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).

ISS 5905. Direct Individual Study (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

SOCIAL WORK
School of Social Work
Professors: Bardill, Figley, Harrison, Mazza, McNeece, Smith, Thyer, Vinton; Associate Professors: Abell, Crook, Maxwell; Assistant Professors: Altholz, T. Gomory, Hinterlong, Rutledge, Ryan, Sanders-Balfour, Siebert, Teasley, Wilk, Assistant Professors: F. Gomory, Perry, Tyson; Faculty Advisors: Berry, Graham, Lager, Maddox, Stanley; Visiting Faculty Administrator: Kearney; Lecturers: Keroack, Lee; Associate in Research: Bax; Assistants in Field Instruction: Allen, Boone, Calohan, Detweiler, Ley, Schultz, Sheheen, Spring, Wilson, Yanke; Assistant in Field Instruction and Academic Advising: Mathis; Associate in Social Work: Cleveland

The School 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—the clinical social work concentration and the social policy and administration concentration; 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 School of Social Work’s opportunities, and available financial assistance, refer to the “School of Social Work” chapter of this General Bulletin, or our website at http://ssw.fsu.edu. Refer to the Graduate Bulletin for graduate programs.

State of Florida Common Course Prerequisites

SOW 1502r. Human Services Experience (1). (S/U 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 2201. 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 4108. Human Behavior in the Social Environment I (3). Prerequisites: SOW 1502, 3203, 3350. This course focuses on the individual and various systems such as families, groups, organizations and communities. Theoretical explanations of psychosocial development across the life cycle are also explored, along with the dynamics of taste groups, communities and organizations.

SOW 4108r. Women’s Issues and Social Work (3). This course is designed to acquaint students with the focuses that affect women throughout life and the role that social work plays in addressing these issues.

SOCIAL WORK

SOW 1502r. Human Services Experience (1). (S/U 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.

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SOW 4108r. Women’s Issues and Social Work (3). This course is designed to acquaint students with the focuses that affect women throughout life and the role that social work plays in addressing these issues.

SOW 4152. Human Sexuality (3). Survey of issues and problems associated with human sexuality, intended for social workers and others in helping professions. Emphasis on sexually oppressed groups, sexual life cycle from a psychosocial perspective, and student’s attitudes and values regarding sexuality.

SOW 4157. Mediation and Conflict Resolution in Social Work (3). This course explores a variety of approaches to conflict resolution in many settings and integrates social work theory and mediation.

SOW 4322. Social Work Policies and Programs (3). Prerequisites: SOW 1502, 3203, 3350; economics and national government. Provides a beginning understanding of the relationship between social policy, social welfare, and American society. Particular attention will be paid to the nature of our present social welfare system and its impact on disadvantaged populations. Majors only.

SOW 4280. Ethics in Social Work Practice (3). This course provides students with a framework of knowledge and skills to prepare them for effective ethical decision-making which adheres to the NASW Code of Ethics.

SOW 4323. Theory and Practice of Social Work with Groups (3). 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 (3). Prerequisites: SOW 1502, 3203, 3350. A beginning course in social work practice focusing on individuals, families and communities.

SOW 4346. Theories and Models of Social Work Practice (3). This is one of three courses in the practice foundation curriculum. The course is designed to introduce students to a range of theories and models of social work practice from an ecological framework. Majors only.

SOW 4361. Social Networking and Case Management in Social Work (3). This course introduces students to the history, theoretical understandings, and strategies of case management in various service delivery systems. Contemporary issues and implications for the changing practice environment are highlighted.

SOW 4370. Supervised Visitation (3). 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 a 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 1502, 3203, 3350. 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). Statistical procedures which have practical application to research in the social work profession. 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 ob-
jectives, personnel, time line, methods, budget and evaluation,
and how to effectively manage grants once they are funded. The
needs of disenfranchised groups or communities are also dis-
cussed in this course, along with the particulars of propos-
als for students to use in meeting such needs.

**SOW 4510r. Undergraduate Field Instruction (6–12).** (S/U grade only.) Prerequisites: completion of all required social
work courses; a 3.0 (GPA) or higher; all upper-division,
junior college transfers; and 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 longitudinal research and critical analysis. May
be repeated to a maximum of nine (9) semester hours.

**SOW 4911r. Honors Work in Social Work (1–6).** Prerequ-

isites: 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 longitudinal 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.

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### 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 5158. Mediation and Conflict Resolution in Social Work (3).**

**SOW 5235. Policies and Programs in Social Services (3).**

**SOW 5238. Advanced Policy Analysis (3).**

**SOW 5281. Ethics in Social Work Practice (3).**

**SOW 5324. Group Placement 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. Theorized Practice of Poetry Therapy (3).**

**SOW 5345. Advanced Social Services Administration (3).**

**SOW 5353. Marital and Couple Counseling in Social Work Practice (3).**

**SOW 5356. Social Work Practice (3).**

**SOW 5363. Evaluation of Social Work Practice (3).**

**SOW 5364. Theory and Practice of Psychodynamic Social Work (3).**

**SOW 5365. Behavioral Approaches to Social Work Practice (3).**

**SOW 5366. Social Networking and Case Management in Social Work (3).**

**SOW 5367. Theory and Practice of Crisis Intervention and Brief Treatment (3).**

**SOW 5369. Integrative Seminar in Advanced Social Work Practice (3).**

**SOW 5371. Dynamics of Social Services Systems (3).**

**SOW 5372. Supervision, Consultation, and Staff Development in Social Work (3).**

**SOW 5374. Supervised Visitation (3).**

**SOW 5376. Business and Finances in the Social Services (3).**

**SOW 5377. Personnel Administration in the Social Services (3).**

**SOW 5378. Data Management and Technologies in the Social Services (3).**

**SOW 5404. Introduction to Social Work Research (3).**

**SOW 5415. Measurement and Analysis in Social Work (3).**

**SOW 5435. Social Program and Policy Evaluation (3).**

**SOW 5455. Grant Writing and Grant Management (3).**

**SOW 5532r. Graduate Field Instruction I (5–10).** (S/U grade only.)

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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.
Academic Programs

Sociology 309

Department of SOCIOLOGY

COLLEGE OF SOCIAL SCIENCES

Chair: Isaac Eberstein; Professors: Armer, Carlson, Eberstein, Hardy, Imershin, Isaac, Kinloch, Martin, Orcutt, Padavic, Quadagno, Turner; Associate Professors: Brewer, Dahms, Reynolds, Simon; Assistant Professors: Barrett, Heron, Lloyd, Reid, Schrock, Taylor, Tillman; Professors Emeriti: Fendrich, Ford, Hazelrigg, Nam; Affiliate Faculty: Chiri, Kissinger, Mills, Milton, Sfy, Street

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 the 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 a career in professions that excellent preparation for a career in professions that

The Family

SVG 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, premarital and marital sexuality, marital and family interaction, and alternative family forms. The major course objective is to familiarize students with the processes of heterosexual and parent-child interaction over the life cycle from a sociological perspective.

SVY 3100. Family Problems and Social Change (3). A basic sociological approach to conditions, issues, and problems faced by family members in American society. Topics include the impact of demographic change on various social institutions.

Personality and Society (Social Psychology)

SYP 3000. Social Psychology of Groups (3). This course explores the study of social psychology from a sociological perspective. Specifically, it is an analysis of the impact of the different roles and styles of the individual on the group, including the study of the groups, norms, pressure groups, leadership, motivation, and social personality.

SYP 3300. Collective Action and Social Movements (3). This course explores the origins and organization of social movements, the dilemmas and challenges facing social movements, the relationship between social movements and political institutions and the role of social movements in causing social change.

Population and Human Ecology

SVY 3794. Problems in American Society (3). This course addresses the way in which issues of inequality, poverty, labor, markets and work, urban problems, and discrimination are intertwined to produce continuing problems in American society.

SVY 3800. Sociology of Sex and Gender (3). This course provides a look at the sociological facets of gender and its effect in society.

Social Issues and Change

SVY 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

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. 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 State University of Florida’s math and English requirements for liberal studies with a grade point average of 2.0 or better. Sociology majors are encouraged to complete all liberal studies requirements before admission to the College of Social Sciences.

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 fundamental ideas of sociology. Focus is placed on exposure to the basic findings of empirical research studies in a wide range of topics traditionally examined by sociologists.

Sociological Theory and Methods of Research

SYA 4010. Sociological Theory (3). This course introduces the student to the kind of thinking which has developed in the field of sociology since its foundations, 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.

SVY 4300. Methods of Social Research (3). Broad coverage of research design, data collection, and data analysis. This is a required course for sociology majors.

SVY 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

SVY 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, premarital and marital sexuality, marital and family interaction, and alternative family forms. The major course objective is to familiarize students with the processes 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 faced by family members in American society. Topics include the impact of demographic change on various social institutions.

SVY 4300. 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 3020. Population and Society (3). This course examines the causes and consequences of population change in the United States and the world with an assessment of the impact of demographic change on various social institutions.

Social Issues and Change

SYA 4794. Problems in American Society (3). This course uniquely addresses the way in which issues of inequality, poverty, labor, markets and work, urban problems, and discrimination are intertwined to produce continuing problems in American society.

SYD 3800. Sociology of Sex and Gender (3). This course provides a look at the sociological facets of gender and its effect in society.

SYE 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.

SYG 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, politics, the economy, racism, drug use and alcoholism, over-population, and other issues.

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 struggle, the Vietnam War and antiwar movement, and the counter culture, from a historical-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 reproduce 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 4550. Comparative Sociology (3). This course deals with patterns and development of individual and collective action in various societies. SYP 3400. Social Change (3). This course is concerned with the context, essential sources, dynamics, and consequences of social development, modernization, and societal change.

SYP 3730. Aging and the Life Course (3). 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.

SYP 4570. Deviance and Social Control (3). This course focuses on major theories and research traditions, including social 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 problems 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.

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 the social structure is assessed and compared with rates of 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 inter-relationships among business and production organizations, labor interests and struggles, and the state and state policies, from various theoretical and historical perspectives. In addition, 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.

SYP 3540. Sociology of Law (3). This course examines the interrelationship between the legal order and the social order. Limitations of civil and criminal law for conflict management and for implementation of social policy are considered.

Others

SYA 4905c. Directed Individual Study (3). Consent of instructor and departmental chair required. May be repeated to a maximum of nine (9) semester hours.

SYA 4930. Selected Topics in Sociology (3). May be repeated to a maximum of nine (9) semester hours.

SYA 4931r. Honors Work (3). May be repeated to a maximum of nine (9) semester hours.

SYA 4932r. Tutorial in Sociology (1). Prerequisite: upper division sociology majors or minors only. Reading and analysis of primary literature on selected topics in contemporary sociology. May be repeated to a maximum of three (3) semester hours.

Graduate Courses

Sociological Theory

SYA 5125. Classical Social Theory (3).

SYA 5126. Contemporary Sociological Theory (3).

SYA 5205. Theory Construction (3).

SYA 6934c. Selected Topics in Theory (3).

Research Methodology

SYA 5315. Qualitative Research Methods in Sociology (3).

SYA 5345. Introduction to Research Methods (3).

SYA 5406. Multivariate Analysis (3).

SYA 5407. Advanced Quantitative Methods (3).

SYA 5455. Social Statistics and Data Analysis (3).

SYA 5515. Sociological Research Practicum (1). (S/U grade only.)

SYA 5516. Reporting Sociological Research (3). (S/U grade only.)

SYA 6936c. Selected Topics in Research Methods (3).

Area Courses

DEM 5066. Directed Individual Study (1–3). (S/U grade only.)

DEM 5091c. Supervised Research (1–5). (S/U grade only.)

DEM 5930c. Special Topics in Demography (3).

DEM 5972c. Master’s Research Paper in Demography (3–6). (S/U grade only.)

DEM 8977. Master’s Research Paper Defense (0). (S/U grade only.)

SYA 5326. Injury Epidemiology (3).

SYA 5355. Comparative Historical Sociology (3).

SYA 5625. Proseminar in Sociology (0–3). (S/U grade only.)

SYA 6660. Teaching at the College Level in Sociology (3).

SYA 6912. Epidemiology Research Paper (6). (S/U grade only.)

SYA 6938c. Selected Topics in Social Institutions, Social Organization, and Social Policy (3).

SYD 5045. Introduction to Demography (3).

SYD 5105. Population Theory (3).

SYD 5134. Environmental Epidemiology (3).

SYD 5135. Techniques of Population Analysis (3).

SYD 5136. Life Course Epidemiology (3).

SYD 5137. Fundamentals of Epidemiology (3).

SYD 5138. Infectious Disease Epidemiology (3).

SYD 5139. Chronic Disease Epidemiology (3).

SYD 5145. Population Policy (3).

SYD 5215. Mortality (3).

SYD 5225. Fertility (3).

SYD 5235. Population Mobility (3).

SYD 5705. Sociology of Race and Ethnicity (3).

SYD 5817. Contemporary Theories of Gender (3).

SYO 5105. Sociology of the Family (3).

SYO 5126. Contemporary Family Theory (3).

SYO 5185. Family and Work Linkages (3).

SYO 5306. Political Sociology (3).

SYO 5335. Sociology of Political Economy (3).

SYO 5376. Sociology of Gender and Work (3).

SYO 5405. Health Institutions and Social Policy (3).

SYO 5416. Stress and Mental Health (3).

SYO 5505. Theories of Organization (3).

SYO 5535. Social Stratification (3).

SYO 5545. The Changing Workplace (3).

SYO 6356. Labor, Class, and Social Movement (3).


SYO 6506c. Advanced Research Seminar in Social Organization (3–9).

SYO 6538r. Advanced Research Seminar in Stratification and Inequality (3–9).

SYP 5305. Collective Behavior and Social Movements (3).

SYP 5446. Sociology of National Development (3).

SYP 5516. Sociological Theories of Deviance (3).

SYP 5735. Sociology of Aging (3).

SYP 5737. The Dynamics of Aging and Social Change (3).

SYP 6356. Sociology of the Contemporary Women’s Movement (3).

Others

SYA 5645. Critical Thinking and Proposal Preparation (3).

SYA 5907c. Directed Individual Study (3). (S/U grade only.)

SYA 5909c. Directed Individual Study (1–3). (S/U grade only.)

SYA 5912r. Supervised Research (1–5). (S/U grade only.)

SYA 5946c. Supervised Teaching (1–5). (S/U grade only.)

SYA 6933c. Selected Topics in Sociology (3).

SYA 8945c. Doctoral Review Paper (1–12). (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.

SPANISH: see Modern Languages and Linguistics
Department of SPECIAL EDUCATION

COLLEGE OF EDUCATION

Chair: Mary Frances Hanline; Professor: English; Associate Professors: Burkhead, Ebener, Edwards, Hanline, Lewis, Menchetti, Pondor; Assistant Professors: Al Otaiba, Rosenblum; Visiting Assistants: O’Farrell, Rivera, Whalon; Professors Emeriti: G. Jones, Oseroff, Tait; Courtesy Instructor: L. Jones

The following majors and certificates are offered by the Department of Special Education:

- Emotional disturbances/learning disabilities + Mental disabilities + Rehabilitation services
- Special education*
- Visual disabilities +

Interdepartmental certificate in developmental disabilities
Graduate certificate in early childhood/special education

* 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 program 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 this upper-division degree program:

Education of the Mentally Handicapped

1. EDF X005;
2. EDG 2701;
3. EME 2040;
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 Program Requirements

1. EDF X005;
2. EDG 2701;
3. EME 2040;
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;

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 ENG 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.

Therapeutic Recreation
1. BSC X084 or PET 3301 or a three (3) semester hour combination of anatomy and either physiology or exercise physiology;
2. DEP X004 or RCS 3061. This course must be a human growth and development across the life span;
3. HSC X531 or any medical terminology course;
4. PSY XXXX, general psychology course.

Emotional Disturbance/ Learning Disabilities

This degree major is designed to prepare individuals for careers as public school teachers of students with mild/moderate emotional disturbances and learning disabilities. The program leads to certification in emotionally handicapped, specific learning disabilities, and varying 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.

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 the Fall and Spring semesters. It is preferable that program applications be submitted to the department by March 15th for the fall and November 1st for the spring semester, but late applications are considered.
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);

Note: the admission policies for these programs currently are under review and had not been finalized by the publication of this General Bulletin. Contact the Department of Special Education for the most current admission policies.

Rehabilitation Services

Professor: English; Associate Professors: Burkhart, Ebener

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 advisors, 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 advisor. 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
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 of 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.

EED 4012. Survey of Special Education (3). To provide the student with a basic understanding of the history, current issues, and emerging alternative strategies for the special education of all exceptional students.

EED 3601. Applied Behavior 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.


EEX 3949. Cooperative Education Work Experience (0, SU grade only.)

EEX 4014. Introduction to Mental Disabilities (3). Designed to provide students with an overview of the basic knowledge pertinent to mental disabilities. Special attention is given to the educational, social and psychological aspects of mental disabilities.

EEX 4050. Introduction to Learning and Behavior Disorders (5). This course examines the fields of learning and behavior disorders from historical, theoretical, practical, and public school perspectives.

EEX 4070. Including Students with Disabilities in the General Education Curriculum (3). This course provides students with the knowledge and skills to include students with disabilities in the general education curriculum by adapting instruction and assessment procedures and processes.

EEX 4201. Typical and Atypical Development and Learning (3). This course examines typical and atypical learning and development throughout the lifespan.

EEX 4212c. Educational Assessment for Students with Disabilities (3). This course is designed to provide an opportunity for students to develop performance skills in the administration of formal and informal assessment instruments and processes.
This practicum provides experience with individuals with disabilities. 

EEX 4250. Introduction to Reading Instruction for Students with Disabilities (3). This course reviews methods for teaching reading to individuals with disabilities.

EEX 4252. Mathematics for Teachers with Disabilities (3). Instructional methods and curriculum to teach mathematics to students with disabilities are examined.

EEX 4255. Mathematics and Learning Styles and Individual Differences (3). This course examines methods for teaching functional reading and life skills to individuals with disabilities.

EEX 4280. Foundations of School to Community Transition (3). Prerequisites: EEX 4010; EMR 4011. This course addresses the ways in which schools, agencies, and the community can work cooperatively to prepare students for the transition from their school years to their adult years.

EEX 4275. Collaboration with Families, Schools, and the Community (3). This course provides the knowledge and skills necessary for collaborating with families, other professionals, and the community to develop successful outcomes for students with disabilities.

EEX 4770. Study of Human Exceptionality (3). This course will increase learner knowledge and awareness of the characteristics commonly associated with exceptional learners. Emphasis will be placed on helping all students succeed.

EEX 4835. Practicum in Special Education (2). This practicum provides experience with individuals with a range of disabilities.

EEX 4842. Practicum with Students with Low Incidence Disabilities (3). This practicum provides experience with individuals with low incidence disabilities.

EEX 4847. Practicum in Individualized Planning (2). This course provides the student with the opportunity to work with exceptional children and plan appropriate instruction.

EEX 4861. Student Teaching in Special Education (11–12). Prerequisites: EEX 4250, 4252, 4255, 4280. This course is designed to provide supervised practicum experience under the guidance of exceptional teachers with disabilities for one semester within a public school setting, full-time, and under the supervision of a certificated special education teacher.

EEX 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

EEX 4940. Supervised Practicum (1–3). May be repeated to a maximum of nine (9) semester hours.

EEX 4984. Internship with Students at High Incidence Disabilities (2). This practicum provides experience with individuals with high incidence disabilities.

EEX 4970r. Honors Work in Special Education (3). Prerequisite: Acceptance in honors program. Corequisites: EDF 4581 or EEX 5931 or equivalent. This course is designed to provide qualified upper-division majors in special education an opportunity to undertake an independent and original research project. May be repeated to a maximum of nine (9) thesis hours with instructor consent.

EGI 4011. Introduction to Gifted and Talented Students (3). Nature and needs of these exceptional children and youth. Groups of underachieving culturally diverse, women, and handicapped gifted.

EGI 4230. Educational Strategies for the Gifted and Talented (3). Prerequisites: EEX 4252, 4280. This course covers education provisions, procedures, and practices for the gifted.

ELD 4050. Introduction to Specific Learning Disabilities (3). Designed to introduce students to the changing field of learning disabilities with emphasis on the various theories that have shaped the field.

EMR 4215. Current Issues in Assessed Academic Achievement and Adaptations for Students With Mental Disabilities (3). Prerequisites: EEX 4010; EMR 4011. This course focuses upon teaching academic skills to students with mild to moderate mental disabilities.

EMR 4360. Functional Reading, Academics, and Life Skills for Students With Mental Disabilities (3). This course is designed to prepare teachers to teach functional reading and related academic skills to individuals with mental disabilities.

EMR 4860r. Practicum and Seminar in Mental Disabilities (2). This practicum is required each semester prior to student teaching so that students may gain the knowledge and skills they have learned in lecture courses. May be repeated to a maximum of six (6) semester hours. 

EPI 4024. Introduction to the Physically Handicapped (3). Designed as an overview of those with physical limitations, including those with visual impairments. Focus is placed on the disability and their implications for the classroom teacher.

EPI 4011. Introduction to Visual Impairments (3). This course provides an overview of the population of people who have visual impairments and the role of specialized service providers. Focus is placed on the effects of visual impairment on development and learning.

EPI 4110. Assessment of Visually Impaired Students (3). Prerequisites: EPI 4011, 4121, 4132. The purpose of this course is to provide a comprehensive assessment of students with visual impairments, including those students with dual sensory impairments. Emphasis is placed on the use of multiple assessment procedures appropriate to the population. Students will be prepared for their future career role as members of transdisciplinary assessment teams.

EPI 4121. Anomalies and Diseases of the Eye for Blindness Professionals (3). The purpose of this course is to introduce prospective professionals 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 cellular level and eye pathologies on the visual functioning of the individual.

EPI 4211. Postal Service and Social Science. This course students will have an opportunity to learn and acquire skills for helping students in the postal service code, a braillewriter. Interlining and proofreading are emphasized.

EPI 4212. Practicum in Mail Concern for Students with Visual Impairments (3). Prerequisites: EPI 4011, 4121, 4132. The purpose of this course is to provide a comprehensive understanding of students with visual impairments. Topics include the foundations of the acquisition of the Braille reading skills and knowledge of the Braille Code, adaptations of mathematics diagrams and structures, instruction in the abacus, and strategies for teaching mathematics skills in students with visual impairments.

EPI 4220. Introduction to Orientation and Mobility (3). Provides future teachers of students with visual impairments with an understanding of the various problems inherent in the orientation and mobility experience by visually impaired individuals. Stresses techniques for teaching in indoor and outdoor environments.

EPI 4230. Emotional and Behavioral Management of Students with Visual Impairments (3). Prerequisites: EPI 4211, 4212, 4312. This course will prepare teachers to work with visually impaired students in various environments, including classrooms and community settings. Topics include emotional and behavioral problems, case recording, ecological assessment, individual treatment planning, crisis intervention, referral and interdisciplinary collaboration.

EPI 4240. Psychosocial Aspects of Diversity (3). Examines the psychological and social factors related to adjustment and diverse populations, including minorities, women, persons with disabilities and other adults.


EPI 4290. Psychosocial Aspects of Rehabilitation (3). An overview of the psychological and social factors related to adjustment and diverse populations, including minorities, women, persons with disabilities and other adults.

EIH 4024. Clinical Fieldwork in Rehabilitation (3). (S/U grade only.) Prerequisite: Advisor rehabilitation. Supervised clinical practice in a rehabilitation agency or community service organization. Duties are in activities like interviewing, assessment, counseling, career counseling, and case management. May be repeated to a maximum of fifteen (15) semester hours.

EIS 4300r. Teaching and Seminar in Physical Disabilities (3). Designed to improve teachers' understanding of how physical disabilities affect children and adults and to develop skills needed to teach students with physical disabilities who have additional disabling conditions. An emphasis will be placed upon working with students with physical disabilities who also have additional disabilities.

EIS 4311. Student Teaching in Visual Disabilities (12). Prerequisites: EIS 4110. This course is required each semester prior to student teaching in visual disabilities for one semester within a public school or residential school setting, full-time, and under the supervision of an experienced certified teacher of students with visual disabilities.

MHS 3949r. Cooperative Education Work Experience (0). (S/U grade only.) Prerequisite: Human Services Profession (3). An exploration of the nature of human service work. Analyzes past, present, and future issues in human service work. Human service professionals are discussed with regard to their role in society and family development. The delivery of human services. Program development and evaluation, with a special emphasis upon the rehabilitation process.

MHS 4460r. Crisis Intervention Counseling: Theory and Practice (1–3). Training in basic helping skills for dealing with people in crisis situations, specifically telephone hotline training. May be repeated to a maximum of six (6) semester hours.

MHS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

MCS 1665. Disability in Western Culture (3). This course provides an understanding of disabilities and their implications within the context of Western culture; includes definitions of disability; historical and current cultural views; legal and ethical issues of disability.

RCS 3061. Survey of Life Span Development: Preventive and Interventional Strategies for People with Normal Development, Disabilities, or Disease (4). Course examines the human development, both normal and abnormal of an individual across the entire age span, from conception to death. Emphasis is placed on the adolescent, young, adulthood, 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 counseling skills and strategies. Includes role playing, case recording, ecological assessment, individual treatment planning, crisis intervention, referral and interdisciplinary collaboration.

RCS 4850. Psychopathological Assessment 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 4850. Psychological Aspects of Rehabilitation (3). Designed as an overview of those with physical impairments and the role of specialized service providers. Focus is placed on the effects of visual impairment on development and learning.

RCS 5039. The Human Services Profession (3). An exploration of the nature of human service work. Analyzes past, present, and future issues in human service work. Human service professionals are discussed with regard to their role in society and family development. The delivery of human services. Program development and evaluation, with a special emphasis upon the rehabilitation process.

RCS 5460r. Crisis Intervention Counseling: Theory and Practice (1–3). Training in basic helping skills for dealing with people in crisis situations, specifically telephone hotline training. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

EED 5223. Advanced Study of Emotional Disturbance (3).

EED 5320. Precision Teaching Methods for Emotional Disturbances (3).

EED 5941. Practicum in Emotional and Behavioral Disablity (3).

EEX 5017. Typical and Atypical Education (3).

Special Education 313

ACADEMIC PROGRAMS
The Florida State University

Department of
SPORT MANAGEMENT, RECREATION MANAGEMENT AND PHYSICAL EDUCATION

COLLEGE OF EDUCATION

Chair: Charles Imwold; Professors: Imwold, Johnson, Ragheb; Associate Professors: Beeler, Dunn, Fletcher, James, Lynn, Quarterman, Ratliffe; Assistant Professors: Kent, Lee, Mondello; Assistant in Leisure and Recreation Services: Kween; Assistants in Physical Education: Bond, Burdette, Fedena, Nobles, Reynaud, Walsdorf; Visiting Assistants: Newman, Richards; Professors Emeriti: Burton, Cannon, Everett, Fox, Jones, Mundy, Tait, Veller, Wells

The Department of Sport Management, Recreation Management and Physical Education offers a bachelor of science degree in physical education with one leading to K-12 teacher certification in physical education, and one in sport management. The department also offers a bachelor of science degree in recreation and leisure services administration.

Students seeking admission to either of the department’s majors must have a 2.5 GPA and a “C” in all math and English courses. In addition, students seeking admission for physical education teacher certification and recreation management must have passing scores on all four subtests of the Florida College Level Academic Skills Test (CLAST). Passing scores do not include exemption scores. For both the teacher certification and sport management program, a minimum grade of “C” or better must be earned in each departmental prerequisite and program course in order to move on to the next course in the program sequence. At any point where a student has a combination of three unforgiven “D”s and “F”s, the student may be dismissed from the program. Please refer to the “Teacher Preparation General Education Requirements” section of the “College of Education” chapter in this General Bulletin for additional details.

The department utilizes centralized advising procedures and all entering students must be advised by the designated coordinator of undergraduate studies for each specific program. The recreation management program assigns all new students to a faculty member who serves as an advisor throughout each student’s course of study.

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 program 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:
Leisure Services – Professional

1. DEP X004 or RCS 3061 (this course must be a human growth and development across the life span).

Physical Education (Sports Management)

1. Nine (9) semester hours of coursework with a business emphasis;
2. Three to four (3–4) semester hours of anatomy and physiology I with lab;
3. Three to four (3–4) semester hours of care and prevention of athletic injuries or anatomy and physiology II with lab;
4. Four to five (4–5) semester hours of skill development courses in physical activity;
5. Three (3) semester hours of conditioning, fitness and wellness courses in physical activities.

At least one course taken to meet the natural science requirement in liberal studies and/or general program prerequisites must include a laboratory component.

Physical Education Teaching and Coaching

1. EDF X005;
2. EDF 2701;
3. EME 2040;
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 EDF 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 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 his or her associate or baccalaureate degree. The bachelor’s degree is designed to prepare individuals for administrative and management positions of recreation/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 of the student. 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

Applications for admission to The Florida State University must also apply directly to the recreation and leisure services administration. 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 Tully Gym, The Florida State University, Tallahassee, FL 32306-4280.

Degree Requirements

To earn a bachelor’s degree in recreation and leisure services administration, students must successfully complete a minimum of sixty (60) semester hours in the major. The required 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 4921r, 15 (15) semester hours of internship: LEI 4940r; 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 the 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 2302C, 2622C, 4206, 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
PEN — Physical Education Activities (General): Water, Snow, Ice
PEO — Physical Education Activities (Professional): Land-Object Centered
PEP — Physical Education Activities (Professional): Land-Performance Centered
PEQ — Physical Education Activities (Professional): Water, Snow, Ice
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 two (2) semester hours.

PEL 1441. Racquetball (1) (S/U grade only)
PEL 1511. Soccer (1) (S/U grade only)
PEL 4254. Women’s Soccer (1) (S/U grade only)
PEL 1621. Basketball (1) (SU grade only)
PEL 1624a. Varsity Basketball (1) (SU grade only)
PEL 1644a. Varsity Football (1) (SU grade only)
PEL 1646. Flag Football (1) (SU grade only)
PM 1012r. Adapted Physical Education Activities (1). Prerequisite: Departmental permission required.
PM 1011r. Physical Conditioning (1). (SU grade only)
PM 1311r. Basic Weight Training (1). (SU grade only)
PM 1314r. Aerobic Conditioning (1). (SU grade only)
PM 1317r. Aerobic Dance (1) (SU grade only)
PM 1384r. Contemporary Activities Techniques (1). (SU grade only)
PM 1314r. Varsity Cross-Country (1). (SU grade only)
PM 1405. Self-Defense/Martial Arts (1). (SU grade only)
PM 1592. Circus Activities (1) (SU grade only)
PEO 4006. Educational Games I (3). An analysis of fundamental games skills utilizing the content development framework, movement analysis framework and games stages for planning and teaching games content in physical education classes.
PEO 4009. Educational Games II (3). Prerequisites: PEO 4006; PET 4300. Analysis of racket sports and team sports utilizing the content development framework and games stages for planning and teaching games content in physical education classes.
PET 3304. Theory and Practice of Track and Field (2). Concepts of the fundamental techniques in track and field, emphasis on varsity coaching and instruction methods.
PET 4206. Educational Gymnastics (2). Prerequisites: PET 4710, 4710L. Follows the movement framework with a focus on developing a variety of gymnastics responses and a broad repertoire of gymnastics movements. Covers the content of a K–12 curriculum.
PET 1115. Water Safety Instruction I. (Prerequisite: valid American Lifesaving Certification)
PET 2303C. Applied Anatomical and Physiology Concepts. Prerequisite: PET 1121 or CHD 2302. Anatomical and physiological functions of the human body are applied to movement and physical fitness. Lecture and laboratory activities relate information to teaching physical education courses.
PET 2622C. Care and Prevention of Sport Injuries (3). Prerequisite: PET 2303C. This course discusses specific sport injuries, their treatment, and preventive procedures.
PET 3020. Foundations of Physical Education (3). Acquaints physical education majors with the basis for, and current trends in, the discipline.
PET 3949r. Cooperative Education Work Experience (0) (S/U grade only)
PET 4022. Career in Professional Sport (3). Covers issues related to professional sport including sport agents, contracts, the draft process, salary negotiations, and insurance.
PET 4253. Lesbian and Gay Sport Studies (3). This course provides an overview of lesbian and gay people in sport with a historical and contemporary socio-cultural perspective involving both the lesbian and gay sport industry and the mainstream sport industry.
PET 4262. Issues in Sport and Physical Activity (3). The course will critically examine the relationship between gender and sport/physical activity.
PET 4290. Race and Ethnicity in Sport (3). This course examines the unique role and impact racism and ethnicity have had in the world of sport. Teachers and coaches of all levels of sport are introduced to the history of bias and prejudice within sport. The experiences of numerous ethnic minority groups and their challenges to participate, compete, succeed, and lead in sport organizations in the United States also are examined.
PET 4400. Managerial, Ethical, and Organizational Issues in Sport and Physical Education (3). Prerequisites: PET 4712, 4714. Corequisites: PET 4945. This course will be oriented specifically toward an understanding of the following: class relationships and discipline issues; K-12 athletic, ethical and legal concerns in the profession; organization and administration of physical education; and induction into the Varsity Club.
PET 4401. Administration of Sport and Physical Education (3). Problems in planning, organizing, and conducting a program in physical education and sports in both school and nonschool settings are covered.
PET 4402. Facility and Event Management (3). Students in this course learn the factors involved in obtaining, running, and managing athletic events. They also learn the guidelines for designing, constructing, maintaining, scheduling, and managing athletic facilities.
PET 4432. Early Childhood Physical Education (3). Prerequisite: PET 4710. A required course for all physical education majors to be certificated K-8. The course content focuses on the development of preschool and primary grade children. Emphasis on the role of educational games, dance, and gymnastics in the development of motor, cognitive, and affective skills.
PET 4461. Event and Special Projects (3). Promotion and management of special events and promotions of large scale corporate marketing strategies. Prerequisites: PET 4462. A required course provides an introduction to financial strategies related to sport entities and organizations.
PET 4471. Issues in Sport Management (3). This course introduces students to the major topics, trends, problems and issues involved in athletics and sport management. Prerequisites: Admittance to the Sports Management major. This course provides an introduction to the basic elements of sport resources in sport organizations.
PET 4491. Legal Issues in Physical Education (3). This course introduces students to the legal structures, major laws, regulations and precedents in law and sport and physical education.
PET 4493. Ethics in Sport (3). This course is designed to assist students in recognizing and developing a philosophy, values, and moral reasoning skills. Major moral/ethical issues within sport are researched and discussed. Students experience the decision-making process through opportunities for critical analysis by drawing upon their philosophical bases.
PET 4499. Sport Governance (3). Topics and issues discussed involve the organizational theory, behavior and structure of various sport organizations. The evolution of power and political activity engulfing sport organizations is examined. Concepts on leadership and management related to the sport industry are presented. An outside project enhances the student’s understanding of a selected sport organization and its event.
PET 4510. Tests and Measurements in Physical Education (3). Prerequisite: PET 4510. The techniques for measuring and evaluating physical education learning outcomes.
PET 4510L. Tests and Measurements Practicum (1). Prerequisite: PET 3020. Corequisites: PET 4510. Practical application of skills and knowledge acquired in PET 4510 through the utilization of technology.
PET 4512. Assessment in K-12 Physical Education (3). This course prepares preservice teachers to use skills and knowledge acquired in PET 4510 to evaluate learning behavior and progress in K-12 physical education within the cognitive, psychomotor and affective domains.
PET 4625. Issues in Sports Medicine (3). Prerequisites: HSC 2400C, PET 3301C. Corequisites: PET 3600. Course covers advanced issues including sports medicine administration, sports medicine assessment, advanced assessment techniques and orthopedic surgical observations.
PET 4640C. Adapted Physical Education (3). Principles and methods of adapting physical education to special circumstances including special programs of physical education appropriate to needs of handicapped students. Laboratory and fieldwork experiences included.
PET 4710. Instructional Aspects of Physical Education (2). Prerequisite: PET 3020. Corequisites: PET 4710L.
LEI 1181. Leisure and Recreation: A Cross-Cultural Approach (3). An examination of the leisure and recreation behaviors and preferences of various cultures. The cultural, political, social, and economic influences on leisure and recreation behaviors will be examined.

LEI 3161. Philosophical, Social, and Behavioral Foundations of Leisure (4). Introduces students to concepts and foundations of the movement of recreation/leisure/play. Discusses normative social and cultural forces to concepts which influence leisure.

LEI 3400. Program Planning in Leisure Systems (4). Develops, applies, and evaluates program planning process of assessment, defining program objectives, development, implementation, and evaluation.

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 3701. Human Development and Functioning in Leisure (4). Examines the role of human development and functioning for the entire age spectrum, including disabilities.

LEI 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

LEI 4500. Administration of Leisure Systems (4). The course is designed to introduce students to the fundamental concepts, theories, principles, and practices of administering and managing leisure services.

PET 4521. Service and Personnel in Leisure Systems (4). Prerequisites: LEI 3161, 3420, 3701. The course is designed to introduce students to the fundamental concepts, theories, principles, and practices in supervising personnel in leisure delivery systems.

PET 4574. Design and Delivery of Leisure Programs (3). Designed to provide students with an introduction to marketing leisure programs, services, and facilities. Media strategies and applications specific to the leisure field will be studied.

PET 4602. Planning and Maintenance of Facilities in Leisure Systems (3). Provide basic information for the planning and maintenance of leisure areas and facilities.

PET 4703. Introduction to Therapeutic Recreation (3). An in-depth survey of the field of therapeutic recreation practice including its historical, philosophical, and professional administrative concerns to service participation in health care industries, and professional issues relevant to therapeutic recreation professionals.

PET 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.

PET 4816. Leisure Education (3). This course focuses upon developing an understanding of the goals, objectives, and philosophies of leisure education. It also includes the methods and techniques utilized to teach for leisure as well as planning and implementing leisure education in a variety of settings.

PET 4881. Assessment, Research, and Evaluation in Leisure Systems (3). Enables students to assess leisure functions, methods, and abilities of students to understand and critique research findings in leisure settings.

PET 4906r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

PET 4912r. 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.

PET 4930r. Seminar in Leisure Studies (1–3). An analysis of selected topics in the field of physical education. May be repeated to a maximum of twelve (12) semester hours.

PET 4930r. Special Topics in Physical Education (1–3). An analysis of selected topics in the field of physical education. May be repeated to a maximum of twelve (12) semester hours.

PET 4940r. Practicum in Physical Education (1–6). (S/U grade only.) Noncertification program. May be repeated to a maximum of thirty (30) semester hours for physical education noncertification majors only.

PET 4942r. Practicum in Sport Administration (3). Provides the student an opportunity to gain practical experience in organizational sport delivery, unique administrative concerns to service participation in health care industries, and professional issues relevant to therapeutic recreation professionals.

PET 5171. Philosophical, Social, and Behavioral Foundations of Leisure (3).

PET 5185. Current Issues in Leisure (1).

PET 5530. Problems of Staff Development (3).


PET 5815. Leisure Education (3).

PET 5889. Research in Leisure Services (3).

PET 5908r. Directed Individual Study (1–3).

PET 5915r. Supervised Research (1–4). (S/U grade only.)

PET 5930r. Special Topics in Recreation and Leisure Services (1–3).

PET 5941. Practicum in Leisure Services (9).

PET 5944r. Fieldwork in Leisure Services (1–3).

PET 5945r. Supervised Teaching (1–5). (S/U grade only.)

PET 5950. Field Laboratory Internship (1–8). (S/U grade only.)

PET 5962r. Practicum in Sport Administration (3).

PET 6418. Seminar in Administration of Physical Education and Athletics (3).

PET 6419. 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 6790. 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 Statistics

College of Arts and Sciences

Chair: Myles Hollander; Director, Statistical Consulting Center: Zahn; Professors: Hollander, Huffer, McGee, McKeague, Sethuraman, Zahn; Associate Professors: Niu, Song, Srivastava, Wegkamp; Visiting Assistant Professors: Bunea, Chattopadhyay, Chicken, Dixon; Assistants in Statistics: Bose, Ransnier, Professors Emeriti: Basu, Bradley, Lesieifler, Marsaglia, Proschan

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 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 pharmaceutical 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. In the curriculum emphasis is placed on 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, individualized planning of 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, 4203, 4222, 4502, and 4702, and 4853.

The Department of Statistics maintains a laboratory for computational visualization, 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, plus a laboratory for computational visualization 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. There are prerequisite and core-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 4322 and 4442.

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 CGS 3408 or 3460; MAC 2312, 2313, and MAE 1105. A grade of “C-” or better must be earned in each course.

STA 4322 and 4442 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 4442. (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. Other statistics courses 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 4322 and 4442 or 3032, plus six (6) hours selected from any of 4102, 4202, 4203, 4222, 4502, 4702, and 4853.

Definition of Prefixes

EGN — General Engineering
QMB — Quantitative Methods in Business
STA — Statistics

Undergraduate Courses

ISCI 4919r. 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.

EGN 3443. Statistical Topics in Engineering (3).

Prerequisite: MAC 2312. Basic statistical analysis, sample and populations, variability, hypothesis formulation, and data analysis. Use of computer software and interpretation of results.

QMB 3200. 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 risks.


Pre-Requisite: 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 earn a “C-” or better on the AP Statistics exam will be given 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 3419r. Introduction to Applied Statistics (4). Pre-Requisite: MAC 1105. Subsequent credit for STA 5216 is not permitted. No credit is given for STA 2122 if a “C-” or better is earned in STA 2121, 3032 or QMB 3200. Only two (2) hours credit given for STA 2122 if “C-” or better 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 previously been earned in STA 2023. No credit is given for STA 2171 if “C–” or better has been previously earned in STA 2023. Two (2) semester hours of credit are given for STA 2172, 2171, or 4442. 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.

STA 3024. Intermediate Applied Statistics (3). Prerequisite: STA 2172 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. Probability and Statistics for Sciences and Engineering (5). Prerequisite: MAC 2312. Only two (2) semester hours of credit is given for STA 3032 if “C–” or better previously has been earned in STA 2122, 2171, or 4442. This course will cover calculus-based probability, discrete and continuous random variables, joint distributions, sampling distributions and the central limit theorem. Topics include descriptive statistics, sampling distributions, the central limit theorem, probability, special distributions, sampling distributions, estimation, tests of hypotheses, regression, one way ANOVA. Credit for STA 4442 is not permitted if “C–” or better has been previously earned in STA 3032. Subject credit for STA 5440 is not permitted. Random variables, probability distributions, independence, sums of random variables, generating functions, central limit theorem, laws of large numbers.

STA 4502. Applied Nonparametric Statistics (3). Prerequisite: A course in statistics above STA 1013 or consent of instructor. Subject credit for STA 5507 is not permitted. Application of nonparametric tests, estimates, confidence intervals, and multiple comparison procedures.

STA 4664. Statistics for Quality and Productivity (3). Prerequisites: STA 4322 or consent of instructor and one of STA 2122, 2171, 3032, or 4442. Deming’s ideas, graphical methods, control charts, design of experiments for product and process improvement.

STA 4702. Applied Multivariate Analysis (3). Prerequisite: STA 4203 or 4322. Subject credit for STA 5707 is not permitted. Principal components and factor analysis, canonical correlation, discriminant analysis, multivariate analysis of variance, multidimensional contingency tables, cluster analysis.

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, autocovariance and autocorrelation functions, model identification, forecasting techniques, seasonal model identification, estimation and forecasting, intervention models for transfer function model identification, evaluation and forecasting. Subject credit for STA 5856 is not permitted.

STA 4905R. 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 programs 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 5225. Sample Surveys (3).

STA 5238. Applied Logistic Regression (3).

STA 5244. Clinical Trials (3).

STA 5325. Mathematical Statistics (3).

STA 5326. Distribution Theory and Inference (3).

STA 5327. 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 5507. Applied Nonparametric Statistics (3).

STA 5619. Operations Research: Linear and Dynamic Programming (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. Directed Individual Study (1–12). (S/U grade only.)

STA 5910R. Supervised Research (1–5). (S/U grade only.)

STA 5920R. Statistics Colloquium (1). (S/U grade only.)

STA 5934R. 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).

STA 5939. Introduction to Statistical Consulting (3). (S/U grade only.)

STA 5940R. Supervised Consulting (1–3). (S/U grade only.)

STA 5941R. Supervised Teaching (1–5). (S/U grade only.)

STA 6174R. Advanced Methods in Tax Accounting (3).

STA 6246R. Advanced Topics in Applied Statistics (2–3).

STA 6346. Advanced Statistical Inference (3).

STA 6466. Advanced Probability (3).

STA 6468R. Advanced Topics in Probability and Statistics (2–3).

STA 6555. Nonparametric Curve Estimation (3).

STA 6609. Spatial Statistics (3).

STA 6658. Advanced Time Series Analysis (3).

STA 6690R. Directed Individual Study (1–12). (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.

TAX ACCOUNTING: see Accounting
Department of 
TEXTILES AND 
CONSUMER SCIENCES

COLLEGE OF HUMAN SCIENCES

Chair: Rinn M. Cloud; Professors: Cloud, Goldsmith, Moore; Associate Professors: Fiorito, Grise, Heitmeyer, Sullivan; Assistant Professors: Black, Kind; Visiting Assistant Professor: Kim; Associate in Merchandising: Mclaughlin; Visiting Assistant in Historic Textiles: Blanco; Visiting Instructor: Hattaway; Professors Emeritus: Adam, Avery, Davis, Edgeworth, Kittles, Kuehne, Warden; Eminent Scholar: Susan Watkins

http://www.chs.fsu.edu/ics

From the hustle and bustle of the New York garment district 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 housing 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 20 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 multifamily dwellings. The Burdines Merchandising Technology Laboratory provides computer simulations of merchandise presentation techniques and hands-on experience with inventory management software. 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 and housing programs, 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. Student organizations such as Fashion, Inc., the Collegiate Merchandising Association, the student chapter of the American Association of Textile Chemists and Colorists, and the Residential Science Organization 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 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:

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.

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 advisor early in their junior year.

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 and completion of all math requirements. A separate application to the department is not required.

To remain in good standing in the program, students in the merchandising and housing/residential science majors must achieve and maintain a GPA of 2.5, while those in apparel design or textiles must achieve and maintain a GPA of 2.4. Students must be in good standing to take senior-level classes, to intern, and to graduate.

Faculty advisors are designated for each major and a full-time professional advisor is assigned to work with freshmen and sophomores. Students are expected to attend group advising sessions each semester and to meet with an advisor as needed. Advisors 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 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 guide sheets are available from the department office.

**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 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.

**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 and psychological 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, CET 1310, may be exempted by examination and replaced with an additional psychological or creative course for students with previous design experience. Certain CET courses are offered on a credit/no credit basis.

Design students are expected to have a sewing machine for working on projects outside of class by the time they enter CET 3319 (first semester of sophomore year). A grade of “C-” or better must be achieved in all courses required for the major. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our website. 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**

Merchandising students are required to complete an internship (CTE 4882) during one semester of their senior year. The internship provides the student with a chance to apply classroom learning to actual work experience. A student must have an overall University GPA of 2.5 in order to take CTE 4822, to take the intern block courses and to be eligible for internship. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, and to intern and to graduate.

Three merchandising block courses and an internship preparation course are taken during the first half of the intern semester. All material normally covered in a full semester, including the final examination, is completed during the accelerated period. The second half of the semester is the off-campus internship or practicum. The student is responsible for assisting students in identifying potential internship positions and, through a process explained during the intern block course work, for approving the placement of students. The intern may be paid as an employee by the company and the student is responsible for any assignments given by the department and the company. The internship student is also responsible for assisting students in identifying potential internship positions and, through a process explained during the intern block course work, for approving the placement of students. The intern may be paid as an employee by the company or may not receive compensation, depending on the policy of the host company. During the internship, the student is responsible for designers to develop concepts and principles are applied to a wide range of softgoods products with particular emphasis on apparel and interior textiles. Students who minor or double major in merchandising may also find employment in textile marketing.

A grade of “C-” or better must be achieved in all courses required for the major. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our website. 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, and to graduate.

**Housing**

Note: due to the pending changes in this major program, please refer to http://www.chs.fsu.edu/ hcs for the most recent information concerning this information.

The housing major focuses on the management of residential environments. Students may select from two areas of emphasis: residential property management or interior products retailing. Regardless of emphasis, an internship is required. The housing program is supported by an advisory board with representatives from residential property management firms and their vendors.

The residential property management emphasis combines an interest in the residential environment with the business, social, and creative aspects of developing and managing multi-family 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 and managing a variety of residential properties, including student housing, affordable housing, commercial housing, military housing, retirement communities, and new communities.

The textiles program prepares students for a variety of challenging careers in textile production, 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 strategies and principles are applied to a wide range of softgoods products with particular emphasis on apparel and interior textiles. Students who minor or double major in merchandising may also find employment in textile marketing.

A grade of “C-” or better must be achieved in all courses required for the major. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our website. 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, and to graduate.
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 open throughout Florida and the nation. Internships from companies represented on the advisory board are available readily for well qualified students. Specific requirements related to the internship and forms for applying are available from the residential science intern coordinator.

The emphasis in interior products retailing combines residential science courses with a minor in retail management. Students prepare for entry-level management positions with home and interior products retailers and interior decorator firms. Internships are available across a wide geographic area. For guidelines regarding the retail management minor and its internship requirements, please refer to the ‘Minor In Retail Management’ subsection below.

A grade of “C–” or better must be achieved in all courses required for the major. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on our website. 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

Minor in Consumer Products and Process

This minor provides basic knowledge of selected consumer products and the process by which they flow to the consumer. It is useful to anyone in a career providing goods or services to consumers or families.

Requirements. COA 3315; CTE 1401, 3806, and HHD 3120; plus two courses from the following: COA 4131; CTE 3602, 4460; HHD 3130; HME 4221.

Minor in Retail Management

Due to the multifaceted nature of their operations, retail companies hire graduates from a wide variety of majors but give preference to those with retail training and experience. The minor in retail management focuses on store management, providing students with a basic foundation in retail store operations and merchandise management. The minor consists of eighteen (18) semester hours (excluding prerequisites) including an internship in a retail setting. Prerequisites for the minor are ACG 2011 or STA 1013 or 3014; ECO 2013 or 2023; MGF 1106 or 1107 or MAC 1102 or 1105 with a “C–” or better; and MAR 3023. In the two semesters prior to the internship, students must complete the first six (6) semester hours of the minor: CTE 3806 and 4822, respectively.

Students must have completed at least ninety (90) semester hours, including the above listed courses, and have at least a 2.5 GPA to be eligible to enroll in CTE courses beyond CTE 3806 and to intern. During the semester of the internship, the students complete CTE 4811, 4882 (five [5] semester hours), 4890, and 4892 (one [1] semester hour). Please read the information regarding internships for merchandising majors that describes how the intern program works and the policies under which it operates. Students desiring to minor in retail management should make an appointment with the department’s intern coordinator as soon as possible after reaching junior status. Careful, long-range planning is required to schedule courses and internships. Majors have registration priority over minors.

Minor in Textiles

This minor imparts basic knowledge in the area of textile science to students in other disciplines such as housing, interior design, chemistry, engineering, criminoology, and communication. The requirements include CTE 3315, COA 4944r, 3784, 4421, 4441C, 4442C. Departmental majors who desire a minor in textiles must take at least twelve (12) semester hours not required in their major.

Definition of Prefixes

ACO — 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 4131. Family Financial Analysis (3). Prerequisites: Junior standing, economics recommended. Principles and problems of money management, credit, insurance, housing, transportation, taxes, and investments.

COA 4905r. Directed Individual Study in Family Economics and Home Management (1–3). May be repeated to a maximum of six (6) semester hours as topics vary.

COA 4935r. Special Topics in Consumer Economics: Topics Vary (3–9). Study of various consumer or resource management issues/trends. 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.

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 coloring. Interrelationships between textile characteristics, properties, and end-use requirements.

CTE 1401r. Apparel Textiles Laboratory (1). Prerequisite: CTE 1401. Laboratory identification and analysis of apparel textiles for end-use performance. Hands-on experience in the identification and analysis of fibers, yarns, fabrics, finishes, and textile coloration.

CTE 3201. Visual Design in Clothing and Textiles (3). Introduction to design as process and product; clothing and textiles applications of functional, structural, and decorative design; optical illusions; art elements and principles; design analysis.

CTE 3319. Intermediate Apparel Construction (3). Prerequisite: CTE 1310 (“C–” or better). Corequisite: CTE 7842. Prerequisites: CTE 3001, 1401L. Intermediate principles and techniques of apparel construction using original student design and pattern work. Open to apparel design majors only. (Fall semester only.)

CTE 3341. Advanced Clothing Construction (3). Prerequisites: CTE 1401, 1401L, 3201, 3519, 3742 (“C–” or better). Developing skills in visual and practical aspects of apparel design, construction, and tailoring. Open to apparel design majors only. (Spring semester only.)

CTE 3345r. Apparel Textiles Laboratory (1–6). Prerequisite: CTE 1401. Topics in textile product development. Focus on stages of product development for specific end-use applications. May be repeated to a maximum of six (6) semester hours when topics vary. (Alternate Spring semester only.)

CTE 3515. History of Clothing and Textiles I (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.

CTE 3516. History of Clothing and Textiles II (3). Introduction to the behavioral aspects of clothing. Behavioral theories that govern the use of clothing in various cultural contexts.

CTE 3734. Fashion Design and Illustration (3). Prerequisites: CTE 1310, 1401, 1401L, 3201, 3319, 3742 (all “C–” or better). Developing skills in visually present creative apparel design. Open to apparel design majors only. (Spring semester only.)

CTE 3735. Fashion Design and Illustration (3). Prerequisites: CTE 1310, 1401, 1401L, 3201, 3014. Developing skills in visually present creative apparel design. Open to apparel design majors only. (Fall semester only.)


CTE 3784. Apparel Production (3). Prerequisites: CTE 1401, 1401L, and 3431 or 3434. Junior standing. Analysis of apparel production methods and related functions such as the role of the designer, forecasting fashion, and garment costing. (Fall semester only.)

CTE 3806. Merchandising Principles (3). An overview of businesses that design, produce, distribute and sell fashion and basic garments. Theories and fundamental applications of the principles of retail merchandising. Career opportunities in retail organizations.

CTE 3835. Merchandise Presentation and Inventory Analysis (3). Prerequisites: MAP 1105 or MGF 1106 or 1107; ACG 2011; CTE 3806 (all “C–” or better). Analysis of consumer trends, inventory needs, and merchandise presentation methods to drive a business from a store and buying perspective using visual merchandising methods, current inventory analysis software, retail store reports, and the Burdines Merchandising Technology Laboratory.

CTE 3881. Pre-Professional Merchandising Field Experience (3). Prerequisites: CTE 1401, 1401L, 3201, 3319 or 3720, 3746 or 3763, 3806; 2.5 GPA, and prior approval of the intern coordinator. This optional pre-internship course is designed to introduce the student to a hands-on approach to basic retail merchandising in the following areas: selling, merchandising, product knowledge, inventory control and management.

CTE 4421r. Advanced Topics in Textiles (3–9). Prerequisites: CTE 1401, 1401L. Topics of current technology and research in textile science. Specific topics will vary. May be repeated to a maximum of nine (9) semester hours when topics vary. (Alternate Spring semester only.)

CTE 4441C. Textile Testing and Evaluation (3). Prerequisites: CTE 1401, 1401L. Physical/chemical evaluation of textile materials for specific end uses and compliance with industry specifications, certain performance standards, and government regulations. Emphasis on properties influencing color and color loss, moisture content, detergent and refurnishability, and physical properties that influence safety and functional performance. (Fall semester only.)

Textile Testing and Evaluation (3). Prerequisites: CTE 1401, 1401L. Physical/chemical evaluation of textile materials for specific end uses and compliance with industry specifications, certain performance standards, and government regulations. Emphasis on strength, elasticity, flexibility, frictional wear, thermal transmission/resistance and other physical/mechanical properties that influence durability and comfort. (Spring semester only.)

CTE 4440r. Textiles in the Global Economy (3). Prerequisite: CTE 1401. Global perspective on economic factors of production, distribution, and consumption of textile products. Impact of the legislation, regulations, and international trade on the global textile and apparel market. (Spring/Summer semesters only.)
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. Consumer Education Practicum (3–6).

COA 6936r. Special Topics: Consumer Economics or Resource Management—topics vary (3–9).

CTE 5426. Recent Developments in Textiles (3).

CTE 5535r. Advanced History of Costume (3).

CTE 5536r. Selected Studies in Historic Textiles (3).

CTE 5605. Theoretical and Cultural Aspects of Clothing (3).

CTE 5729. Experimental Clothing Design (3).

CTE 5754r. Advanced Draping (3).

CTE 5766r. Creative Design: Exhibition and Competition (3).


CTE 5815. Retail Technologies (3).

CTE 5816. Merchandising Organization (3).

CTE 5828. Merchandising Buying (3).


CTE 5834. Merchandising Theory and Research (3).

CTE 5884. Advanced Fashion Merchandising Practicum (4). (S/U grade only.)

CTE 5906r. Directed Individual Study (1–3).

CTE 5911. Research Analysis in Clothing and Textiles (3).

CTE 5912r. Supervised Research (1–3). (S/U grade only.)

CTE 5930r. Clothing and Textiles Seminar (1).

CTE 5942r. Supervised Teaching (1–3). (S/U grade only.)

CTE 6900r. Readings in Clothing and Textiles (1–3). (S/U grade only.)

CTE 6922r. Clothing and Textiles Seminar (1).

CTE 6936r. Special Topics in Clothing/Textiles/Fashion Merchandising (3).

HED 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 6936r. Special Topics in Housing: Topics Vary (3).

HOE 6938r. Seminar 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.
THEATRE

SCHOOL OF THEATRE

Professors: Baker, Byrnes, Chappell, Dahl, Jordan, Judy, Lazier, Muscha, Richley, Simmons, Wood

Theatre Directors: Professors: Cooper, Gelabert, Hogan, Leahy, Lickson, Redmond;
Assistant Professors: Archbold, Coleman, Edmondson, Gonzalez, Hale, Sandahl; Visiting Associate Professor: Steger; Burt Reynolds Eminent Scholar Chair in Theatre: Medoff; Hoffman Eminent Scholar Chair in Theatre: TBA; Visiting Eppes Professor: Alexander; Visiting Artist in Residence and Professor: Sherin; Professor Emeritus: Fallon

The School of Theatre is a fully accredited member of the National Association of Schools of Theatre, and its degree requirements are in accordance with the latest published regulations of that association. The School of Theatre offers degrees and courses that are offered at both undergraduate and graduate levels. In order to major in theatre, a student must meet with an academic advisor in theatre. Several programs require an audition and/or interview for entrance.

The bachelor of arts (BA) is a flexible, broad-based liberal arts degree, providing a basic knowledge and experience in the arts. The bachelor of fine arts (BFA) offers an intensive program of training in acting, design, technology, or music theatre. The master of arts/master of science (MA/MS) degrees offer a blend of academic courses and production training on an advanced level. The master of fine arts (MFA) degree program is designed to achieve professional-level competencies in either acting, directing, scene design, costume design, lighting design, technical production, or theatre management. The doctor of philosophy (PhD) in theatre is a research degree that indicates the perfection of individual skills in theatre scholarship.

The School of Theatre 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.

For complete details of degree requirements, plus a directory of the school, its facilities, and opportunities, refer to the “School of Theatre” chapter of this General Bulletin, or visit http://theatre.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. THE X305 or THE X300;
2. THE X925;
3. TPA X290;
4. TPA X200 or TPA X210;
5. TIP X190 or TIP X110;
6. Nine (9) additional semester hours of any combination of THE, TPA, and TPP courses.

Definition of Prefixes

THE — Theatre Studies and General Requirement
TPA — Theatre Production and Administration
TPP — Theatre Performance and Performance Training

Undergraduate Courses

THE 2000 — Introduction to Theatre (3). For nonmajors. Historical development, basic elements for appreciation and evaluation of production, and performance. Offered in Fall semester depending upon instructor. May be repeated to a maximum of six (6) semester hours.
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. Offered in Fall semester. 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 Greeks to present. This course is a prerequisite for THE 4110, 4111, 4236, 4242, 4245, 4260, and 4481.
THE 3931r — Introduction to Theatre in London (3). This introductory course is designed to acquaint students with the components of the theatrical experience as they relate specifically to acting and drama in London. It is to be offered only at The Florida State University London Study Center. It should be viewed as a companion class to THE 2000 Introduction to Theatre for nonmajors, but may be taken independently. It makes use of the theatrical resources in the city of London, including attendance at leading theatres, backstage tours, and lectures by prominent theatre artists.
THE 3214 — World Theatre History II (3). Explores the staging practices and dramatic literature from the 19th century to the present. Specific units include romanticism, melodrama, the rise of realism, avant-garde theatre movements (both American and European) of 1960s–1990s, and contemporary dramatic theory.
THE 3904 — 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 4110 — European Theatre History I (3). Prerequisite: THE 2100. An in-depth study of European theatre history after the Renaissance, with a major emphasis on the modern era (1870 to the present).
THE 4111 — European Theatre History II (3). Prerequisite: THE 2100. An in-depth study of European theatre history after the Renaissance, with a major emphasis on the modern era (1870 to the present).
THE 4236 — A Cultural History of the American Theatre and Drama from Beginnings to Present (3). Prerequisite: THE 2100. Examination of American theatre and drama in its cultural and social context.
THE 4244 — Musical Theatre History I (3). Prerequisite: THE 2100; MUL 2211; DAN 4115; or instructor approval. A survey of the musical theatre from the 1940s, including the development of comic opera, operetta, the revue tradition, and musical comedy.
THE 4245 — Musical Theatre History II (3). Prerequisite: THE 2100; MUL 2211; DAN 4115; or consent of instructor. A survey of musical theatre in America since the 1940s, including Rodgers and Hammerstein, Leonard Bernstein, Sondheim, the Black musical, and the rock musical.
THE 4260 — Historic Costume for the Stage (3). Prerequisite: THE 2100. Survey of history of Western clothing and relationship to stage.
THE 4285 — 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 1930’s.
THE 4305 — Play Analysis (3). Line by line script examination, analyzing how playwrights have achieved characterization, structure, and plotting. Prerequisite for TPP 4409 and THE 4438.
THE 4423 — Latin American and Caribbean Theatre (3). Prerequisite: THE 2100. Examination of the cultural and artistic origins of Latin-American and Caribbean Theatre. Course includes reading and discussion of plays and articles concerning theatre of various regions.
THE 4433 — Gender, Race and Performance (3). Advanced introduction to contemporary theories and practices of performance of race/gender on stage and in everyday life using feminist theories of performance. Read plays by women of color, while women, one explores gender.
THE 4438 — African Theatre Performance (3). Through an exploration of precolonial performance traditions, written performance, and subsequent developments in performance, students examine the cultural and political complexities of selected countries of sub-Saharan Africa.
THE 4481 — Drama and Metaphor (3). Prerequisites: THE 2100; 4305; and/or 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, cultural background and biography, production history and text preparation.
THE 4905r — 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). A laboratory theatre experience. Varies in division and credit hour value. May be repeated to a maximum of six (6) semester hours.
THE 4917r — Honors Work (1–6). Open only to students in an honors program. Corequisites: Course work culminating in an honors thesis. May be repeated to a maximum of nine (9) semester hours.
THE 4990r — Directed Individual 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.
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 fifty (50) hours in Theatre, and corequisites: May be repeated to a maximum of nine (9) semester hours.
THE 4999r — Theatre Forum (0). (S/U grade only) Required each semester for undergraduate majors. 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 design.
TPA 2200C — Introduction to Stage Craft (3). Studies and practice in the construction, handling, rigging and shifting of scenery.
TPA 2201r — Introduction to Technical Theatre (3). This introductory course is designed to acquaint students with the technical concepts 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 Theatre Laboratory (2). Students will gain direct experience in scene, costume or lighting production.
TPA 2211 — Principles of Technical Theatre (3). Prerequisites: TPA 2001 and 2201L. 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 materials will be investigated.
TPA 2214 — Introduction to Lighting and Sound (3). Prerequisites: TPA 2201 and 2201L. This course offers an in-depth study of the technology of lighting and sound design, with an emphasis on the use of technology to enhance the realization of a lighting or sound design.
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 period required] (3). Designed to give the student practical experience in the nonacting areas of theatre production, to include running the box office, disseminating publicity materials, makeup and costume or lighting production, and techniques for costume construction in practical situations, and serving on lighting, running, or maintenance crews.
TPA 3208 — Drafting I (3). Prerequisites: TPA 2201. Introduction to tools and techniques, including preparation of plans showing construction details and personnel.
TPA 3320 — Costuming I (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 4104. Model Making (3). This course acquaints students with current model building techniques and systems. Students will gain experience in constructing most of the elements of set design with models, working with materials 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 researches and expresses his/her art. The course includes script analysis, producing light plots, and drafting.

TPA 4021. Lighting Design II (3). Prerequisites: TPA 3208, 4020. This course is an overview of the lighting design process for a variety of productions and the tools and techniques to create a finished product. Emphasis is on script analysis. Content includes instruction in the creation and use of paperwork as well as practical aspects of lighting in both the proscenium and non-proscenium venues.

TPA 4024. 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 4040. Costume Design for the Stage (3). Prerequisite: THE 4260 or consent of instructor. Exploration of the elements and principles of design as they relate to stage costume work. Includes the design process and the various tools by which a costume designer researches and expresses his/her art. The course includes script analysis, constructing makeup, hair and wigs.

TPA 4060. Principles of Scene Design (3). Prerequisite: TPA 2058. Beginning design techniques including ground plan, perspective, and constructing mini-sculptures.

TPA 4064. 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 introduces students to professional scene painting. TPA 4077 with non-traditional scenic techniques and non-traditional materials.

TPA 4084. Advanced 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 for the cutting and welding of metals used in scenery construction.

TPA 4255. Theatrical Lighting Technology (3). Prerequisite: TPA 3250 or consent of instructor. Basic study of electrical equipment, theories and techniques for the use of electrical components and their application in theatrical settings. Emphasis on hands-on experience and practical techniques.

TPA 4234. Costume Crafts (3). Exploration of various costuming techniques such as working with various fabrics, such as plastic, 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 Patternmaking (3). Prerequisite: TPA 3230. This course introduces undergraduate students studying costume and design to various methods of designing and constructing patterns. Methods to be examined include drafting, flat patternmaking, and draping.

TPA 4240. Advanced Costume Draping (3). Prerequisite: TPA 4239 or permission of instructor. This course offers advanced study in costume patternmaking, with an emphasis on draping techniques. It is a project-oriented course with an emphasis on both historical and theatrical interpretations.

TPA 4244. Fabric Modification for Stage Costumes (3). A survey course on various dimensional fabric techniques as they relate to theatrical costumes. Basic techniques covered include dyes, painting mediums, printing processes, and constructing materials. Students will learn how to work with a variety of materials and fabrics and how to apply them in the context of the historical and contemporary theatrical tradition.

TPA 4246. Designing and Constructing Makeup, Hair, and Wigs (3). Prerequisites: TPA 4260; TPA 2000, 4050. This course examines the makeup, hair, and wig techniques utilized in the theatrical tradition. Students will develop an understanding of the history of these techniques and how they are used in the creation of a variety of theatrical and non-theatrical styles.

TPA 4250. Introduction to the Stage (3). Students will begin 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).

TPP 4000. Theatre Management (3). Designed to provide an introduction to the economic and managerial aspects of American theatre especially as they apply to nonprofit and regional theatre management.

TPP 4601. Stage Management (2). Methods and techniques of managing simple dramatic shows to complex multi-media productions in the theatre majoring in a MFA program. Consent of instructor required.

TPP 4905r. Directed Individual Study I–3. May be repeated to a maximum of (8) semester hours.

TPP 4922r. BFA Design/Technology Workshop (Pre). Prerequisite: BFA candidates only. Evaluation and supervision of all design work with emphasis on practical applications. May be repeated to a maximum of (8) semester hours.

TPP 4940r. Internship in Stage Design, Technical Management, and Lighting Design (Pre). Prerequisite: TPP 4210r. Internship in the technical and management processes of acquiring and using scenic elements. Scenic study and monologues performed in depth. Content may vary from semester to semester. May be repeated to a maximum of (6) semester hours.

TPP 4990r. Directed Individual Study I–3. May be repeated to a maximum of twelve (12) semester hours.

TPP 4992r. Performance Workshop in Acting/Directing (2). Prerequisites: BFA candidates only; permission of instructor. Course provides evaluating, systemization, supervision, and critiques for performance work required for BFA program. May be repeated to a maximum of ten (10) semester hours.

TPP 4992r. Musical Theatre Workshop (2). Prerequisites: BFA candidates only; permission of instructor. Course provides evaluating, systemization, supervision, and critiques of all performance work required for BFA program. May be repeated to a maximum of eight (8) semester hours.

TPP 4994r. Internship in Theatre Performance I–3. (5/4 unit 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.

Graduate Courses

THE 5084r. Theatre Problems (3). Prerequisites: THE 5120, 5191, 5260, 5280.

THE 5119r. Masters of Modern Drama (3). Prerequisites: THE 5120, 5191, 5260, 5280.

THE 5120. Advanced Theatre History I: Classical and Medieval (3).

THE 5130. Advanced Theatre History I: Renaissance and 18th Century (3).

THE 5160. Advanced Theatre History III: 19th and 20th Centuries (3).


THE 5246. Musical Theatre History I (3).

THE 5247. Musical Theatre History II (3).

THE 5265r. Historical Costume II (3).

THE 5273r. Seminar: Selected Topics in History of Performance (Acting and Directing) (3).


THE 5287. History of Architecture and Decor (3).

THE 5317r. Seminar: Selected Topics in Dramatic Literature and Dramatic Theory (3).

THE 5347. Gender, Race, and Performance (3).


THE 5485. Shakespearean Dramaturgy (3).

THE 5486. Graduate Dramaturgy (3).


THE 5541. Seminar in Theatrical Theory: The Dramatic Tragic Form (3).


THE 5570. of six 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 (3). (S/U grade only.)
THE 5910. Theatre Bibliography and Research (3).
THE 5916r. Selected Topics in Technical Theatre (3).
THE 5918r. Theatre 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 Potential (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 II (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 5235r. 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 5285. Technical Production and Management (3).
TPA 5286. Selected Topics in Technical Theatre (3).
TPA 5287. Advanced Costume Patterning (3).
TPA 5385. 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 5561. 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, Stiftel, Thompson; Associate Professors: Audiar, Deyle, Doan, Miles; Assistant Professors: Brown, Chapin, Smutny, Thomas; Planner-in-Residence: Higgins; 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, roads 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 accommodate 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 varying 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 sciences, physical or natural sciences, business, engineering, design professions, 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, organizations, 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. Electives 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

URP 3000 Introduction to Planning and Urban Development
URP 4022 Collective Decision Making

Elective Courses (Choose Two)

URP 4314 Introduction to Growth Management and Comprehensive Planning
URP 4402 Sustainable Development
URP 4423 Introduction to Environmental Planning and Resource Management
URP 4618 Introduction to Planning for Developing Regions
URP 4710 Introduction to Transportation Issues and Transportation Planning
URP 4741 Introduction to Issues in Housing and Community Development
URP 4936r Special Topics in Urban and Regional Planning

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 certificate coordinates 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’s degree. Principles of Microeconomics (3). The second course should be chosen from a list available from the undergraduate program advisor.

Pre-graduate Minor 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. To be admitted to the program, students must have a minimum GPA of 3.0 and maintain a cumulative grade point average 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 who have taken or are registered for URP 3000. Students completing this program with an upper-division GPA of at least 3.2 qualify for advanced standing toward 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

URP 3000 Introduction to Planning and Urban Development

Elective Courses (Choose One to Four)

URP 5101 Planning Theory and Practice
URP 5125 Plan Implementation
URP 5201 Methods of Planning Analysis I: Research Foundations
URP 5211 Methods of Planning Analysis II: Statistics
URP 5312 Issues of Comprehensive Planning and Growth Management
URP 5421 Introduction to Environmental Planning
URP 5424 Sustainable Development Planning in the Americas
URP 5610 Introduction to Planning for Developing Regions
URP 5711 The Transportation Planning Process
URP 5742 Problems and Issues in Housing and Community Development
URP 5847 The Growth and Development of Cities

Note: 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 included in the list above.

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 Cultures; and 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. Three-hour course intended to provide an understanding of the role of planning in formulating policy, meeting critical problems, and shaping the future urban environment.

URP 3940r. Cooperative Education Work Experience (0, S/U grade only)

URP 4022. Collective Decision Making (3). Prerequisites: URP 3000 or permission of instructor. Outlines effi-
Planning Methods

URP 5201. Methods of Planning Analysis I: Research and Evaluation (3).
URP 5222. Policy Analysis for Planning Decisions (3).
URP 5257. Fiscal Impact Analysis (3).
URP 5261. Methods of Planning Analysis III: 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).

Coastal Planning (3).
Sustainable Development Planning in the Americas (3).
Methods of Environmental Analysis (3).
Environmental Legislation and Policy (3).
Pollution Control (3).
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).

Infrastructure and Housing in Less Developed Countries (3).
Problems and Issues in Housing and Community Development (3).
Neighborhood Planning (3).
Housing and Community Development Methods (3).
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 5905c. Directed Individual Study (1–3). (S/U grade only.)
URP 5910c. 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 Special Education
Program in
WOMEN'S STUDIES

COLLEGE OF ARTS AND SCIENCES

Director: Joyce Carbonell (Psychology/ Women's Studies); Participating Faculty:
Hartwell (Art); Finnegan (Art Education); Bearor (Art History); Gilmer (Chemistry), N. DeGrummond, Fulkerson, Sickinger, Tatum (Classical Languages, Literature, and Civilization); Jordan, Laurents, Nudd (Communication); Young (Dance); MacDonald, Monkman, Schwartz (Educational Leadership and Policy Studies); Cooper, Edwards, Gardner, Goodman, Laughlin, McGregor, Montgomery, Ortiz-Taylor, Picart, Rowe, Saladin, Walker (English); Green, Hadden, Herrera, Sinko (History); Boutin, Cappuccio, Cloonan, Graham-Jones, Poey, Stanley, Walters at The Strozier Library and in the ex-
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 critical thinking, 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 Humans and an interdisciplinary minor at the undergraduate, MA, and PhD levels.

For more information and updates visit the Women's Studies Program website at http://www.fsu.edu/~womenst.

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’s (BA) degree, but only three (3) semester hours will be accepted toward 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 4931r, 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</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>
<tr>
<td>AMH 4565</td>
<td>Colonial and Revolutionary Era American Women’s History (3)</td>
</tr>
</tbody>
</table>

Group B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLA 3501</td>
<td>Gender and Society in Ancient Greece (3)</td>
</tr>
<tr>
<td>CLA 3502</td>
<td>Women, Children and Slaves in Ancient Rome: The Roman Family (3)</td>
</tr>
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</table>

Group C

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>REL 3145</td>
<td>Gender and Religion (3)</td>
</tr>
<tr>
<td>REL 3146</td>
<td>Gender and the Bible (3)</td>
</tr>
<tr>
<td>REL 3337</td>
<td>Goddesses, Women and Power in Hinduism (3)</td>
</tr>
<tr>
<td>REL 4671</td>
<td>Gender and Judaism (3)</td>
</tr>
</tbody>
</table>

Group D

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>ANT 4302</td>
<td>Sex Roles in Cross-Cultural Perspective (3)</td>
</tr>
<tr>
<td>PHM 3123</td>
<td>Philosophy of Feminism (3)</td>
</tr>
<tr>
<td>PUP 3323</td>
<td>Women and Politics (3)</td>
</tr>
<tr>
<td>SOP 3742</td>
<td>Psychology of Women (3)</td>
</tr>
<tr>
<td>SPG 4630</td>
<td>Rhetoric of Women's Issues (3)</td>
</tr>
<tr>
<td>SYD 3800</td>
<td>Sociology of Sex and Gender (3)</td>
</tr>
<tr>
<td>SYO 4374</td>
<td>Gender and Work (3)</td>
</tr>
</tbody>
</table>

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 2096, 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 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.

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 three 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

WST 3251 Women in Western Culture: Images and Realities (3)
WST 4904r Directed Individual Study (1–3)
WST 4930r Topics in Women’s Studies (3)
WST 4931 Seminar in Women’s Studies (3)
WST 4940r Women’s Studies Internship (3–6)
WST 4970r Honors Thesis—Women’s Studies (1–6)

Cross-Listed Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4561</td>
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<tr>
<td>ANT 4302</td>
<td>Sex Roles in Cross-Cultural Perspective (3)</td>
</tr>
<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>
</tr>
<tr>
<td>CLA 3502</td>
<td>Women, Children and Slaves in Ancient Rome: The Roman Family (3)</td>
</tr>
<tr>
<td>FOW 3240</td>
<td>Literature and Sexuality (3)</td>
</tr>
<tr>
<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>
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<tr>
<td>NUR 3495</td>
<td>Women’s Health Issues: Concerns Through the Life Cycle (3)</td>
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<tr>
<td>PET 4253</td>
<td>Lesbian and Gay Sport Studies (3)</td>
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<tr>
<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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<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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<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)</td>
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<tr>
<td>SYD 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>
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<tr>
<td>THE 4433</td>
<td>Gender, Race and Performance (3)</td>
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</table>

Note: see the appropriate individual departments for full course descriptions.

Graduate Courses

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>AMH 5564</td>
<td>Women in Modern America (4)</td>
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<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>
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<tr>
<td>ARH 5875</td>
<td>20th-Century Feminist Art Criticism (3)</td>
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<tr>
<td>EDA 5227</td>
<td>The Role of the Woman Administrator in Education (3)</td>
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<tr>
<td>EDF 5706</td>
<td>Gender and Education in Comparative Perspective (3)</td>
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<tr>
<td>HEE 5347r</td>
<td>International Home Economics (1–3)</td>
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<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>
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<td>PET 5257</td>
<td>Lesbian and Gay Sport Studies (3)</td>
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<td>REL 3675</td>
<td>Gender and Judaism (3)</td>
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<td>SOW 5109</td>
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<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>
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<tr>
<td>SPC 5639</td>
<td>Rhetoric of Women’s Issues (3)</td>
</tr>
<tr>
<td>SPW 5486</td>
<td>Contemporary Spanish Women Writers (3) (In Spanish)</td>
</tr>
</tbody>
</table>

SPW 5496   | Spanish-American Women Writers (3) (In Spanish) |
SYD 5817   | Contemporary Theories of Gender (3) |
SYO 5185   | Family and Work Linkage (3) |
SYO 5376   | Sociology of Gender and Work (3) |
THE 5437   | Gender, Race and Performance (3) |
URP 5544   | Gender and Development (3) |
WST 5905r   | Directed Independent Study (1–3) |
WST 5934r   | Topics in Women’s Studies (3) |
WST 5936r   | Interdisciplinary Topics in Feminist Theory (3) |

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, theater, 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 research 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 six (6) 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 women’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
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Associate Vice President for Budget, Planning and Administrative Services  Ralph Alvarez
Associate Vice President for Technology Integration  Larry Conrad
Assistant Vice President for Administrative Affairs  Perry Crowell
Assistant Vice President for Human Resources  Joyce A. Ingram
Assistant Vice President for Facilities  Dennis Bailey
Associate Vice President for Administration  Paul Strouts
Director of Business Services  Thomas Jacobson
Director of Environmental Health and Safety  David Leeka
Director of Northwest Regional Data Center  A. Victor Ferreros
Executive Director of Enterprise Resource Planning  Russ Henderson
Director of Public Safety  Carey M. Drayton
Director of Purchasing and Receiving  Marcie Doolittle
Associate Athletic Director for Financial and Support Operations  Charles Hurst
Director of Academic Business Administration  Angela Gaskins
Director of University Budget  Michael Lake
Director of Space Utilization and Analysis  Lori Pinkerton
Director of Employee Assistance Program  Bruce Prevatt
Director of Telecommunications  Harvey Buchanan
University Controller  Thomas Harrison

VICE PRESIDENT FOR STUDENT AFFAIRS
Mary B. Coburn
Associate Vice President for Student Affairs  Timothy Quinnan
Executive Assistant to the Vice President for Multicultural Affairs  Elizabeth Maryanski
Director of Career Center  Angela M. Bowen
Director of University Housing  Jeff Garis
Director of Thagard Student Health Center  Rita Moser
Dean of Students  Lesley Sacher
Director of Student Counseling Center  Barbara Varchol
Student Body President  Anika Fields
Student Body Vice President  Jarrett R. Eady
Director of Oglesby Union  Jessica Hanson
Director of Campus Recreation  Christopher Roby
Director of Center for Academic Retention and Enhancement  Alicia Crew
Director of Educational Research Center for Child Development  Angela Richardson
Director of International Center  Bridget Nwabuzor
Director of the Center for Civic Education and Service  Roberta Christie

Legal Counsel  William Moeller
UNIVERSITY FACULTY, PROFESSIONAL AND ADMINISTRATIVE PERSONNEL

Changes in faculty, professional, and administrative staff made after September 30, 2003, may not be reflected in the following list.

UNIVERSITY FACULTY

Those whose names are preceded by a dot or a plus are members of the graduate faculty. Membership on the graduate faculty falls into one or three categories on the basis of functional responsibility:

* May teach graduate-level courses and may serve as major professor for master's degree students;
* May serve as major professor for doctoral students as well;
* May serve as a member of doctoral examination committees;
* May serve on doctoral dissertation committees;
* May engage in research;
* May serve on a doctoral committee in any capacity other than as chair;
* May perform other professional administrative services.

Abbot, Fredrick M., LL.M., California at Berkeley; Professor of Law and Edward Ball Eminent Scholar in International Law

Abele, Lawrence G., Ph.D., Miami; University Provost, and Professor of Biological Science

Abe, Carol L., M.A., Visiting Associate in Research, Academic Affairs

Abele, Caroline L., Ph.D., University Libraries

Abele, Dawn B., M.A., Visiting Associate in Research, Academic Affairs

Abele, Lawrence G., Ph.D., Miami; University Provost, and Professor of Biological Science

Adair, Kerhan, Ph.D., Rensselaer Polytechnic Institute; Assistant Professor of Social Work

Adams, Allan H., D.C., Visiting Faculty Administrator and Academic Administrator, Academic Affairs, Office of the Provost and University Libraries

Adams, Rebecca J., M.L.S., Associate Librarian, University Libraries

Adams, Sandra, Ph.D., Florida; Assistant in Research, Institute for Science and Public Affairs

Adams, Todd, Ph.D., Notre Dame; Assistant Professor of Physics

Adiel, Kouacou, Ph.D., Pierre and Marie Curie University, France; Visiting Assistant in Research, Chemistry and Biochemistry

Adolph, Wolfgang E., M.A., Associate in Modern Languages and Linguistics

Adolph, Wolfgang E., M.A., Associate in Modern Languages and Linguistics

Aggarwal, Sudhir, Ph.D., Michigan; Professor and Chair of Computer Science

Aguiro, Dawn B., M.L.S., Assistant Librarian, Educational Services Program, Institute for Science and Public Affairs

Ahlquist, Jon E., Ph.D., Wisconsin; Associate Professor of Meteorology

Ahn, Toh-Kyeong, Ph.D., Indiana; Visiting Assistant Professor of Political Science, College of Social Sciences

Aikbar, Na'Im, Ph.D., Michigan; Associate in Clinical Psychology, Psychology

Al Otaib, Stephanie Dent, Ph.D., Vanderbilt University; Assistant Professor, Special Education
* Carson, James M., M.A., Ph.D., Georgia; Payne H. and Charlotte Hodges Midyette Eminent Scholar in Insurance and Professor of Risk Management and Insurance

+ Cartes, David D., Ph.D., Dartmouth College; Visiting Assistant Professor of Engineering

+ Carter, Ronald, M.D., Indiana State; Visiting Instructor of Educational Leadership

+ Casanovas, Joan, Ph.D., New York at Stony Brook; Visiting Assistant Professor of History

+ Case, Betty Anne, Ph.D., Alabama; Professor of Mathematics

* Casey, Patricia B., M.A.T., University School Assistant Professor, Florida State University School. College of Education

+ Cassert, Joan, M.A., Assistant in International Programs and Academic Administrator, International Programs and Academic Administrator

+ Caussyn, David D., Ph.D., Florida State; Assistant Scholar, Scholar/Scientist, Physics

+ Cejic, Stephen E., Ph.D., North Carolina; Professor of Finance

+ Celik, Dogan, Ph.D., Istanbul Technical University; Visiting Assistant in Research, National High Magnetic Field Laboratory

Chalmers III, Edwin L., B.F.A., Visiting Artist in Film, School of Motion Picture, Television and Recording Arts

+ Chan, Gary S., Ph.D., Virginia; Associate Professor and Senior Coordinator of Neuroscience

+ Chandra, Mannu, Ph.D., Texas A&M; Krishnamurthy Karamcheti Professor of Engineering, 2000, and of Mechanical Engineering

+ Chang, Amy A Roung Pien, Ph.D., Florida State; Assistant Professor of Biological Science, College of Arts and Sciences

+ Chiricos, Theodore G., Ph.D., Massachusetts; Professor of Criminology and Criminal Justice

+ Chiu, Tsao Y., Ph.D., Florida; Director and Professor of Research, Beaches and Shores Resource Center, Office of Research

Chang, Tenyin D., Assistant Professor of Mechanical Engineering and Mathematics, College of Arts and Sciences

+ Chang, Hong, Ph.D., University of Colorado System; Assistant in Research, Statistics, College of Arts and Sciences

* Chang, Jie J., Ph.D., Calgary; Associate Professor of Electrical and Computing Engineering, College of Engineering

+ Chang, Tenyin D., J.D., Florida; Assistant in Computer Science, College of Arts and Sciences

+ Chanton, Jeffrey Paul, Ph.D., North Carolina; John Widmar Visiting Professor of Oceanography, 2002, and of Professor of Oceanography and Geologic Sciences

Chapman, Michael S., Ph.D., California at Los Angeles; Professor, Chemistry and Biochemistry, College of Arts and Sciences

+ Chapin, Margaret C., M.A., Assistant in Research, School of Practice and Professional Studies

+ Chapman, Jake, Ph.D., University School Instructor, School of Music

+ Chapman, Steven J., B.S., Visiting Associate in Film, School of Motion Picture, Television and Recording Arts

Chatterjee, Jhunu, Ph.D., Indian Association for Cultivation of Science; Visiting/Assistant Scholar of Engineering, College of Engineering

+ Chatterhayy, Somesh, Ph.D., India; Visiting Assistant Professor of Statistics

+ Chavez-Hernandez, Maria T., M.L.S., Librarian, School of Communication

+ Chell, Ravindran, Ph.D., Massachusetts; Associate Professor of Chemical Engineering

Chen, Chi-Kai, Ph.D., Virginia; Visiting Assistant Professor of Chemical Engineering, College of Engineering

+ Chen, Ching-Kai, Ph.D., Ph.D., Western Reserve; Professor of Engineering and Mathematics, and Director, College of Engineering

+ Cheng, Quian, Ph.D., Institute of Material Medical; Visiting Assistant in Research, Chemistry and Biochemistry, College of Arts and Sciences

* Cheng, Wen-Fang, Ph.D., Indiana; Assistant in Research, School of Computational Science and Information Technology

* Cheng, Yingmei, Ph.D., Pennsylvania; Assistant Professor of Finance

Chepkko, Karen D., Advanced M.S., Assistant Librarian, Strozier Library

Chiasson, Susan, M.L.S., Assistant University Librarian, Strozier Library

+ Chiang, Chen, Ph.D., University School Instructor, Florida State University School, College of Education

+ Chilts, Matthew D., Ph.D., Texas; Assistant Professor of History

+ Chin, Wei-Chun, Ph.D., Washington; Courtesy Assistant Professor of Biological Science, College of Arts and Sciences

+ Chiricos, Christine A., M.S., Assistant in Research, School of Social Science and Public Affairs

+ Chiricos, Theodore G., Ph.D., Massachusetts; Professor of Criminology and Criminal Justice

+ Chiu, Tsao Y., Ph.D., Florida; Director and Professor of Research, Beaches and Shores Resource Center, Office of Research

+ Chodly, Katarzyna J., M.S., Assistant in Research, Biological Science

+ Chov, Sheng Yu, M.A., Research Associate, Information Studies

+ Christiansen, William A., Ph.D., Utah; Associate Professor of Finance

+ Christie, Donna R., J.D., Georgia; Professor and Associate Dean of Law

+ Christ-Janer, Arland F., J.D., Chicago; Faculty Administrator and Director, Ringling Center for the Culture of Games

+ Christle, Ranelle A., M.A., Research Associate, Learning Systems Institute

+ Christie, Randine M., Ph.D., Arizona; Assistant Professor of Information Management Sciences

+ Clappett, William, Ph.D., Minnesota; Associate Professor of Political Science

+ Clancy-Menichetti, Jeanine L., M.A., Assistant in Research, Learning Systems Institute

+ Clark, Dan O., M.M., M.S.L., Librarian, Music Library

+ Clark, Jack A., M.F.A., Associate in Dance, Dance

+ Clark, Jeffrey A., Ph.D., Illinois; Professor of Finance

+ Clark, Joseph S., M.A., Assistant in Distance Learning, Academic Affairs

+ Clark, Margaret C., M.A., Visiting Instructor Librarian, School of Music

+ Clark, Matthew R., M.S., Visiting Assistant Professor of Middle and Secondary Education, College of Education

+ Clarke, Alan J., Ph.D., Cambridge; Distinguished Research Professor, 2000–2001, Adrian E. Gill Professor of Oceanography, 2001

+ Clarke, Karen E., M.M., Professor of Music

+ Clarke, Trent R., Ph.D., Michigan; Courtesy Assistant Professor of Biological Science, College of Arts and Sciences

+ Clary, Richard S., D.M.A., Professor, School of Music

+ Clawson, Art E., M.A., Associate in Medicine, Health Affairs

+ Clayton, Carol A., Ph.D., Colorado; Associate Professor of Meteorology and Program Director

+ Cleghorn, Frank S., M.B.A., Assistant Professor of Military Science

+ Cleland, David, M.L.S., Librarian, University Libraries

+ Cleland, Jane Piper, Ph.D., Yale; Associate Professor of Music

+ Cleveland, Arthur D., M.S.W., Assistant in Social Work

+ Cloonan, William, Ph.D., North Carolina at Chapel Hill; Richard L. Chapple Professor of Modern Languages and Linguistics, 1999

+ Clos, Jonathan A., B.S., Associate in Mechanical Engineering

+ Close, Billy R., M.S., Assistant Professor of Criminology and Criminal Justice

+ Cloud, Rinn M., Ph.D., North Carolina at Greensboro; Chair and Professor of Textiles and Consumer Sciences

+ Coats, T. C., Ph.D., Nebraska at Lincoln; Robert C. Earnest Professor of Finance, 2002

+ Cobb, James H., Ph.D., Yale; Chair and Professor of Economics

+ Cocke, Steven D., Ph.D., Texas at Austin, Associate Scholar Scientist, Meteorology, College of Arts and Sciences

+ Cohen, Sarah H., M.M., Assistant University Librarian, School of Music

+ Cohen-Vogel, Lora, Ph.D., Vanderbilt; Assistant Professor of Institutional Leadership and Policy Studies

+ Cole, Cassandra R., Ph.D., Georgia; Assistant Professor of Risk Management and Insurance

+ Coleman, Felicia C., Ph.D., Florida State; Associate Scholar Scientist, Biological Science

+ Coleman, Michael J., B.S., Assistant in Research, National High Magnetic Field Laboratory

+ Coleman, Robert H., M.F.A., Assistant Professor of Theater

+ Collins, Emmanuel, Ph.D., Purdue; Associate Chair and Professor of Mechanical Engineering

+ Colvin, Gloria P., M.S.L.S., Associate Librarian, Strozier Library

+ Combs, James G., Ph.D., Louisiana State; Associate Professor of Management, College of Business

+ Conaway, Charles W., Ph.D., Rutgers; Associate Professor of Information Studies

+ Cone, Jacqueline R., B.S., University School Instructor of Middle School/Physical Education, Florida State University

+ Conner, Melissa A., M.S., Assistant Director, Student Affairs, Panama City Campus

+ Conner, Valerie Jean, Ph.D., Virginia; Associate Professor of History

+ Connerly, Charles E., Ph.D., Michigan; William G. and Budd Bell Professor of Urban and Regional Planning, 2002, and Chair of Urban and Regional Planning

+ Conrad, Larry D., J.D., Faculty Administrator and Associate Vice President, Academic Affairs

+ Conrad, Rita M., Ph.D., Florida State; Assistant Professor of Information Studies

+ Contreras, Linda K., M.P.H., Associate in Research, College of Medicine

+ Contreras, Robert J., Ph.D., Michigan State; James C. Smith Professor of Psychology, 2002, and Director of Neuroscience

+ Cook, Laura R., Ph.D., Iowa State; Associate Professor of Nutrition, Food and Exercise Sciences

+ Cooman, Terence S., Cincinnati; Associate Professor of Criminology and Criminal Justice and Director, Center for the Advancement of Human Rights, College of Arts and Sciences

+ Cooper, Henry J., Ph.D., Virginia Clinic–Valley; Visiting Research Associate, Meteorology, College of Arts and Sciences

+ Cooper, Mark G., Ph.D., Brown; Assistant Professor of English

+ Cooper, Martha H., M.A., Associate Professor of Theatre

+ Cooper, William T. III, Ph.D., Indiana; Associate Professor of Chemistry and Biochemistry

+ Corbett, Richard B., Ph.D., Georgia State; Professor of Risk Management/Insurance, Real Estate and Business Law

+ Corbin, Douglas J., M.A., Associate Professor of Dance

+ Corley, R. Chris, Ph.D., Florida State; Visiting Assistant Professor of Music

+ Cornille, Thomas A., Ph.D., Florida State; Associate Professor of Family and Child Sciences

+ Corrigan, John A., Ph.D., Chicago; Edwin G. Gaussd Professor of Religion, 2000

+ Cory, Cynthia J., Ph.D., Florida State; Visiting Instructor of English

+ Cort, Michael D., M.A., Eastman School of Music; Professor of Music

+ Costa, Anthony M., J.D., Ohio State; Faculty Administrator and Academic Administrator, Family Medicine, College of Medicine

+ Crayton, Josh, M.A., University Honors Program, Undergraduate Studies

+ Crotell, Barbara H., M.S.N., Associate Professor of Nursing

Eginton, Margaret L., Professor of English

Professor of Special Education

Edwards, Barbara J., Professor of Psychology

of Elementary Education, Florida State University

Professor of Human Services and Studies

Edwards, Barbara J., Professor of Psychology

Eldred, Debbie A., Associate Professor of Reading Research School

Ellington, W. D., Rhode Island; Michael J. Greenberg Professor of Biological Science, 2001, and Director, Institute of Molecular Biophysics

Elliott, Lynn T., M.S.N., Assistant in Nursing, Nursing

Ellis, Marc H., Ph.D., Marquette; Visiting Professor of Religion

Elmer, Greg, Ph.D., Massachusetts at Amherst; Associate Professor, College of Communication

El-Safi, Adel K., Ph.D., North Carolina State; Assistant in Engineering, Panama City Campus

Elshes, James Brian, Ph.D., Wisconsin at Madison; Visiting Professor of Geography

Emets, Sergey V., Ph.D., Moscow State; Assistant in Research, Chemistry and Biochemistry

Emmerling, Mark R., Ph.D., Texas; Associate Scholar/Scientist, National High Magnetic Field Laboratory

Engel, Lloyd M., Ph.D., Princeton; Associate Scholar/Scientist, National High Magnetic Field Laboratory

English, R. William, Ph.D., Wisconsin at Madison; Professor of Human Services and Studies

Epley, Deanna, Ph.D., Miami; Associate in Nursing

Epstein, Andrew D., Ph.D., Columbia; Assistant Professor of English

Epstein, Lloyd, M.S.N., Ph.D., Indiana; Associate Professor of Educational Policy

Epstein, Susan A., M.S.L.S., Associate Librarian, Career Center

Erickson, George M., Ph.D., Berkeley; Assistant Professor of Biological Science

Erickson, Thomas A., M.A., Visiting Assistant in Research, Center for Prevention

Ericsson, Karl A., Ph.D., Stockholm; FSCW/Kingsbury Eminent Scholar in Honor and Memory of Dr. Edward Conradi and Professor of Psychology

Erlebacher, Gordon, Ph.D., Columbia; Professor of Mathematical Sciences

Erndl, Kathleen M., Ph.D., Wisconsin; Associate Professor of Religion

Ernst, Zachary J., Ph.D., Wisconsin; Assistant Professor of Philosophy

Eskenazi, George M., Ph.D., Massachusetts; Assistant Professor of Physics

Evans, Joe, M.P.A., Instructor of Industrial Engineering

Evans, Linda R., M.S.W., Visiting Assistant Professor of Social Work

Evans, Mark S., M.L.S., Librarian, Law Library

Everett, Cynthia A., M.A., Assistant in Distance Learning, Distance Learning

Faddoul, Debra Ann, Ph.D., Florida; Visiting Assistant Professor of Biomedical Sciences

Faddoul, James M., Ph.D., Michigan State; Visiting Assistant Professor of Biological Science

Fagherazzi, Sergio, Ph.D., Padova; Visiting Assistant Professor of Biomedical Sciences

Fair, Michael Glen, B.S., University School Instructor, Developmental Research School

Fair, Sue, C., B.S., University School Instructor of Secondary Education, Florida State University School

Fairburn, Jennifer B., M.S., Visiting Assistant in Medicine, Family Medicine and Rural Health, College of Medicine

Fairhurst, Brian P., B.S., Faculty Administrator and Associate Program Director, National High Magnetic Field Laboratory

Fairley, Elizabeth P., M.L.S., Librarian, University Libraries, Academic Affairs

Fajer, Piotr G., Ph.D., Leeds; Professor of Biological Sciences

Falk, Dean, Ph.D., Michigan; Chair and Professor of Anthropology

Falk, Randye G., M.A., Coordinator for College of Medicine, Ornithology

Fantham, Rosamund E., Ph.D., Liverpool University; Visiting Emeritus Scholar of Classics

Faria, Sandra H., D.S.N., Alabama at Birmingham; Associate Professor, School of Nursing

Farrell, Suzanne, Francis Eppes Professor of Dance

Farrow, Lawrence, Associate Professor of Music

Faugh, Michael K., Ph.D., Arizona; Assistant Professor of Anthropology

Faulk, Barry J., Ph.D., Illinois; Assistant Professor of English

Feiock, Richard C., Ph.D., Kansas; Professor of Public Administration and Policy

Fenley, Marcia O., Ph.D., State University of New Jersey; Assistant Scholar, Scientist, Molecular Biological Science

Fenley, Sergio R., Ph.D., Princeton; Professor of Mathematics, College of Arts and Sciences

Fennema, Martin G., Ph.D., Illinois at Champaign; Professor of Biological Sciences


Fenton, Kevin A., Ph.D., Florida State; Professor, School of Music

Ferguson, Karen M., Ph.D., Assistant Professor of Aerospace Studies

Fernandez, George E., M.I.B.A., Assistant in Film, Motion Picture, Television and Recording Arts

Fernandez, Maria L., Ph.D., Georgia; Assistant Professor of Middle and Secondary Education

Fernandez, Roberto G., Ph.D., Florida State; Dorothy Lois Breen Hoffman Professor of Modern Languages and Literatures, 2001

Ferris, Gerald R., Ph.D., Illinois at Urbana–Champaign; Francis Eppes Professor of Management

Fesmire, Marion, Ed.D., West Florida; Visiting Assistant Professor, Elementary and Early Childhood Education, College of Education

Fichter, Robert W., M.F.A., Professor of Studio Art

Figley, Charles R., Ph.D., Pennsylvania State; Professor of Social Work

Finnean, June E., Ph.D., Missouri at Columbia; Associate Professor of Art Education

Finney, Wright C., M.S., Associate in Academic and Research Affairs, Chemical Engineering

Fiore, Giordano B., B.S., Associate in Biological Science, Biological Science

Fiorito, Jack T., Ph.D., Illinois; J. Frank Dame Professor of Management, 1999

Fiorito, Susan S., Ph.D., Oklahoma State; Associate Professor of Textiles and Consumer Sciences

Fischer, Thomas M., Ph.D., Mainz; Visiting Associate Professor of Chemistry and Biochemistry, College of Arts and Sciences

Fischer, Alice A., B.S., Research Associate, Educational Services Program, Institute of Science and Public Affairs

Fisher, Douglas L., M.M., Professor, School of Music

Fisher, Elizabeth, Ph.D., Oxford; Visiting Professor of Law

Fisher, Frederick A., M.A., Assistant in Information and Management Science

Fisher, Richard D., M.A., M.Ed., Faculty Administrator and Director, Challenger Learning Center

Fitzgerald, Katheryn L., M.S., Visiting University School Instructor, Developmental Research School

Flake, Janice L., Ph.D., Illinois; Professor of Elementary and Early Childhood Education and Practice

Flanagan, Scott C., Ph.D., Stanford; Service Professor of Political Science

Fleming, Raymond R., Ph.D., Harvard; Professor of Modern Languages and Literature

Fletcher, Carole N., M.S., University School Instructor, Media Center, Florida State University School, College of Education

Fletcher, Donna Newcomer, Ph.D., Florida State; Associate Professor of Human Services and Studies

Flood, Pamela F., Ed.D., Maine; Assistant Professor, Education Leadership and Policy Studies, College of Education

Flores, Tatiana E., Ph.D., Columbia; Assistant Professor of Art History, School of Visual Arts and Dance

Floyd, Deborah M., Ph.D., Florida State; Assistant in Elementary and Early Childhood Education, College of Education

Flynn, Elizabeth R., Ph.D., Alabama; Professor of Marketing

Flynn, John L., Ph.D., Florida State; Assistant in Distance Learning
Haweker, Harry J., B.S., University School Instructor, Florida State University, College of Education

Hawkes, Lois W., Ph.D., London; Professor of Computer Science

Hawkins, Hunt, Ph.D., Stanford; Professor and Chair of English

Haxwell, Thomas Francis Nelson, Ph.D., Exeter; Visiting Assistant in Research, Chemistry and Biochemistry

Hay, Karen H., Ph.D., Texas; Visiting Assistant Professor of Criminology

Hayes, Carole, M.S., Assistant in Distance Learning, Distance Education

Hayes, Emily, M.A., Ph.D., Pennsylvania State; C. Etta Walters Professor of Exercise Science, 2000; Professor of Nutrition, Food and Exercise Sciences

Hayward, Patricia C., Ph.D., Florida State; Associate Vice President for Academic Support and Enrollment Management, Office of the Provost

Head, Norris M., B.S., University School Instructor, Florida State University School, College of Education

Heald, Gary R., Ph.D., Michigan State; Theodore Clevenger, Jr. Professor of Communication, 2001, and Associated Dean of Communication

Heasley, Brian P., B.S., Visiting Assistant in Technology, Dean's Office, College of Human Sciences

Hecker, Karl Heinz, Ph.D., Florida State; Visiting Research Associate, Biological Science

Hefron, Audrey Stevenson, B.S., Assistant in Public Affairs, Florida Public Affairs Center

Heil, Wolfgang H., Ph.D., Rice; Professor of Mathematics

Heiland, Frank W., Ph.D., New York at Stony Brook; Visiting Assistant Professor of Economics

Heiman, Carol A., M.S., Associate in Biological Science, Biological Science

Heitmeyer, Jeanne D., Ph.D., Florida State; Associate Professor of Textiles and Consumer Sciences

Helin, Tracey A., M.S., Ed.S.; Visiting University School Instructor, Developmental Research School

Hellweg, Joseph R., Ph.D., Virginia; Visiting Assistant Professor of Anthropology, College of Arts and Sciences

Hemphill, Lisa S., M.B.A., Visiting Instructor, Center for Professional Development

Henderson, Ross P., M.S., Research Associate, Psychology

Hendrickson, Christopher, Ph.D., Texas at Austin; Associate Scholar/Scientist, National High Magnetic Field Laboratory

Henry, Kidane W., B.S., University School Instructor of Secondary Education, Florida State University School of Education

Hensel, Paul R., Ph.D., Illinois; Associate Professor of Political Science

Huo, Mei, M.A., Pittsburgh; Visiting Assistant Professor of Information Studies

Hernandez, Gema D., D.P.A., Nova; Visiting Lecturer of Public Administration

Herndon, Roy C., Ph.D., Florida State; Director, Center for Biomedical and Toxic Research

Her, Mee Dok, Ph.D., Pennsylvania State; Assistant Researcher, College of Social Sciences

Heron, Melonie P., Ph.D., Pennsylvania State; Assistant Professor of Sociology

Herrera, Carolyn D., Ph.D., Florida; Chair and Associate Professor of Sociology

Herrnkind, William Frank, Ph.D., Miami; Robert K. Godfrey Professor of Biological Science, 2000

Hess, Joerg, M.S.E., Visiting Assistant in Research, Panama City Campus

Hestor, Melanie M., M.S., University School Instructor, Developmental Research School

Hettinger, Hillary R., Ph.D., Georgia; Assistant Professor of Educational Psychology, College of Education

Hickman, Jarrod P., B.S., University School Instructor of Elementary and Secondary Education, Florida State University College of Education

Hickman, Michael M., B.S., University School Instructor, Florida State University School, College of Education

Higgs, Scott A., M.S.W.; Visiting Assistant Professor of Social Work

Higgins, Harrison T., M.S., Research Associate in Urban and Regional Planning

Hightower, Tommy L., Jr., B.S., Courtesy Assistant in Administration, Military Sciences

Hilary, Richard B., Ph.D., Wisconsin; Associate Professor of Modern Languages and Linguistics

Hill, William A., B.S., Ph.D., Florida; Professor of Chemistry and Biochemistry

Hill, Mollie H., Assistant in Community Clinical Relations, College of Medicine

Hillison, William A., Ph.D., Florida; Professor of Accounting

Hinterlong, James E., Ph.D., Washington; Assistant Professor of Finance

Hironaka, Eriko, Ph.D., Brown; Associate Professor of Mathematics

Hirosawa, Chitaru, Ph.D., Kyoto; Visiting Assistant in Research, College of Business

Hirsch, Adam J., Ph.D., J.D., Yale; David M. Hoffmann Professor of Law, 2002

Ho, Tin-Lun, Ph.D., Cornell; Visiting Scholar, National High Magnetic Field Laboratory

Holbrook, Jennifer A., Ph.D., Florida State; Visiting Instructor of English

Hochwarter, Wayne A., Ph.D., Florida State; Associate Professor of Management, College of Business

Hodge, Stephen W., M.B.A., Research Associate, Florida Resources and Environmental Analysis Center

Hodges, Anne R., M.D., Florida State; Program Director of Music

Hocheerl, Scott A., B.A., Assistant in Research, Center for Prevention and Early Intervention Policy, Institute of Public Affairs

Hockman, Timothy, D.M.A., Michigan; Professor of Music

Hofacker, Charles F., Ph.D., California at Los Angeles; Professor of Marketing

Hoffman, James J., Ph.D., Nebraska; Professor of Management

Hogan, Anne E., Ph.D., Miami; Assistant in Research, Center for Prevention and Early Intervention Policy, Academic Affairs

Hogan, Jeffrey E., M.S., University School Assistant Professor, School of Visual Arts and Research School

Hogan, Terry Lynn, Ph.D., Bowling Green State; Associate Dean and Associate Professor, Theatre

Holcombe, Randall G., Ph.D., Virginia Polytechnic Institute; Professor of Economics

Holland, Daniel Harty, B.A., Assistant in Film, School of Motion Picture, Television and Recording Arts

Holland, Jack M., B.S., Visiting Assistant in Research, Center for Prevention and Early Intervention Policy


Hollih, Patricia G., Cornell; Associate Professor of Mechanical Engineering

Holton, Robert A., Ph.D., Florida State; Matthew Sisulins Professor of Chemistry and Biochemistry, 2000; Distinguished Research Professor, 1999–2000

Holzman, Bruce, Ph.D., Visiting Assistant in Research, College of Arts and Sciences

Hou, Lisheng S., Ph.D., Carnegie Mellon; Computational Science Information Technology, Academic Affairs

Houck, Davis W., Ph.D., Pennsylvania; Assistant Professor of Communication

Houle, David C., Ph.D., State University of New York; Associate Professor of Biological Science, College of Arts and Sciences

Houp, Thomas A., Ph.D., Harvard; Associate Professor of Biological Science, College of Arts and Sciences

Houston, Debra, Ph.D., South Florida; Associate in Research, Learning Systems Institute

Hovsepian, Zohrob O., M.S., Visiting Assistant Scholar Scientist, Center for Advanced Power Systems, Office of Research

Howard, Patricia H., Ph.D., South Florida; Associate in Research, Learning Systems Institute

Howell, Richard L., M.S., Research Associate, Center for Policy Studies in Education

Hruda, Simone, B.S., Associate Chair and Associate Professor, Mechanical Engineering

Hsieh, Yun-Iwa P., Ph.D., Florida State; Visiting Professor of Nutrition, Food and Exercise Sciences

Hu, Fang Qiang, Ph.D., Florida State; Visiting Research Associate, Computational Science and Engineering Program

Hu, Zhong, Ph.D., Heidelberg; Visiting Assistant in Research, Chemistry and Biochemistry, College of Arts and Sciences

Huang, Wenrui, Ph.D., Rhode Island; Visiting Assistant Professor of Civil and Environmental Engineering

Huang, Xion, Ph.D., New Orleans; Visiting Assistant in Research, Chemistry and Biochemistry

Huckaba, Sam W., Ph.D., Purdue; Professor and Associate Chair of Mathematics

Hudson, Delores Y., M.S., Associate in Communication Disorders, Communication

Hudon, Jean L., M.A., Assistant in Art History, Art History

Hudson, William E., M.A., Faculty Administrator and Coordinator of Multicultural Student Support Center

Huettel, Markus H., Ph.D., Kiel; Visiting Professor of Oceanography, College of Arts and Sciences

Huffer, Frederick W., Ph.D., Stanford; Professor of Statistics

 Humphrey, David B., Ph.D., California at Berkeley; Professor of Finance and Fannie Wilson Smith Eminent Scholar in Banking

 Humphreys, Sheila H., B.A., Associate Professor of Dance, School of Visual Arts and Dance

 Humphries, Frederick S., Ph.D., Pittsburgh; Professor of Chemical Engineering

 Hunter, Cynthia A., M.S., Associate Librarian and Department Head, University Libraries, Academic Affairs

 Huntoon, Carolyn, Ph.D., Baylor; Visiting Research Associate, Institute of Science and Public Affairs

 Hurst, Dena L., B.A., Assistant in Research, Institute for Science and Public Affairs

 Hurt, Myra M., Ph.D., Tennessee; Associate Dean and Professor, College of Medicine

 Hussaini, Mohammed Younus, Ph.D., California; Professor of Mathematics and Sir M. James Lighthill Eminent Scholar in Mathematics and Computational Science

 Hyson, Richard L., Ph.D., Colorado; Professor of Psychology, College of Arts and Sciences

 Hytten, Eric, M.L.S., Librarian, University Librarian-

 Iatolara, Patrice M., Ph.D., New York; Assistant Professor of Educational Leadership and Policy Studies

 Iceman, Joe D., Ph.D., North Carolina; Associate Dean, College of Business, and Associate Professor of Accounting

 Iceman, Rhoda C., B.A.B.A., Florida State; Professor of Accounting

 Ihlfeldt, Keith R., Ph.D., Washington; Professor of Economics and DeVoe L. Moore and Family Eminent Scholar for the Study of Critical Issues in Economic Policy and Government

 Imen, Kamran, Ph.D., Southern California; Assistant in Electrical Engineering
Inouye, Brian D., Ph.D., Duke; Assistant Professor of Biology
Irvin, Judith L., Ph.D., Florida State; Professor of Educational Leadership
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<tr>
<td>Welch, Leo G.</td>
<td>M.D., Professor/Assistant Dean, School of Medicine</td>
</tr>
<tr>
<td>Welsh, Frederick A.</td>
<td>M.S., Assistant in Management Information Systems</td>
</tr>
<tr>
<td><em>Welsh, Thomas M.</em></td>
<td>Ph.D., Kansas; Associate Professor of Dance</td>
</tr>
<tr>
<td>Welsh-Ovasko, Bogomila</td>
<td>Ph.D., Utah; Visiting Eminent Scholar, School of Visual Arts and Dance</td>
</tr>
<tr>
<td>Wensing, Karen M.</td>
<td>M.L.S., Service Librarian, University Libraries</td>
</tr>
<tr>
<td>Werner, Robert E.</td>
<td>Ph.D., V.M.D., Academic Administrator, Laboratory Animal Resources</td>
</tr>
<tr>
<td>Wertz, Caroline A.</td>
<td>M.L.S., Visiting Associate Librarian, Strozir Library</td>
</tr>
<tr>
<td>Wesson, G. Dale</td>
<td>Ph.D., Michigan State; Visiting Assistant Professor of Chemical Engineering</td>
</tr>
<tr>
<td>West, Joseph P.</td>
<td>Ph.D., Virginia Polytechnic Institute; Chair and Associate Professor of Hospitality</td>
</tr>
<tr>
<td>West, Marlene A.</td>
<td>M.S., Assistant Principal and University School Instructor, Florida State University School, College of Education</td>
</tr>
<tr>
<td>Weston, Kenneth D.</td>
<td>Ph.D., California at Santa Barbara; Assistant Professor of Chemistry and Biochemistry</td>
</tr>
<tr>
<td>Wetenhall, John B.</td>
<td>M.B.A., Faculty Administrator and Academy of Engineering, University of Auckland</td>
</tr>
<tr>
<td>Wetherell, Thomas K.</td>
<td>Ph.D., Florida State; University President and Professor of Educational Leadership and Policy Studies</td>
</tr>
<tr>
<td>Whalley, David P.</td>
<td>Ph.D., Virginia; Professor of Computer Science and Engineering</td>
</tr>
<tr>
<td>Whalen, Kelly J.</td>
<td>Ph.D., Florida State; Visiting Assistant in ESE, Special Education, College of Education</td>
</tr>
<tr>
<td>Wheelock, Jennifer R.</td>
<td>Ph.D., Florida State; Visiting Instructor of English</td>
</tr>
<tr>
<td>White, Amy L.</td>
<td>B.S., Visiting University School Instructor, Developmental Research School</td>
</tr>
<tr>
<td>White, Barbara A.</td>
<td>M.A., Associate in Research, Institute of Science and Public Affairs</td>
</tr>
<tr>
<td>White, Michelle A.</td>
<td>M.L.S., Visiting Instructor Librarian, University Libraries</td>
</tr>
<tr>
<td>Whitney, Anne L.</td>
<td>Ph.D., Visiting Research Associate, Institute of Science and Public Affairs, Academic Affairs</td>
</tr>
<tr>
<td>Whyte IV, James D.</td>
<td>N.D., Assistant Professor of Nursing</td>
</tr>
<tr>
<td><em>Wiedenhoever, Ingo L.</em></td>
<td>Ph.D., Cologne; Visiting Assistant Professor of Physics</td>
</tr>
<tr>
<td>Wiegand, Walter M.</td>
<td>Ph.D., Southern Illinois; Professor of Information Studies</td>
</tr>
<tr>
<td>Wierenga, Elizabeth J.</td>
<td>M.A., Visiting Assistant in Museum Operations, Ringling Museum/Curatiorial Wilcox, Jeffery A.</td>
</tr>
<tr>
<td>Wilder, Dolores J.</td>
<td>Ed.D., Tennessee; Visiting Instructor of Educational Leadership</td>
</tr>
<tr>
<td>Wilgenbusch, James C.</td>
<td>Ph.D., George Mason; Assistant in Research, Computational Science and Information Technology</td>
</tr>
<tr>
<td><em>Wilk, Eileen D.</em></td>
<td>Ph.D., Wisconsin; Assistant Professor of Social Work</td>
</tr>
<tr>
<td>Wilkins, Paul L.</td>
<td>Ph.D., Ohio State; Professor of Management</td>
</tr>
<tr>
<td>Williams, Edward C.</td>
<td>Ph.D., North Carolina at Chapel Hill; Assistant in Academic Administration, Panama City Campus</td>
</tr>
<tr>
<td>Williams, Iris A.</td>
<td>Ed.D., Western Michigan; Assistant in Academic Administration, Educational Leadership and Policy Studies</td>
</tr>
<tr>
<td>Williams, Kenneth E.</td>
<td>M.M., University School Instructor, Developmental Research School</td>
</tr>
<tr>
<td>Williams, Brian M.</td>
<td>Ph.D., Liverpool; Visiting Research Associate, Learning Systems Institute, Program Development/Faculty Support</td>
</tr>
<tr>
<td>Williams, Pat W.</td>
<td>M.F.A., Professor of Art</td>
</tr>
<tr>
<td>Williams, Stephanie L.</td>
<td>J.D., Faculty Administrator, Law</td>
</tr>
<tr>
<td>Williams, Suzanne D.</td>
<td>M.A., Assistant in Research, Criminology</td>
</tr>
<tr>
<td>Willits, Benjamin B.</td>
<td>B.S., Visiting University School Instructor, Developmental Research School</td>
</tr>
<tr>
<td>Willits, Curt G.</td>
<td>Ph.D., Florida State; Visiting Instructor of English, College of Arts and Sciences</td>
</tr>
<tr>
<td>Williams, Angela D.</td>
<td>B.S., Assistant University School Instructor, Developmental Research School</td>
</tr>
<tr>
<td>Wilson, Victoria A.</td>
<td>M.S.W., Assistant in Field Instruction, Social Work</td>
</tr>
<tr>
<td>Winchester, Denis M.</td>
<td>M.B.A., University School Instructor, Developmental Research School</td>
</tr>
<tr>
<td><em>Winegardner, Mark D.</em></td>
<td>M.F.A., Janet J. Burroway; Provost of English, 2000</td>
</tr>
<tr>
<td><em>Wingate, Mark L.</em></td>
<td>D.M.A., Assistant Professor of Music</td>
</tr>
<tr>
<td>Winger, Ian L.</td>
<td>B.S., Assistant in Engineering, Physics and Mathematics</td>
</tr>
<tr>
<td>Winkler, Hanspeter</td>
<td>Ph.D., Swiss Federal Institute of Technology; Associate in Research, Institute for Molecular Biology</td>
</tr>
<tr>
<td>Winn, Alice A.</td>
<td>Ph.D., Michigan State; Associate Professor of Biological Science</td>
</tr>
<tr>
<td>Winknicki, Tomas M.</td>
<td>Ph.D., D.Sc., Technical University of Wroclaw; Visiting Scholar/Scientist, Center for Biomedical and Toxicological Research</td>
</tr>
<tr>
<td>Winterbottom, Randee M.</td>
<td>M.S., Assistant in Research, Learning Systems Institute, Program Development/Faculty Support</td>
</tr>
<tr>
<td>Wise, Chris, M.L.S.</td>
<td>Instructor, Librarian, Career Center, Student Affairs</td>
</tr>
<tr>
<td>Wise, Sherwood W.</td>
<td>Ph.D., Illinois; Lyman D. Toulmin Professor of Geography, 2001</td>
</tr>
<tr>
<td>Wishart, David P.</td>
<td>Ph.D., Florida State; Assistant in Research, Mechanical Engineering</td>
</tr>
<tr>
<td>Wogamon, Lou A.</td>
<td>M.A., Visiting Instructor of English</td>
</tr>
<tr>
<td>Wolf, Jolen R.</td>
<td>J.D., Florida State; Visiting Assistant in Law, Law</td>
</tr>
<tr>
<td>Wolfgang, Charles H.</td>
<td>Ph.D., Pittsburgh; Professor of Elementary and Early Childhood Education and Practice</td>
</tr>
<tr>
<td>Wolfson, Gabriela S.</td>
<td>Ph.D., Kentucky; Assistant Professor of Public Administration and Policy, College of Social Science</td>
</tr>
<tr>
<td>Wonder, Nancy M.</td>
<td>Ph.D., Missouri; Visiting Instructor of Human Services and Studies</td>
</tr>
<tr>
<td>Wos, Ruth S.</td>
<td>Ph.D., Florida State; Instructor Librarian, Career Center, Student Affairs</td>
</tr>
<tr>
<td>Wood, Albert L.</td>
<td>Ed.D., Louisiana State; Coordinator, Office of Student Services</td>
</tr>
<tr>
<td>Wood, Jane V.</td>
<td>B.A., Visiting Assistant Professor of Entomology, College of Arts and Sciences</td>
</tr>
<tr>
<td>Wood, Susan P.</td>
<td>Ph.D., Florida; Assistant Professor of Middle and Secondary Education</td>
</tr>
<tr>
<td>Woodward, Stephen L.</td>
<td>M.A., Michigan; Assistant Scholar/Scientist, National High Magnetic Field Laboratory</td>
</tr>
<tr>
<td>Woods, Julianna, P.</td>
<td>Ph.D., Oregon; Visiting Associate Professor of Communication Disorders</td>
</tr>
<tr>
<td>Woodyard, William M.</td>
<td>M.D., West Virginia; Assistant in Real Estate, Department of Risk Management and Insurance</td>
</tr>
<tr>
<td>Woodland, James R.</td>
<td>M.S., Associate in Mathematics, Mathematics Education</td>
</tr>
<tr>
<td>Workman, Donald R.</td>
<td>Ph.D., Florida State; Assistant in Nursing</td>
</tr>
<tr>
<td>Worrell, Patricia A.</td>
<td>J.D., Florida State; Visiting Assistant in Law, Law</td>
</tr>
<tr>
<td>Wright, Clive O.</td>
<td>M.A., Research Associate, Center for Study of Teaching and Learning</td>
</tr>
<tr>
<td>Wright, Edward N.</td>
<td>Ph.D., Georgetown; Faculty Administrator and Dean, Panama City Branch</td>
</tr>
<tr>
<td>Wright, Michelle E.</td>
<td>Assistant in Research, Learning Systems Institute, Program Development/Faculty Support</td>
</tr>
<tr>
<td>Wright, Thomas G.</td>
<td>M.M., Professor of Music</td>
</tr>
<tr>
<td>Wulff, Jeanette L.</td>
<td>Ph.D., Yale; Assistant Professor of Biological Science</td>
</tr>
<tr>
<td>Wyatt-Magallan, Catherine A.</td>
<td>M.F.A., Assistant Professor of Art, Art</td>
</tr>
<tr>
<td>Wynne, Ben R.</td>
<td>Ph.D., Mississippi; Visiting Assistant Professor of English, 2001</td>
</tr>
<tr>
<td>Wynot, Edward D.</td>
<td>Ph.D., Indiana; Professor of History</td>
</tr>
<tr>
<td>Xin, Yan</td>
<td>Ph.D., Cambridge; Courtesy Associate Professor of Electrical and Computing Engineering, College of Engineering</td>
</tr>
</tbody>
</table>
Distinguished Research Professors

Harper, William C., M.S., Distinguished Research Professor, 1990–1991, Professor of Studio Art (Retired)


Tam, Christopher K. W., Ph.D., California Institute of Technology; Distinguished Research Professor, 1990–1991, Robert O. Lawton Distinguished Professor, 2000–2001, Professor of Mathematics and Mechanical Engineering

Loper, David E., Ph.D., Case Western Reserve University; Distinguished Research Professor, 1991–1992, George W. DeVore Professor of Geological Sciences, 1999, and Director, Geophysical Fluid Dynamics Institute

Park, 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

Graziaioli, 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, 2002–2003

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

Bryant, John L., Ph.D., Georgia; Distinguished Research Professor, 1994–1995, Professor of Mathematics

Young, Mary Penelope, M.A., Assistant in Research of Criminology

Young, Melissa P., M.A., University School Instructor, Florida State University School, College of Education

Young, Patricia Henry, M.A., Professor of Dance

Young, William S., B.S., Professional Engineer, Campus Design

Young-Clarke, Iris M., M.S., Associate in Research of Astronomy

Zavala-Hidalgo, Jorge, Ph.D., CICESE; Visiting Research Associate of Meteorology

Zeigler, Mark T., M.S., Assistant in Communications

Zeller, Richard E., Ph.D., Ohio State; Visiting Assistant Professor of Geography

Zervigon-Hakes, Anita M., Ph.D., Florida State; Associate in Research, Florida Resources and Environmental Management Center

Zhang, Chun, Ph.D., Iowa; Associate Professor of Industrial Engineering

Zhang, Yi, Ph.D., Chinese Academy of Science; Visiting Assistant Professor in Research, Chemistry and Biochemistry, College of Arts and Sciences

Zhao, Dangzhi, Ph.D., Florida State; Visiting Assistant Professor, College of Information Studies

Freeman, Marc E., Ph.D., West Virginia; Distinguished Research Professor, 1994–1995, Lloyd M. Beidler Professor of Biological Science, 2000

Owens, Joseph F., III, Ph.D., Tufts; Distinguished Research Professor, 1994–1995, Chair and Guenter Schwarz Professor of Physics, 2000


James, Frances C., Ph.D., Arkansas; Distinguished Research Professor, 1995–1996, Pasquale Grazidei Professor of Biological Science, 1999

Stern, Melvin E., D.D., Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, 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

Torgeson, 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, Vartan, Ph.D., Pennsylvania; Distinguished Research Professor, 1997–1998, Joseph E. Lammutti 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, Heinz and Katharina Letters Professor of Climatology, 2002, and Professor of Meteorology

Balkwill, David L., Ph.D., Pennsylvania State; Distinguished Research Professor, 1998–1999, Professor of Biological Science

Hirsch, Barry T., Ph.D., Virginia; Distinguished Research Professor, 1998–1999, Professor of Economics

Marshall, Alan George, Ph.D., Stanford; Distinguished Research Professor, 1998–1999, Kerala Professor of Chemistry, 1999

Gontarski, Stanley E., Ph.D., Ohio State; Distinguished Research Professor, 1999–2000, Sarah Hendron Professor of English, 1999

Holton, Robert A., Ph.D., Florida State; Distinguished Research Professor, 1999–2000, Matthew Saffness Professor of Chemistry, 2002

Clarke, Allan J., Ph.D., Cambridge; Distinguished Research Professor, 2000–2001, Adrian E. Gill Professor of Oceanography, 2001

Cross, Timothy A., Ph.D., Pennsylvania; Distinguished Research Professor, 2000–2001, Earl Frieden Professor of Chemistry and Biochemistry, 2002

Olsen, Dale A., Ph.D., California at Los Angeles; Distinguished Research Professor, 2000–2001, Professor of Music


Tabor, Samuel, Ph.D., Stanford; Distinguished Research Professor, 2001–2002, Professor of Physics

Taylor, Kenneth A., Ph.D California at Berkeley; Distinguished Research Professor 2001–2002, Professor of Biological Science

Dalal, Nar S., Ph.D., British Columbia; Dirac Professor of Chemistry, 2001, Distinguished Research Professor, 2002–2003, and Chair of Chemistry

Not, Doron, Ph.D., Wisconsin; Distinguished Research Professor, 2002–2003, and Frideric S. Lander Professor of Oceanography, 2001

TsCHinkel, Walter R., Ph.D., California at Berkeley; Distinguished Research Professor, 2002–2003, and Margaret Y. Menzel Professor of Biological Science, 1999

Berkeley, Karen J., Ph.D., Washington; Distinguished Research Professor, 2003–2004, and Professor of Management

Perrewe, Pamela L., Ph.D., Nebraska; Distinguished Research Professor, 2003–2004, and Ella Scoble Opperman Professor of Music, 2000
DISTINGUISHED TEACHING
PROFESSORS
Clark, Ronald J., Ph.D., Kansas; Distinguished
Teaching Professor, 1989–1990, Professor of Chemistry
Hofer, Kurt G., Ph.D., Vienna; Distinguished
Teaching Professor, 1989–1990, Robert O. Lawton
Distinguished Professor, 1994-1995, Professor of
Biological Science
Horward, Donald D., Ph.D., Minnesota; Distinguished Teaching Professor, 1989–1990, Eminent
Scholar and Professor of History
Madsen, Clifford K., Ph.D., Florida State; Distinguished Teaching Professor, 1989–1990, Alumni Professor, 1985-1988, Robert O. Lawton Distinguished
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. T., Jr., Ph.D., Indiana; Distinguished
Teaching Professor, 1990–1991, George M. Harper
Professor of English, 2000
Rashotte, Michael E., Ph.D., Toronto; Distinguished
Teaching Professor, 1990–1991, Professor of Psychology
Rogers, William W., Ph.D., North Carolina; Distinguished Teaching Professor, 1990–1991, Professor of
History (Retired)
Sandon, Leo, Ph.D., Boston; Distinguished Teaching
Professor, 1990–1991, Chair and Professor of Religion, and Director, Program in American Studies
Burroway, Janet G., M.A., Distinguished Teaching
Professor, 1991–1992, Service Professor of English,
Robert O. Lawton Distinguished Professor, 1995–96,
and Mckenzie Professor, 1986
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,
1992–1993
Leach, Stephen P., Ph.D., Florida State; Distinguished Teaching Professor, 1994–1995, Assistant
Scholar/Scientist of Computer Science
Walker, Eric C., 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
Sandels Professor of Human Sciences, 1999
Goldsby, Kenneth A., Ph.D., North Carolina; Distinguished Teaching Professor, 1997–1998, Associate
Professor of Chemistry
Moore, Dennis D., Ph.D., North Carolina; Distinguished Teaching Professor, 1998–1999, Associate
Professor of English
Reiser, Robert A., Ph.D., Arizona State; Distinguished Teaching Professor, 1999-2000, Professor
of Educational Research
Standley Professor of English, 2002
Sathe, Shridhar, Ph.D., Utah State; Distinguished
Teaching Professor, 2002–2003, D.K. Salunkhe
Professor of Food Science, 2001, and Professor of
Nutrition, Food and Exercise Sciences
Everage, Karen Burgess, M.S., Florida State;
Distinguished Teaching Professor, 2003–2004, and
Associate In Mathematics

McKENZIE PROFESSORS
Berkley, Karen J., Ph.D., Washington; Distinguished
Research Professor, 2003-2004, McKenzie Professor
1989, Professor of Psychology
Burroway, Janet G., M.A., McKenzie Professor
1986, Service Professor of English
Dye, Thomas R., Ph.D., Pennsylvania; McKenzie
Professor 1986, Service Professor of Political Science

Hintikka, Jaako, 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
Kirby, David K., Ph.D., Johns Hopkins; Robert O.
Lawton Distinguished Professor, 2003–2004, Professor of English, McKenzie Professor, 1989
Winstead, William O., M.M., McKenzie Professor
1986–1988, Professor of Music (Resigned)

DAISY PARKER FLORY
ALUMNI PROFESSORS
Madsen, Clifford K., Ph.D., Florida State; Alumni
Professor 1985–1988, Distinguished Professor 1988–
1989, Distinguished Teaching Professor, 1989–1990,
Professor of Music
Martin, Patricia Y., Ph.D., Florida State; Alumni
Professor 1989, Professor of Sociology
Standley, Fred L., Ph.D., Northwestern; Alumni
Professor 1985, Professor of English

THE PRESIDENT AND
THE PROVOST’S NAMED
PROFESSORSHIP PROGRAM
Baer, Howard A., Ph.D., Wisconsin; J. Daniel Kimel
Professor of Physics, 2002
Beckham, Joseph C., J.D., Ph.D., Florida; Allan
Tucker Professor of Educational Policy Studies and
Leadership, 2000, Professor of Educational Leadership
Berry, William D., Ph.D., Minnesota; Marian D. Irish
Professor of Political Science, 1999
Bickley, R. Bruce, Jr., Ph.D., Duke; Griffith T. Pugh
Professor of English, 2002
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 Criminology, 2001
Boehrer, Bruce T., Ph.D., Pennsylvania; Bertram H.
Davis Professor of English, 2001
Bowers, Philip L., Ph.D., Tennessee; Dwight B.
Goodner Professor of Mathematics, 2002 and Associate Chair of Mathematics
Bridger, Carolyn A., D.M.A., Iowa; John Boder
Professor of Music, 2002
Brooks, James S., Ph.D., Oregon; Grace C. and Willian 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
Oppenheimer Professor of Oceanography, 2002
Chandra, Namas, Ph.D., Texas A&M; Krishnamurty
Karamcheti Professor of Engineering, 2000, and Professor of Mechanical Engineering
Chanton, Jeffrey P., Ph.D., North Carolina; John
Widmer Winchester 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 Oceanography, 2001
Cloonan, William J., Ph.D., North Carolina at Chapel Hill; Richard L. Chapple Professor of Modern
Languages and Linguistics, 1999
Coats, Pamela K., Ph.D., Nebraska at Lincoln;
Robert C. Earnest Professor of Finance, 2002
Connerly, Charles E., Ph.D., Michigan; William
G. and Budd 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 Research Professor, 2000 – 2001, Earl
Frieden Professor of Chemistry and Biochemistry,
2002

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Dagotto, Elbio R., Ph.D., Instituto Balseiro; Edward
A. Desloge Professor of Physics, 2001, and Scholar/
Scientist, School of Computational Science and
Information Technology
Dalal, Nar S., Ph.D., British Columbia; Dirac Professor of Chemistry, 2001, Distinguished Research
Professor, 2002–2003, and Chair of Chemistry
Darling, Carol A., Ph.D., Michigan State; Margaret
Rector Sandels Professor of Human Sciences, 1999,
Distinguished Teaching Professor, 1996–1997, and
Professor of Family and Child Sciences
de Grummond, Nancy T., Ph.D., North Carolina;
M. Lynette Thompson Professor of Classics, 1999
Delp, Roy E., M.M., Walter S. James Professor of
Voice, 2001, Professor of Music
Dewar, William K., Ph.D., Massachusetts Institute of
Technology; Pierre Welander Professor of Oceanography, 2001, and Faculty Associate, School of Computational Science and Information Technology
Dorsey, John, Ph.D., Cincinnati; Katherine Blood
Hoffman Professor of Chemistry, 2000
Driscoll, Marcy P., Ph.D., Massachusetts; Leslie
J. Briggs Professor of Educational Research, 2002,
and Chair of Educational Psychology and Learning
Systems
Eberstein, Isaac Warren, Ph.D., Texas at Austin;
Charles Meade Grigg Professor of Sociology, 2001,
Chair of Sociology, and Research Associate, Center
for the Study of Population
Ellington, W. Ross, Ph.D., Rhode Island; Michael
J. Greenberg Professor of Biological Sciences, 2001,
and Director, Institute of Molecular Biophysics
Standley Professor of English, 2002
Fernandez, Roberto G., Ph.D., Florida State;
Dorothy Lois Breen Hoffman Professor of Modern
Languages and Linguistics, 2001
Fiorito, Jack T., Ph.D., Illinois; J. Frank Dame Professor of Management, 1999
Fisk, Zachary, Ph.D., California at San Diego; Paul
A.M. Dirac Professor of Physics, 1999, National
Academy of Sciences
Freeman, Marc, Ph.D., West Virginia; Distinguished
Research Professor, 1994–1995, Lloyd M. Beidler
Professor of Biological Science, 2000,
Geringer, John M., Ph.D., Florida State; Lewis V.
Panbaskie Professor of Music, 2001, and Director,
Center for Music Research
Goldsmith, Ronald E., Ph.D., Alabama; Richard M.
Baker Professor of Marketing, 2001
Gontarski, Stanley E., Ph.D., Ohio State; Distinguished Research Professor, 1999–2000, Sarah
Herndon Professor of English, 1999
Hagopian, Vasken, Ph.D., Pennsylvania; Distinguished Research Professor, 1997–1998, Joseph E.
Lannutti Professor of Physics, 1999
Hahn, Cynthia, Ph.D., Johns Hopkins; Gulnar K.
Bosch Professor of Art History, 2000
Hardy, Melissa, Ph.D., Indiana; Raymond F. Bellamy
Professor of Sociology, 2000, and Program Director,
Pepper Institute on Aging
Haymes, Emily M., Ph.D., Pennsylvania State; C.
Etta Walters Professor of Exercise Science, 2000, and
Professor of Nutrition, Food, and Exercise Sciences
Heald, Gary R., Ph.D., Michigan State; Theodore
Clevenger, Jr. Professor of Communication, 2001,
and Associate Dean of Communication
Herrnkind, William F., Ph.D., Miami; Robert K.
Godfrey Professor of Biological Science, 2000
Hirsch, Adam J., Ph.D., J.D., Yale; David M. Hoffman Professor of Law, 2002
Holton, Robert A., Ph.D., Florida State; Distinguished Research Professor, 1999-2000, and Matthew
Suffness Professor of Chemistry, 2000
James, Frances C., Ph.D., Arkansas; Pasquale
Graziadei Professor of Biological Science, 1999,
Distinguished Research Professor, 1995–1996
Joiner, Thomas, Ph.D., Texas at Austin; Bright-Burton Professor of Psychology, 2000
Jumonville, Neil T., Ph.D., Harvard; William Warren
Rogers Professor of History, 1999
Kacmar, K. Michele, Ph.D., Texas A&M; Charles
A. Rovetta Professor of Management, 2000
Kelsay, John, Ph.D., Virginia; Richard L. Rubenstein
Professor of Religion, 2000, and Chair of Religion
Kemper, Kirby, Ph.D., Indiana; Distinguished
Research Professor, 1993–1994, Robert O. Lawton

FACULTY/PERSONNEL

University Faculty and Personnel


Distinguished Professor, 2002–2003, and Director, Center for Material Research and Technology

Wagner, Richard K., Ph.D., Yale; Alfred Binet Professor of Psychology, 1999

Wang, Hsu-Pin (Ben), Ph.D., Pennsylvania State; Simon Ostrach Professor of Engineering, 2000, and Chair of Industrial Engineering

Wetherby, Amy, Ph.D., California at Santa Barbara; Laurel L. Schendel Professor of Communication Disorders, 2000

Winegardner, Mark D., M.A., Raymond K. Sheline Distinguished Professor of English, 1999

Wood, S. Richard, Ph.D., North Carolina; Ralph A. Devoe Professor of Geological Sciences, 1999, and Director, Geophysical Fluid Dynamics Institute

MacPherson, David A., Ph.D., Pennsylvania; Abba Lerner Professor of Economics, 1999

Marcus, Nancy H., Ph.D., Yale; Robert O. Lawton Distinguished Professor, 2001–2002, Mary Sears Professor of Oceanography

Marshall, Alan G., Ph.D., Stanford; Distinguished Research Professor, 1998–1999, Kashan Professor of Chemistry, 1999

McElrath, Joseph R., Ph.D., South Carolina; William Hubbard Rogers Professor of English, 1999

McKee, Terence, Ph.D., North Carolina; Ralph A. Bradley Professor of Statistics, 2000

McNeece, C. Aaron, Ph.D., Michigan; Walter W. Huda Professor of Work, 1999

Moffatt, Robert J., Ph.D., Michigan; Georgia Alice Stanford Professor of Exercise Science, 2000, and Chair of Nutrition, Food, and Exercise Sciences

Nicholson, Sharon E., Ph.D., Wisconsin; Distinguished Research Professor, 1997–1998, Heinz and Katharina Lettau Professor of Climatology, 2001, and Professor of Meteorology

Notter, Ph.D. D. Wisconsin; Distinguished Research Professor, 2002–2003, and Fridtjof Nansen Professor of Oceanography

Ortiz-Taylor, Sheila, Ph.D., California at Los Angeles; Francis G. Townsend Professor of English, 2002

Outlaw, William H., Jr., Ph.D., Georgia; Peter H. Homan Professor of Biological Science, 2001

Owens, Joseph, Ph.D., Tufts; Distinguished Research Professor, 1994–1995, Guenter Schwarz Professor of Physics, 2000

Peters, Michael, Ph.D., Ohio State; Elvin J. Dantz Professor of Engineering, 2000, and Chair of Chemical Engineering

Pfeifer, Richard L., Ph.D., Massachusetts Institute of Technology; Distinguished Research Professor, 1996–1997, Carl-Gustaf Rossby Professor of Meteorology, 1999

Pietralunga, Mark F., California at Berkeley; Victor Oelschlaeger Professor of Modern Languages, 2000, and Chair of Modern Languages and Linguistics

Portman, Richard R., Gordon Sawyer Professor of Recording Arts, 1999, and Assistant in Film, School of Motion Picture, Television, and Recording Arts

Quine, John R., Ph.D., Michigan; Charles W. McArthur Professor of Mathematics, 2002

Rasmussen, David C., Ph.D., Washington; James H. Gumpke Professor of Economics, 2000, Director, DeVo L. Moore and Family Center for Critical Issues

Riley, Mark, Ph.D., Liverpool; Raymond K. Sheline Professor of Physics, 2000

Roberts, Thomas M., Ph.D., Notre Dame; Robert B. Short Professor of Biological Science, 2002, and Chair of Physical Sciences

Ruhl, John B., LLM, George Washington; J.D., Virginia; Joseph Story Professor of Law, 2001

Sathe, Shridhar, Ph.D., Utah State; Distinguished Teaching Professor, 1996–1997

Schulen, D. K., Salukhbi Professor of Food Science, 2001, and Professor of Nutrition, Food and Exercise Sciences

Seaton, S. Douglas, Ph.D., Columbia; Warren D. Allen Professor of Music, 2000

Standley, Jayne, Ph.D., Florida State; Distinguished Research Professor, 2003–2004, and Ella Scoble Opperman Professor of English

Stephan, Friedrich, Ph.D., California at Berkeley; Curt P Richter Professor of Psychology and Neuroscience, 2000

Stern, Melvin E., Ph.D., Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, Professor of Practice

Sussman, Carlisle, Jr., M.D., Ph.D., Pennsylvania; Distinguished Professor 1997–1998, Professor of Medicine (Deceased 11/14/02)

THE ROBERT O. LAWTON DISTINGUISHED PROFESSORS

Rogers, William Hudson, Ph.D., Virginia; Distinguished Professor 1957–1958, Professor of English, (Deceased 7/11/75)

Irish, Marian Doris, Ph.D., Yale; Distinguished Professor 1958–1959, Professor and Chair of Political Science (Deceased 11/11/01)

Liddell, Anna Forbes, Ph.D., North Carolina; Distinguished Professor 1959–1960, Professor of Philosophy (Deceased 8/30/79)

Grunwald, Ernest Max, Ph.D., California; Distinguished Professor 1960–1961, Professor of Chemistry (Resigned)

Housewright, Wiley Lee, Ed.D., New York; Distinguished Professor 1961–1962, Professor and Dean, School of Education (Deceased 1/19/81)

Kasha, Michael, Ph.D., California; Distinguished Professor 1962–1963, Professor of Chemistry and Director, Institute of Molecular Biophysics (Retired)

Hoffman, Dorothy Lois Breen, Ph.D., Illinois; Distinguished Professor 1963–1964, Professor of Modern Languages and Linguistics (Deceased 3/7/85)

Floyd, Carlisle, Jr., M.M., Distinguished Professor 1964–1965, Professor of Music (Resigned)

Watts, Beverly Monaghan, Ph.D., Washington, St. Louis; Distinguished Professor 1965–1966, Professor of Food and Nutrition (Retired)

Sheline, Raymond K., Ph.D., California; Distinguished Professor 1966–1967, Professor of Chemistry and Physics, and Royal Danish Academy of Science and Letters (Retired)

Nichols, Eugene D., Ph.D., Illinois; Distinguished Professor 1968–1969, Professor and Head of Mathematics Education (Retired)

Friedman, Earl, M.M., Southern California; Distinguished Professor 1969–1970, Professor of Chemistry (Retired)

Bradley, Ralph Allan, Ph.D., North Carolina; Distinguished Professor 1971–1972, Professor and Head of Statistics (Deceased 10/30/01)

Beidler, Lloyd Mumbauber, 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 (Deceased 11/11/02)

Savage, I. Richard, Ph.D., Columbia; Distinguished Professor 1973–1974, Professor of Statistics (Retigned)

Kenshale, 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)

Nikolaides, Elena, Distinguished Professor 1976–1977, Professor of Music (Deceased 11/14/02)

Rubinstein, Richard Lowell, Ph.D., Harvard; Distinguished Professor 1977–1978, Professor of Religion (Retired)

Holmeymour L., Ph.D., Chicago; Distinguished Professor 1978–1979, Professor of Meteorology (Deceased 1/15/82)

Harper, George M., Ph.D., North Carolina; Distinguished Professor 1979–1980, Professor of English (Retired)

Waltersky, Harry M., Ph.D., Ohio State; Distinguished Professor 1980–1981, Professor of Chemistry (Deceased 10/15/02)

Gilmor, Robert, Ph.D., Louisiana State; Distinguished Professor 1981–1982, Professor of Mathematics

Cagig, Robert M., Ph.D., Brown; Distinguished Professor 1982–1983, Professor of Research, Development, and Foundations (Retired)

Tower, J. Herbert, Ph.D., Virginia; Distinguished Professor 1983–1984, Professor of Biological Sciences, and Program Director, Institute of Molecular Biophysics (Deceased 12/29/98)

Mandelker, Leo, Ph.D., Cornell; Distinguished Professor 1984–1985, Professor of Chemistry (Retired)

Proshan, Frank, Ph.D., Stanford; Distinguished Professor 1985–1986, Professor of Statistics (Retired)

Krishnamurti, Tiruvumal N., Ph.D., Chicago; Distinguished Professor 1985–1986, Professor of Meteorology

Smitheroff, Daniel, Ph.D., Harvard; Distinguished Professor 1986–1987, Professor of Biological Science (Resigned)

Hetz, 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 Mathematics

Robson, Donald, Ph.D., Melbourne, Australia; Distinguished Professor 1990–1991, Professor of Physics, and Scientist/Scholar, School of Computational Science and Information Technology

Fichter, Nancy Smith, Ph.D., Texas Woman’s University; Distinguished Professor 1991–1992, Chair and Professor of Dance (Retired)

Friedmann, E. Imre, Ph.D., Vienna; Distinguished 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 1995–1996, Professor of Biological Science

Burroway, Janet G., M.A., Distinguished Professor 1995–1996, McKenzie Professor, Professor of English

Trudell, 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 Pro-
Loyd, Nora K., M.S., Coordinator, Budgeting, Enterprise Resource Planning Project
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Melloh, Timothy A., Business Manager, Seminole Golf Course
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Miller, Edward L., B.S., Coordinator, Research Programs/Services, National High Magnetic Field Lab
Miller, George E., B.S., Coordinator, Research Programs/Services, National High Magnetic Field Lab
Miller, Laura C., M.B.A., Assistant Director, Business and Financial/Auxiliary Services, Parking Services
Miller, Lauren E., M.S., Assistant Dean, Student Affairs, Dean of Students
Miller, Letha, B.A., Coordinator, Research Programs/Services, Sponsored Research Services
Miller, Susannah C., B.A., Assistant Director, Human Resources/Personnel Relations, Human Resources
Milis, Brenda L., M.A., Coordinator, Information/Publications Services, English
Minnix, Robert J., J.D., Associate Director, Intercollegiate Athletics, Athletics
Mitchell, Cheryl M., B.S., Coordinator, Research Programs/Services, College of Medicine
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Mobley-Johnson, Veta M., M.D., Physician, Thagard Health Center
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Monte, Brenda H., Ph.D., Mississippi State, Coordinator, Academic Support Services, Athletics
Moore, Nicole T., M.S., Coordinator, Research Programs/Services, Sponsored Research Services
Moon, Melissa L., M.A., Coordinator, Education/Training Programs, Center For Civic Education and Service
Moore, Daniel A., B.S., Coordinator, Education/Training Programs, Thagard Health Center
Moore, Jeremy P., B.S., Coordinator, Research Programs/Services, Physics
Moore, Joy R., M.S., Coordinator, Clinical Programs, Communication Disorders
Moran, Thomas, B.A., M.S., Coordinator, Computer Applications, Enterprise Resource Planning Project
Morris, Charles A., Ph.D., Coordinator, Intercollegiate Athletics, Athletics
Morris, Paula J., B.A., Director, Information/Publications Services, University Communications/Publications
Morrogh, Earl H., Jr., M.A., Coordinator, Education/Training Programs, Enterprise Resource Planning Project
Rockwood, Persis E. (1960–1989), Ph.D., Professor of Marketing
Rodenberg, E. Rebecca, (1943–1960), M.A., Assistant Professor of Music
Roeder, Martin, (1964–1994), Ph.D., Professor of Biological Science
Rogers, William W., (1957–1995), Ph.D., Professor of History
Routh, Dorothy K., (1993–1997), M.A., Program Director, Learning Systems Institute
Rovetta, Charles A., (1953–1979), M.B.A., Dean Emeritus, College of Business, and Professor of Accounting
Rubanowice, Robert J., (1968–2002), Ph.D., Professor of Electrical and Computer Engineering
Ryan, Jeanne L., (1961–1986), Ph.D., Professor of Special Education and Reading
Sallans, Agnes E., (1951–1971), M.A., Professor of Nursing
Sandel, M., (May–2003), Ph.D., Boston; Professor of Religion, Distinguished Teaching Professor, 1990–1991
Schendel, Laurel L., (1954–1990), Ph.D., Professor of Communication Disorders
Schlick, Carolyn J., (1968–1996), Ph.D., Illinois; Professor of Educational Leadership
Schneider, W. Ray, (1962–1997), Ph.D., Dean Emeritus of Business; Professor of Risk Management/Insurance, Real Estate and Business Law; and Payne H. and Charlotte Hodges Eminent Scholar Chair
Smith, John A., (1999–2003), B.A., Professor of Business Administration, Florida Resources and Environmental Analysis
Smith, Robert L., (1978–2001), Ph.D., Professor of Music and Director of Spain Study Abroad
Smith, Sara Louise, (1951–1968), Ed.D., Chair and Professor of Health Education
Smoyer, Howard, (1947–1969), M.S., Assistant Professor of Education
Snyder, William R., (1966–2003), Ph.D., Illinois; Professor of Educational Leadership
Solomon, E. Ray, (1962–1997), Ph.D., Dean Emeritus of Business; Professor of Risk Management/Insurance, Real Estate and Business Law; and Payne H. and Charlotte Hodges Eminent Scholar Chair
Spangenberg, Philip C., (1970–2000), Ph.D., Professor of Economics
Steele, Jack E., (1972–1987), Ph.D., Professor of Biological Science
Stokes, Hendricks, (1947–1969), Ph.D., Professor of Biological Science
Strode, William A., (1990–1991), Ph.D., Professor of Oceanography
Sudnow, Estelle Cooper, (1959–1970), B.A., Assistant Professor of Social Work
Summers, F. William, Jr. (1989–1999), Ph.D., Dean Emeritus and Professor of Information Studies
Swain, Charles W., (1965–1998), Ph.D., Professor of Religion
Tait, Paul E., (1975–1997), Ph.D., Professor of Special Education
Tangenbaum, James, (1966–2003), Ph.D., California at Berkeley; Professor of History
Tanner, Slater L., (1954–1994), Ph.D., Professor of Geological Sciences
Taylor, Jack A., (1970–2001), Ph.D., Professor of Music, and Director, Center for Music Research
Testardi, Louis R., (1985–1996), Ph.D., Professor of Physics
Thomas, Hollie B., (1974–2003), Ph.D., Professor of Educational Leadership
Troeger, Betty J., (1980–2003), Ph.D., North Texas State; Associate Professor of Art Education
Unger, Frank A., (1972–1996), M.S., Director, Technical and Support Services, Florida Resources and Environmental Analysis
Ungurait, Donald F., (1968–2003), Ph.D., Wisconsin; Associate Professor of Communication
Urhart, John S., (1969–1995), Ph.D., Associate Professor of Music
Van Stan, Ina, (1941–1971), M.A., Professor of Clothing and Textiles
VanDerZee, William, (1968–1996), LL.M., Professor of Law
Vanderof, John S., (1959–1997), Ph.D., Professor of Political Science
Vashon, Avery O., (1971–1988), Ph.D., Associate Professor of Communication Disorders
Veller, Don A., (1948–1974), P.E.D., Professor of Human Performance
Vertuno, Edward W., (1971–2001), Ed.D., Associate Professor of Educational Leadership
Vickers, Thomas J., (1966–2003), Ph.D., Florida; Associate Chair and Professor of Chemistry
Vinson, J. Kenneth, (1969–2003), LL.M., Yale; Professor of Law
Voich Jr., Dan, (1964–2003), Ph.D., Illinois; Chair and Professor of Management
Wagaman, John S., (1972–1995), Ed.D., Associate Professor of Educational Leadership
Waldhy, H. Odell, (1951–1984), Ph.D., Professor of Administration and Consumer Sciences
Wallat, Cynthia, (1982–2003), Ph.D., Pittsburgh; Chair and Professor of Educational Foundations and Policy Studies
Wang, Yung-Li, (1968–2002), Ph.D., Professor of Physics
Warden, Jessie A., (1973–1986), Ph.D., Professor of Textiles and Consumer Sciences
Weale, Mary Jo, (1965–1989), Ph.D., Professor of Interior Design
Weale, W. Bruce, (1950–1977), Ed.D., Professor of Marketing
Wellborn, Charles T., (1965–1992), Ph.D., Professor of Religion, and International Programs
Wells, Dorothy L., (1979–1996), M.S., Assistant Professor of Textiles and Consumer Sciences
Wells, Lucy Janet, (1957–1989), Ed.D., Professor of Movement Science and Physical Education
Wendesheim, Gary L., (1971–2002), M.A., Professor of Music
Whiteley, Robert R., (1989–1999), Ph.D., Professor of Information Studies
Whitney, Grayson H., (1988–1999), Ph.D., Professor of Curriculum and Instruction
White, Joseph A., Jr. (1950–1990), Ph.D., Associate Dean of Information Studies
White, Patricia A., (1973–2003), Ph.D., Florida State; Assistant Dean and Assistant Professor of Oceanography
Williams, Charlotte A., (1968–1981), Ph.D., Assistant Professor of Management
Williams, Harry F., (1966–1987), Ph.D., Professor of Modern Languages and Literatures
Wilkinson, Martha L., (1944–1966), M.A., Assistant Professor of Elementary Education
Wilson, Audrey V., (1976–1995), Ph.D., Associate Scholar, Program in Humanities
* Winchester, John W., (1970–2003), Ph.D., Massachusetts Institute of Technology; Professor of Oceanography
Wingate, David B., (1966–2003), M.S., Associate Professor of Music
Winsberg, Morton D., (1963–1997), Ph.D., Professor of Geological Sciences
Wise, Thelma, (1948–1965), M.A., Instructor and Head Counselor, Dean of Women
Witt, Mary, (1948–1965), Ed.D., Associate Professor of Elementary Education
Wollan, Laurin A., (1976–2002), J.D., Associate Professor of Criminology and Criminal Justice
Wood, J. Robert, (1989–1998), Ph.D., Associate Professor of Electrical and Computer Engineering, Engineering
Wotring, Charles E., (1972–2000), Ph.D., Professor of Communication
* Wright, Thomas P., (1967–2003), Professor of Math
Yerg, Beverly, (1977–2001), Associate Professor of Physical Education
* Young, Emmett Neil, (1972–1998), J.D., Associate Professor of Risk Management/Insurance, Real Estate and Business Law
Young, Eutiquio C., (1965–2003), Ph.D., Maryland; Professor of Mathematics
Zaret, Daniel A., (1967–1970), Ph.D., Lecturer, Modern Languages and Linguistics
Zenz, Gary J., (1968–2003), Ph.D., Wisconsin; Professor of Marketing
Zongker, Calvin E., (1973–1997), Ed.D., Chair and Associate Professor of Family and Child Sciences, and Co–Director, Interdivisional Ph.D. Program in Marriage and the Family
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