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# UNIVERSITY CALENDAR

## Opening and Closing Dates

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<th>2007</th>
<th>2008</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>August 27—December 14</strong></td>
<td><strong>August 25—December 12</strong></td>
<td><strong>August 24—December 11</strong></td>
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<tr>
<td></td>
<td><strong>Homecoming</strong> October 26</td>
<td><strong>TBA</strong></td>
<td><strong>TBA</strong></td>
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<tr>
<td><strong>Spring</strong></td>
<td><strong>January 7—April 25</strong></td>
<td><strong>January 6—May 1</strong></td>
<td><strong>January 6—April 30</strong></td>
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<tr>
<td></td>
<td><strong>Spring Break</strong> March 10—14</td>
<td><strong>March 9—13</strong></td>
<td><strong>March 8—March 12</strong></td>
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<tr>
<td><strong>Summer</strong></td>
<td><strong>13 Week Session (A) May 12—August 8</strong></td>
<td><strong>May 11—August 7</strong></td>
<td><strong>May 10—August 6</strong></td>
</tr>
<tr>
<td></td>
<td><strong>First 6 Week Session (B) May 12—June 20</strong></td>
<td><strong>May 11—June 19</strong></td>
<td><strong>May 10—June 18</strong></td>
</tr>
<tr>
<td></td>
<td><strong>First 8 Week Session (F—Law) May 12—July 3</strong></td>
<td><strong>May 11—July 2</strong></td>
<td><strong>May 10—July 1</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Second 8 Week Session (D) June 16—August 8</strong></td>
<td><strong>June 15—August 7</strong></td>
<td><strong>June 15—August 6</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Second 6 Week Session (C) June 30—August 8</strong></td>
<td><strong>June 29—August 7</strong></td>
<td><strong>June 28—August 6</strong></td>
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</table>

## Legal Holidays (no classes)

<table>
<thead>
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<th>2007</th>
<th>2008</th>
<th>2009</th>
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<tbody>
<tr>
<td></td>
<td><strong>New Year’s Day</strong> Mon., January 1</td>
<td><strong>Tues., January 1</strong></td>
<td><strong>Thurs., January 1</strong></td>
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<tr>
<td></td>
<td><strong>Martin Luther King, Jr. Day</strong> Mon., January 15</td>
<td><strong>Mon., January 21</strong></td>
<td><strong>Mon., January 19</strong></td>
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<tr>
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<td><strong>Memorial Day</strong> Mon., May 28</td>
<td><strong>Mon., May 26</strong></td>
<td><strong>Mon., May 25</strong></td>
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<td></td>
<td><strong>Independence Day</strong> Wed., July 4</td>
<td><strong>Fri., July 4</strong></td>
<td><strong>Fri., July 3 (observed)</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Labor Day</strong> Mon., September 3</td>
<td><strong>Mon., September 1</strong></td>
<td><strong>Mon., September 7</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Veteran’s Day</strong> Mon., November 12 (observed)</td>
<td><strong>Tues., November 11</strong></td>
<td><strong>Wed., November 11</strong></td>
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<tr>
<td></td>
<td><strong>Thanksgiving Day</strong> Thurs., November 22</td>
<td><strong>Thurs., November 27</strong></td>
<td><strong>Thurs., November 26</strong></td>
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<tr>
<td></td>
<td><strong>Friday after Thanksgiving</strong> Fri., November 23</td>
<td><strong>Fri., November 28</strong></td>
<td><strong>Fri., November 27</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Christmas Day</strong> Tues., December 25</td>
<td><strong>Thurs., December 25</strong></td>
<td><strong>Fri., December 25</strong></td>
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</table>

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

## Admission/Readmission/Special/Transient Application Deadlines

<table>
<thead>
<tr>
<th></th>
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<th><strong>Spring</strong></th>
<th><strong>Summer</strong></th>
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<tbody>
<tr>
<td><strong>Undergraduate</strong></td>
<td></td>
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</tr>
<tr>
<td>Freshman1</td>
<td>February 14</td>
<td>November 1</td>
<td>February 14</td>
</tr>
<tr>
<td>Transfer</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate2</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Readmission</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate2</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Special Student</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate2</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Transient Student</strong></td>
<td></td>
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</tr>
<tr>
<td>Undergraduate3</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
</tbody>
</table>

1 Subject to change each year.

2 Many graduate programs have earlier deadlines than the University-wide published dates. Contact the individual program or department for the applicable admission deadline. Programs that use the University-wide dates may have earlier deadlines for consideration for financial awards.

3 Includes the Tallahassee Community College/Florida State University Cooperative Program.

All information used to make an admission decision must be received by the published deadline. In addition, the University reserves the right to close earlier, if warranted by enrollment limitations.
### FALL 2007 ACADEMIC CALENDAR

**Note:** The dates and times listed below are subject to change.

<table>
<thead>
<tr>
<th>Date/Date Range</th>
<th>Event/Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mar. 12–Apr. 20, 2007</strong></td>
<td>Registration for currently enrolled and readmitted degree-seeking students. See “Registration Windows.”</td>
</tr>
<tr>
<td><strong>July 1, 2007</strong></td>
<td>Last Day community college students can apply for Fall 2007 Cooperative Program registration.</td>
</tr>
<tr>
<td><strong>Aug. 18, 2007</strong></td>
<td>Residence Halls open at 9:00 a.m.</td>
</tr>
<tr>
<td><strong>Aug. 24, 2007</strong></td>
<td>Last day to file for change in residency status.</td>
</tr>
<tr>
<td><strong>Aug. 25–Aug. 30, 2007</strong></td>
<td>Registration for Florida National Guard using fee waivers. Drop/Add (includes Law School), 8:00 a.m.–midnight.</td>
</tr>
<tr>
<td><strong>Aug. 27, 2007</strong></td>
<td>Classes Begin. CLAST Registration Begins, (850) 644-3181.</td>
</tr>
<tr>
<td><strong>Aug. 27–Aug. 30, 2007</strong></td>
<td>Late Registration ($100.00 late registration fee.) FAMU–FSU Co-op Program Registration at the Office of the Registrar, UCA 3900.</td>
</tr>
<tr>
<td><strong>Aug. 27–Sept. 7, 2007</strong></td>
<td>Fee Payment at UCA 1500. For account status and fee payments visit <a href="http://www.fees.fsu.edu">http://www.fees.fsu.edu</a>. Annual student parking permits are issued online at <a href="http://parking.fsu.edu">http://parking.fsu.edu</a>.</td>
</tr>
<tr>
<td><strong>Aug. 29, 2007</strong></td>
<td>Last day to submit waivers or billings.</td>
</tr>
<tr>
<td><strong>Aug. 30, 2007</strong></td>
<td>Last day to Drop/Add and have fees adjusted. Students are liable for all fees for courses still on their schedules at midnight. Last day to add a course without academic dean’s permission.</td>
</tr>
<tr>
<td><strong>Aug. 31, 2007</strong></td>
<td>Fifth Day of Classes. Last day to cancel enrollment and have fees removed. Registration for state employees (non-FSU employees) using State Employee Fee Waivers (see ‘State Employee Fee Registration’ in “Registration Information” for instructions). Last day to request VA deferment from VA representative in Registrar’s Office.</td>
</tr>
<tr>
<td><strong>Sept. 3, 2007</strong></td>
<td>Labor Day. No Classes.</td>
</tr>
<tr>
<td><strong>Sept. 4, 2007</strong></td>
<td>Financial aid available via EFT in FSUCard accounts. First day to apply for financial aid deferments and delayed delivery loans. All financial aid students must check their financial aid status at <a href="http://www.ais.fsu.edu/financialaid">http://www.ais.fsu.edu/financialaid</a>.</td>
</tr>
<tr>
<td><strong>Sept. 7, 2007</strong></td>
<td>Last day to Register for CLAST exam, (850) 644-3181. Last day to file for Fall 2007 Graduation at the Office of the University Registrar, UCA 3900. Last day to pay or defer fees for all students, including veterans who are not using a veteran deferment, without a $100.00 late fee. Veterans should contact a VA representative with questions.</td>
</tr>
<tr>
<td><strong>Oct. 6, 2007</strong></td>
<td>CLAST exam given.</td>
</tr>
<tr>
<td><strong>Oct. 12, 2007</strong></td>
<td>End of seventh week of semester. Last day to submit form requesting S/U grading or to change S/U option back to a regular grade. Last day to reduce course load without the permission of academic dean. Dean’s permission required to drop below twelve (12) semester hours. Last day to drop a course without receiving a grade. Last day to withdraw without receiving a grade.</td>
</tr>
<tr>
<td><strong>Oct. 26, 2007</strong></td>
<td>Homecoming: No classes after 1:10 p.m.</td>
</tr>
<tr>
<td><strong>Nov. 1, 2007</strong></td>
<td>Last day community college students can apply for Spring 2008 Cooperative Program Registration.</td>
</tr>
<tr>
<td><strong>Nov. 2, 2007</strong></td>
<td>Financial Aid and Veterans’ Deferments Expire. Fall tuition payment must be received to avoid a late payment fee.</td>
</tr>
<tr>
<td><strong>Nov. 5, 2007</strong></td>
<td>Official Thesis/Dissertation manuscript approval deadline, 408 Westcott.</td>
</tr>
<tr>
<td><strong>Nov. 12, 2007</strong></td>
<td>Veteran’s Day Holiday. No Classes.</td>
</tr>
<tr>
<td><strong>Nov. 13, 2007</strong></td>
<td>Official Thesis/Dissertation copies due to manuscript clearance adviser, 408 Westcott.</td>
</tr>
<tr>
<td><strong>Nov. 16, 2007</strong></td>
<td>End of 12th week of classes. Deadline for late drop with dean’s permission.</td>
</tr>
<tr>
<td><strong>Nov. 22–23, 2007</strong></td>
<td>Thanksgiving Day Holiday. No classes.</td>
</tr>
<tr>
<td><strong>Nov. 28, 2007</strong></td>
<td>Financial Aid Exit Interview Deadline for all students with federal loans graduating, transferring, or taking less than six (6) semester hours at <a href="http://www.studentsfirst.fsu.edu">http://www.studentsfirst.fsu.edu</a>. Last day to turn in ServScript verification forms. Last Day of Classes. Last day to reduce course load, if permitted, by the academic dean. Last day to officially withdraw from school. Last day to apply for AA Certificate at the Office of Undergraduate Studies, UCA 3400. Final Exam Week. Semester Ends.</td>
</tr>
<tr>
<td><strong>Dec. 7, 2007</strong></td>
<td>Last day to turn in ServScript verification forms. Last Day of Classes. Last day to reduce course load, if permitted, by the academic dean. Last day to officially withdraw from school. Last day to apply for AA Certificate at the Office of Undergraduate Studies, UCA 3400.</td>
</tr>
<tr>
<td><strong>Dec. 10–14, 2007</strong></td>
<td>Final Exam Week.</td>
</tr>
<tr>
<td><strong>Dec. 14, 2007</strong></td>
<td>Residence Halls close at noon. Commencement, Civic Center, 9:00 a.m. Diplomas dated this date.</td>
</tr>
<tr>
<td><strong>Dec. 18, 2007</strong></td>
<td>Online Grades Due by 4:00 p.m. Grades available online.</td>
</tr>
<tr>
<td><strong>Dec. 19, 2007</strong></td>
<td></td>
</tr>
</tbody>
</table>
Required First Day Attendance Policy

University-wide policy requires all students to attend the first day of class meeting of all courses 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

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

The University’s standards of civility and collegiality recognize the dignity and value that each person contributes. In pursuing its mission of excellence as a comprehensive, graduate-research university with a liberal arts base, it is the policy of the 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 University realizes that there is an advantage in incorporating diversity and inclusion to achieve its mission and objectives. Further, it is the aim of the University in all lawful ways to carry forward its mission by:

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

To facilitate or otherwise strive to ensure university-wide compliance, diversity and inclusion, the University President has appointed Renisha Gibbs, Director, Human Resources/Office of Diversity and Compliance and Chief Diversity Officer to develop, administer and coordinate university-wide initiatives. This will be accomplished through collaboration with the Office of the Dean of the Faculties and all other divisions and departments. Further, Human Resources and the Office of the Dean of the Faculties serve the University in helping to create an educational environment that promotes fairness, respect and trust and 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 Renisha Gibbs at (850) 644-8082.

Persons with Disabilities

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

HIV/AIDS Policy

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

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

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

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; James Hennessy, Ph.D., Student Counseling, (850) 644-2003; and Brandi Williams, (850) 644-8871. Anonymous HIV testing is available for students and staff at Thagard Student Health Center. Any interested individuals should call (850) 644-8871 to schedule an appointment.

Sexual Harassment Policy

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

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

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

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

   b. Submission to or rejection of such conduct is used as the basis for a decision affecting employment, academic status, receipt of services, participation in University activities and programs, or the measure of a student’s academic performance; or,
Examples of sexual harassment include, but are not limited to:

- Inappropriate nonconsensual touching of another's body,
- Use of inappropriate gestures or body language of a sexual nature, including leering or staring at another;
- Unwelcome requests or demands for sexual favors or unwelcome sexual advances;
- Inappropriate nonconsensual touching of another's body, including but not limited to kissing, pinching, groping, fondling, or blocking normal movement; or
- Sexual battery. (Note: Some acts of sexual harassment may also constitute violations of criminal law, e.g., sexual battery, indecent exposure, sexual abuse, etc. In such instances, please refer to the FSU Sexual Battery Policy.)

Disciplinary and Other Actions: Sexual harassment is prohibited by 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.

- **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. Any supervisor who has witnessed or becomes aware of any incident of sexual harassment is required to take prompt corrective action. Any sexual harassment involving a person within that supervisor's purview is required to take prompt corrective action, and to report the matter, if possible, within two work days to the OAS. Failure of the supervisor to take appropriate corrective action or to report the incident shall be a violation of this policy and shall constitute misconduct subject to disciplinary action as described in Section (5) above.

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

- **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.

- **Reporting Required:** Any student or employee who has witnessed what is perceived to be a violation of this policy should promptly report that conduct to the OAS, who 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 and to report the matter, if possible, within two work days to the OAS. Failure of the supervisor to take appropriate corrective action or to report the incident shall be a violation of this policy and shall constitute misconduct subject to disciplinary action as described in Section (5) above.

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

- **Transmitting a Complaint to the OAS:** The complaint shall immediately be forwarded to the OAS. If the complaint is filed for acts that occurred more than one year from the filing date of the complaint, the complaint shall generally not be investigated unless appropriate in the judgment of the OAS.

- **Preventing a Complaint:** The complainant should provide the following information to facilitate a prompt and thorough investigation:
  - The names, addresses, telephone numbers, administrative unit, and position or status of the complainant and the respondent, if known;
  - Specific acts alleged, including dates, times, and locations;
  - Names, addresses, and phone numbers of potential witnesses;
  - The effect the alleged acts have had on the complainant;
  - Actions the complainant may have taken to stop the harassment;
  - The effect the alleged acts have had on the complainant;
  - Other information the complainant believes is relevant.

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  - 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 stop the harassment;
  - The effect the alleged acts have had on the complainant;
  - Other information the complainant believes is relevant.
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, the OAS will refer the matter to the Office of the General Counsel for appropriate action. If the OAS determines that the alleged perpetrator is a student or employee, the OAS will review the complaint to determine whether the acts complained of, as stated by the complainant, constitute a violation of this policy, and if not, the complainant will be so informed. If the OAS determines the alleged acts may constitute a violation of this policy, investigation will proceed as set forth in Section (10) below, unless the matter is satisfactorily resolved as in the following paragraph (e).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

16. **Where To Go For Help:** Any member of the university community may report sexual harassment to The Office of Audit Services, 407 Westcott Building, (850) 644-6031, or by calling the Florida State University Sexual Harassment Hotline, (850) 644-9013. Staff is also available in the following offices to assist victims of sexual harassment:

- A student victim may report to Dean of Students, 4322 University Center A, (850) 644-2428; a faculty victim may report to Dean of Faculties, 314 Westcott Building, (850) 644-6876; an A&P, USPS or OPS victim may report to Human Resources, 6224 University Center A, (850) 644-6475.

**Mission Statement**

(Approved by BOR, July 28, 1988; revised, May 21, 1999; updated 2002)

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

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

Given its history, location, and accomplishments, Florida State University does not expect major changes in its mission during the next decade. Rather, it sees further refinement of that mission with concentration on its strong liberal arts base and on quality in its teaching, research, and public service. The University has established its reputation upon areas of strength by building excellence in the four components of the Science Development Program—physics, chemistry, psychobiology (now neuroscience), and statistics—together with the physical, biological, earth, and mathematical sciences closely related to them. Excellence in these and related areas, particularly materials science, resulted in relocation of the National High Magnetic Field Laboratory to Florida State. Enhancement of the fine and performing arts began with the establishment of the Center for Music Research in the already prestigious College of Music and includes prominent programs in Theatre, Dance,
and the Visual Arts. Within the areas of humanities, the Departments of English, Philosophy, Religion, and Humanities are particularly distinguished. Special emphasis in economic policy and government has been directed to the College of Social Sciences' Departments of Economics, Geography, Political Science, Urban and Regional Planning, and School of Public Administration and Policy and to its DeVoe L. Moore and Family Center for Economic Policy and Government and the public policy components of the School of Criminology, the College of Social Work, and the College of Education.

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

As a comprehensive residential state university, Florida State University attracts students from every county in Florida, every state in the nation, and 133 foreign countries. The University is committed to high admission standards that ensure quality in its student body. The University’s undergraduate student body currently includes 89 National Merit, National Achievement and Hispanic scholars, as well as students with superior creative talents. It also provides alternative admission and highly successful retention programs for special student populations. Most students pursue a full-time course of study in normal progression from high school or undergraduate institutions. Graduate students, who comprise 20.2 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 6.7 percent, mostly graduate students, are over 31 years old.

A Summons to Responsible Freedom

Values and Moral Standards at Florida State University

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

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

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

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

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

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

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

A responsible student recognizes that freedom means the acknowledgment of responsibility to the following: to justice and public order; to fellow students’ rights and interests; to the University, its rules, regulations, and accepted traditions; to parents, teachers, and all others whose support makes one’s advanced education possible; to city, state, and national laws; to oneself; and to the opportunity for specialized training and continuing education toward the ends of personal fulfillment and social service. Students are urged to use their freedom in the University community to develop habits of responsibility that lead to the achievement of these personal and social values. Responsible student behavior requires observance of the Student Conduct Code, which is based on respect for the dignity and worth of each person and the requirements for successful community life.

Relations among all persons should be characterized by mutual respect and equality. Sexism, sexual harassment, and sexual coercion of any sort are wrong and constitute a violation of fundamental moral requirements and state law. Minimally responsible behavior requires that no one take sexual advantage of another.

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

The cultural, ethnic, and racial diversity of the University community provides an opportunity for learning about those different from oneself. 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 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 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

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

Integrity in Research and Creative Activity

It is the policy of 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 Florida State University

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

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

The official method of communication at Florida State University is the UCS Garnet e-mail account. In order to stay informed and aware, students are required to set up and maintain their account, and check it three times per week. To set up an e-mail account, students first must acquire an FSUCard. For more information concerning FSUCards, contact the FSUCard center at (850) 644-7777. Students may choose to forward their Garnet account to another e-mail account; however, they still will be responsible for all information distributed by the University to their Garnet account. For more information (including how to set up an account,) log on to http://cars.acns.fsu.edu or call the Office of Technology Integration Help Desk at (850) 644-8302, extension 1.

Student Addresses

Students are required to maintain their current local and permanent addresses with the university. Address updates may be done online at http://campus.fsu.edu or in person at the Office of the University Registrar, 3900 University Center A.

Florida State University Statement for Students on the Unlawful Possession, Use, or Distribution of Illicit Drugs and Alcohol

Florida State University Alcohol Policy

Florida State University has an Alcohol Policy that delineates where and under what circumstances alcohol is permitted on campus. Please visit the following link: www.tshc.fsu.edu/par/documents/FSUAAlcoholPolicy.pdf to reference information regarding this policy.

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 First Offense</th>
<th>Maximum Penalty First Offense</th>
</tr>
</thead>
<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>60 days jail; $500 fine.</td>
</tr>
<tr>
<td>Using a false driver’s license ID or allowing someone to use your driver’s license for an ID card.</td>
<td>Diversion program; $180 fine; 10 hours community work program.</td>
<td>60 days jail; $500 fine.</td>
</tr>
<tr>
<td>Providing alcohol to a person under 21.</td>
<td>Diversion program; $180 fine; 10 hours community work program.</td>
<td>60 days jail; $500 fine.</td>
</tr>
</tbody>
</table>

Note: These are only for information. State sanctions are subject to change by the Florida Legislature.

Illicit Drugs Offenses

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

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

Alcohol consumption causes a number of marked changes in behavior. It may increase aggressiveness, lower inhibitions, cloud judgment, reduce resistance, and hamper the ability to make decisions. The effects of alcohol are related to dose, rate of intake, body size and percentage of body fluid, expectations, social environment, physical conditions (disease or, more commonly, hormonal cycles can be factors), enzyme differences, and concentration of alcohol in a drink. Alcohol first affects the area of the brain responsible for higher functions, such as decision-making and social inhibitions, suppressing an individual’s self-control. Alcohol in the blood slows reaction time, reduces muscle coordination and impairs eyesight, contributing to deficits in performance, judgment, memory, and motor skills. Even low doses significantly impair the judgment 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 increased 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 dependence. High tolerance may be an inherited function, which many researchers think is a sign of genetic predisposition to alcoholism. Sudden cessation of alcohol intake by alcoholics is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions, which can be life-threatening.

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

Educational and Counseling Resources and Support

- In support of responsible management of alcohol, the university provides information in the form of books, pamphlets, videotapes and computer resources through the Office of Health Promotion at the Thagard Student Health Center [644-8871]. The Office of Resident Life [644-2860] and the FSU Police Department [644-1234] also sponsor educational programs.

- Volunteer opportunities for students seeking to work toward greater alcohol responsibility are available through KARMA (Knowing About the Responsible Management of Alcohol and other drugs) Peer Educators [644-8871], and PAR (Partnership for Alcohol Responsibility) [644-6489] at Thagard Student Health Center.

- SMART (Students Making Alcohol and Other Drug Responsibility Theirs) Choices consists of two two-hour class sessions and an interactive on line program at Thagard Student Health Center that presents the legal and personal consequences of substance abuse. Students who are sanctioned by the Office of Student Rights and Responsibilities [644-2428, Dean of Students Office] or University Housing [644-2860] for on- or off-campus violations of the University’s alcohol and drug policy must complete the course. The purpose of the course is to introduce the student to a process of self-examination that may lead to improved decision making and behavior change.

- The Learning Resources Center of the College of Nursing has books, slides and videotapes on alcohol and other substances which are available to instructors in the College of Nursing. All other staff or faculty would need approval from the Dean of the College of Nursing to access these resources [644-1291].

- The Digital Media Center provides media resources, which include listings on alcohol topics, to all campus approved departments and organizations. There is no charge for this service when it is used for regularly scheduled classes [644-5924; Web site is http://www.lib.fsu.edu/digitalmc.html].

- The University Counseling Center provides counseling services to students. These services are free to students who have paid their fees, and include alcohol and other substance abuse counseling [644-2003]. Counseling services are also provided by the Marriage and Family Therapy clinic, where fees are based on annual income [644-1588].

- The Human Services Center is a training clinic within the College of Education. Counselors are graduate students with counseling majors. Fees are based on a sliding scale [644-3854, 644-3857].

- The Psychology Clinic is also a training clinic. Counselors are graduate students in clinic psychology programs. They provide one-on-one psychology services (no support groups) to both students and the community. Fees are based on a sliding scale [644-3006].

- The Employee Assistance Program (EAP) at Florida State University was established to assist employees with behavioral, medical and substance abuse problems affecting employment. Employees can enter the program through self-referral or supervisory referral. The EAP functions as a coordinator of counseling and other appropriate services available both within the university and the community [644-2288].

- Big Bend Helpline 211, Inc. [www.211bigbend.org] is a 24-hour hotline and has the most extensive and current listing of counseling and support services (AA, ALANON, etc.) in the Tallahassee community [211 or 224-6333].

University Disciplinary Sanctions for Alcohol/Drug Offenses

The disciplinary function at 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 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

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

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

Classes were held at the West Florida Seminary from 1857 until 1863, when the state legislature changed the name to The Florida Military and Collegiate Institute to reflect the addition of a military section that trained cadets. During the Civil War, cadets from the school, ranging in age from 12 to 18, fought in the Battle of Natural Bridge and helped make Tallahassee the only Confederate capital east of the Mississippi not captured during the war. As a result of the brave action of the West Florida Seminary cadets in this battle, Florida State University’s 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 postsecondary 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 student body numbered 252 men and women, and degrees were available in classical, literary, and scientific studies. 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, was organized by the Board of Education as The Literary College of the University of Florida. Owing to lack of means for the support of this more ambitious project, and also owing to the fact that soon thereafter schools for technical training were established, this association soon dissolved. It remains to be remarked, however, that the legislative act passed in 1885, bestowing upon the institution the title of the University of Florida, has never been repealed. The more pretentious name is not assumed by the college owing to the fact that it does not wish to misrepresent its resources and purposes.

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

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

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

In the 1960s the University acquired the Shaw Poetry Collection, established the Institutes 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 Ph.D. 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 the 1970s and 1980s—AKA the meandering decade—Florida State University has added to its academic organization and now comprises 16 colleges and schools. It has expanded from the original few acres and buildings to over 513 buildings on nearly 1,445.2 acres, including the downtown Tallahassee main campus of 450.5 acres; a farm, which for many decades supplied the Florida State College for Women with food; the Seminole Reservation—a recreational facility; the Marine Laboratory on the Gulf Coast; the FAMU–FSU College of Engineering facility; the University Computing Center and Division of Research at Innovation Park; and the branch campus in Panama City, Florida. Florida State University celebrated its 50th year as a university in 1997, with a student population of over 30,000, and recognition as a major graduate research institution with an established international reputation.

The Fall 2006 enrollment totaled 40,474 students from all 50 states, the District of Columbia, and 133 countries. The breakdown by class included 7,241 freshmen, 5,934 sophomores, 8,671 juniors, 9,212 seniors,
Florida State University

758 law students, 1,242 special students, and 8,174 graduate students. Of the student body, 43.6% are men, 56.4% women. The faculty totaled 2,291.

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

Florida State University is one of eleven units of the Division of Colleges and Universities (DCU) of the State Board of Education (SBOE). The State Board of Education, established pursuant to Section 1001.01, Florida Statutes, on January 7, 2003, oversees education governance in the state through the Commissioner of Education, who serves as Secretary of the SBOE. The Florida Board of Governors (FBOG) coordinates the State University System. The SBOE and FBOG oversee the 13-member Boards of Trustees for each of Florida’s public universities through the Chancellor of Colleges and Universities. Florida State University’s Board of Trustees sets the University’s policies and goals and serves as the board of managers and/or service programs in Costa Rica, Croatia, and Italy.

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

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

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

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

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

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

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

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

Panama City Campus

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

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

Colleges

The academic organization of the University comprises 16 colleges. One of these, the College of Engineering, is a joint program of the Florida Agricultural and Mechanical University (FAMU) and Florida State University. The colleges offer courses of study in 26 major disciplines. In addition to the associate in arts (AA) certificate, they offer 94 authorized baccalaureate degree programs covering 194 fields, 102 authorized master’s degree programs covering 197 fields, 28 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; Classics; Computer Science; English; Geological Sciences; History; Mathematics; Meteorology; Military Science; Modern Languages and Linguistics; Oceanography; Philosophy; Physics; Psychology; Religion; Statistics.

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

College of Business

School: Dedman School of Hospitality.

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

Interdisciplinary Programs: Business Administration and Law; Multinational Business.

College of Communication

Departments: Communication; Communication Disorders.

College of Criminology and Criminal Justice

College of Education

Departments: Childhood Education, Reading, and Disability Services; Educational Leadership and Policy Studies; Educational Psychology and Learning Systems; Middle and Secondary Education; Sport Management, Recreation Management and Physical Education.
FAMU–FSU College of Engineering
Departments: Chemical and Biomedical Engineering; Civil and Environmental Engineering; Electrical and Computer Engineering; Industrial Engineering; Mechanical Engineering.

College of Human Sciences
Departments: Family and Child Sciences; Nutrition, Food, and Exercise Sciences; Textiles and Consumer Sciences.
Interdivisional Programs: Marriage and Family; Independent Living for Persons with Disabilities.

College of Information

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

College of Motion Picture, Television, and Recording Arts

College of Music
Interdisciplinary Program: Music Research.

College 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.

College of Social Work

College of Visual Arts, Theatre and Dance
Departments: Art; Art Education; Art History; Dance; Interior Design; Theatre.
Interdisciplinary Program: Arts Administration.

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

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

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

Program Development and Faculty Support
Learning Systems Institute

Science and Public Affairs
Beaches and Shores Resource Center
Center for the Advancement of Human Rights
Center for Biomedical and Toxicological Research and Hazardous Waste Management
Center for Economic Forecasting and Analysis
Center for Information, Training, and Evaluation Services (CITES)
Center for Prevention and Early Intervention Policy
Florida Conflict Resolution Consortium
Florida Resources and Environmental Analysis Center (FREAC)
Florida State Climate Center
Institute for International Cooperative Environmental Research (IICER)
Czech/American Joint Center for Environmental Research
Hungarian/American Joint Center for Environmental Research
Polish/American Joint Center for Environmental Research
Russian/American Joint Center for Environmental Research
Institute of Science and Public Affairs (ISPA)
John Scott Dailey Florida Institute of Government
The Florida Center for Prevention Research

International Programs
Florida–Costa Rica Linkage Institute (FLORICA)

College of Arts and Sciences
Antarctic Marine Geology Research Facility
Center for Materials Research and Technology (MARTECH)
Center for Ocean-Atmospheric Prediction Studies (COAPS)
Cooperative Institute for Tropical Meteorology
Geophysical Fluid Dynamics Institute (GFDI)
Institute for Cognitive Sciences
Institute for Fishery Resource Ecology (IFRE)
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

College of Communication
Center for Hispanic Marketing Communication
Communication Research Center
L.L. Schendel Speech and Hearing Clinic

College of Criminology and Criminal Justice
Center for Criminology and Public Policy Research
College of Education
Center for Educational Research and Policy Studies
Center for the Study of Technology in Counseling and Career Development
Center for the Study of Values in College Student Development
Melvane Draheim Hardee Center for Women in Higher Education

FAMU–FSU College of Engineering
Center for Intelligent Systems, Control and Robotics (CISCOR)
High Performance Materials Institute
Sustainable Energy Science and Engineering Center (SESEC)

College of Human Sciences
Center for Family Services
Center for Marriage and Family Therapy
Center for Retail Merchandising and Product Development
Center on Better Health and Life for Underserved Populations
Florida Inter-University Center for Child, Family and Community Studies
Florida State University Family Institute

College of Information
Information Use Management and Policy Institute

College of Medicine
Center for Rural Health Research and Policy
Center of Excellence for Patient Safety
Center on Medicine and Public Health
Center on Terrorism and Public Health

College of Music
Center for Music of the Americas
Center for Music Research
Institute for Infant and Child Medical Music Therapy

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 Center for Public Management
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

College of Social Work
Institute for Family Violence Research
Institute for Social Work Research
Traumatology Institute
Trinity Institute for the Addictions

College of Visual Arts, Theatre and Dance
Maggie Allee National Center for Choreography

Provost’s Office
Institute for Academic Leadership

Office of the Vice President for Student Affairs
Florida Center for Interactive Media

Office of Research
Center for Advanced Power Systems (CAPS)

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 Florida State University may apply for admission to the Navy ROTC Program offered through Florida Agricultural and Mechanical University. Interested male or female freshmen and sophomores are encouraged to enroll and apply for a Navy or Marine Corps scholarship. Naval Science classes are listed in the FAMU General Catalog under “Division of Naval Sciences.” The Air Force ROTC program is offered to students at FSU, FAMU, TCC, and Embry-Riddle Aeronautical University extension campus at TCC. The classes are listed in this General Bulletin under “Aerospace Studies.” For additional information, visit our Web site at http://www.fsu.edu/~rotc, call (850) 644-3461, or stop by 212 Harpe-Johnson Hall. The Army ROTC Program is offered to FSU and TCC students. The classes are listed in this General Bulletin under “Military Science.” For additional information, visit our Web site at http://www.fsu.edu/~armyrotc/, call (850) 644-8806, 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 Florida State University through the FAMU–FSU Cooperative Program. The NROTC Program at FAMU is administered by the NROTC staff. This program affords the opportunity for selected men and women to receive instruction in naval science courses, which, in conjunction with a baccalaureate degree, will qualify them for a commission in the United States Navy or the United States Marine Corps. Students enrolled in the University who are physically qualified, and who are United States citizens, are eligible to apply for the NROTC program.

The FAMU NROTC Unit offers five programs: 1) the Navy–Marine Corps College Program (non-scholarship); 2) the four-year Navy–Marine Corps Scholarship Program; 3) the two-year NROTC College Program; 4) the two-year Scholarship Program; and 5) the Tweedale Scholarship Program. Navy-Marine Corps College Program students are eligible to compete for available Naval Education and Training Command (NETC) scholarships anytime after one semester of participation in the program. Selection is based on academic achievement and military aptitude. Scholarships include full tuition, lab fees, and a textbook allowance of $375.00 per semester. Additionally, a stipend of $250.00 (freshmen), $300.00 (sophomores), $350.00 (juniors), or $400.00 (seniors) is paid per month to help defray the cost of living expenses. Navy–Marine Corps College Program students, when selected for advanced standing in their junior or senior year, receive a $350.00 and $400.00 per month stipend, respectively.

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

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

**Director:** William H. Lindner  
**Associate Director:** Susann Rudasill

In August 2005, two familiar departments, the Office of Distributed & Distance Learning and the Center for Professional Development, joined forces to become **Academic & Professional Program Services (APPS)**. The APPS unit of Florida State University is the continuing education and academic program outreach entity for the campus, the community, and students of all ages everywhere. Located at the University Center, the experienced faculty and staff of APPS support a variety of learning opportunities as they provide services to colleges, departments, and students on campus and online. APPS can be reached online at [http://www.fsu.edu/panama](http://www.fsu.edu/panama), the International Programs office at A3500 University Center; or call (850) 644-3272.

**FSU's Blackboard**

Blackboard serves as the learning portal for the FSU community. Serving over 40,000 students, [http://campus.fsu.edu](http://campus.fsu.edu) receives over 35,000 unique visitors each school day. Blackboard enables integration and educational innovation at FSU by connecting people to—and through—instructional technology.

The Blackboard team works with support systems and resources from multiple units on campus to integrate learning technology with other applications, ensuring a more efficient operation for all users. The APPS developers work with academic and administrative units to extend the functionality and features of Blackboard in order to enhance the teaching and learning experience.

**FSU Online**

FSU Online provides personalized attention for off-campus learners by supporting online academic degree programs, applications, tuition and financial aid, and student support. Florida State University offers a wide variety of online undergraduate and graduate degree and certificate programs. Current program areas include Business, Communication Disorders, Criminology, Education, Information Studies, Interdisciplinary Social Sciences, Nursing, Social Work, and Software Engineering.

FSU Online staff members provide personal, ongoing educational support to distance learners across the nation throughout their entire tenure at the University. From the prospective student’s initial inquiry about a program to his or her final semester, the APPS Online staff are on hand to guide, advise, and assist.

Students enrolled in online classes at FSU are just a click away from contacting their instructor, class mentor, and other students to ask questions or provide comments. Communication between instructor and students is a central feature of the FSU Blackboard system for all online courses, and, for technical issues, assistance is always available through the FSU help-desk system.

A large university setting can be daunting, but when it comes to issues of admissions, registration, orientation, and academic advising, FSU provides a centralized resource to help students get the proper information so they can concentrate on coursework. For more information, please visit our Web site at [http://online.fsu.edu](http://online.fsu.edu); for initial and ongoing program inquiries and tracking, e-mail [inquiries@campus.fsu.edu](mailto:inquiries@campus.fsu.edu), or telephone (850) 645-0393 or toll free 1-877-FLSTATE.

**The Center for Teaching and Learning (CTL)**

CTL assists instructors and faculty members by providing effective instructional strategies and technologies. Since its inception, CTL has delivered over 20,000 hours of consultation and instruction to faculty and TAs. The unit serves an average of 400 digital media requests per year and has supported the development of 346 online and hybrid courses.

CTL resources help faculty and instructors apply teaching techniques, instructional technologies, and proven methodologies that engage students and help them learn both online and in the classroom.

Collegiality is an integral part of academic life and a critical component of the learning process for students. CTL supports faculty and instructors in a wide variety of collaborative opportunities that can inform and strengthen teaching techniques and strategies—from mentoring TAs to individualized consultation.

CTL offers funded workshops throughout the year, including teaching enhancement workshops, an online workshop series, custom workshops, and multi-day funded workshops over the summer. For further information, please visit [http://learningforlife.fsu.edu/ctl/](http://learningforlife.fsu.edu/ctl/).

**The Center for Assessment and Testing (CAT)**

CAT provides measurement, evaluation, and survey services for faculty and instructors. The Center hosts over 30,000 tests each academic year and offers exam scoring and reporting, course evaluations, survey questionnaires, scan form design, national or state standardized tests, computer or Internet-based testing.

CAT can score tests completed on mark-sense format sheets (scan forms), provide a variety of results reports in paper or data transfer, and even provide item analysis for evaluation of the test itself. It also facilitates testing evaluations for both face-to-face and online courses, and supports research and administrative data collection through the design of scan forms, processing the results, and creation of reports.

The center provides a secure testing environment for national and state standardized testing as well as for online and hybrid FSU courses. It also offers placement tests for the Modern Languages Department and testing for large courses with problem testing venues. Testing is done using Internet-based, computer-based, and paper/pencil based formats. See [http://cat.fsu.edu](http://cat.fsu.edu).

**The Center for Professional Development (CPD)**

CPD promotes lifelong learning and personal productivity enhancement. Last year, the Center for Professional Development provided over 4,700 professional certifications for banking, legal, construction, teaching, and technology professionals. The CPD offers the following services:

**Professional Development.** CPD offers building code training online, the certificate in financial planning online, continuing legal education online, a financial planning online review course, and writing certificate programs.

**Technology Training.** CPD offers up-to-date technical training for some of the hottest technical professions on the market, such as webmaster certification, desktop certification, desktop publishing, and MCSA. The campus-based and online courses are instructor-led and offer plenty of hands-on experience.

**Academic Credit.** CPD provides academic credit courses, including part-time degree and certificate programs for the non-traditional student. These courses are offered on campus and at a distance. Special courses and teacher institutes are held each summer. CPD also coordinates returning student scholarships for students 23 years of age or older.
The Florida Center for Public Management

Director: Shawn Baldwin

The Florida Center for Public Management (FCPM) was established in 1978 to provide assistance to elected leaders and public managers in state and local governments in Florida. Its staff of full-time, experienced management consultants is available to help these officials improve their operations through a variety of services, including executive development seminars, organizational improvement diagnoses, leadership and staff team-building workshops, and various problem-solving techniques. FCPM efforts include the Florida Certified Public Manager Program, a nationally recognized comprehensive training and development program for public sector managers. FCPM is a part of the University’s School of Public Administration and Policy. To obtain further information about FCPM and its services, write or call: The Florida Center for Public Management, Florida State University, HMB 102, Tallahassee, FL 32306-2821; (850) 644-6460.

Learning Systems Institute

Director: Laura B. Lang

Associate Directors: Tristan Johnson, Rabieh Razzouk, Mike Spector

The Learning Systems Institute (LSI) is a multi-disciplinary research and development unit dedicated to improved human performance. LSI is a recognized world leader in the improvement of teaching, learning, and performance systems in school, business, industry, and military settings. LSI has generated more than $170 million in externally funded research over its 39-year history, 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, science and leadership;
2. Learning communities research;
3. Learning and performance support systems research and implementation;
4. Multidisciplinary research related to the study of expert performance;
5. International development through improved learning systems;
6. Reading Research; and
7. Education policy studies and research.

To obtain further information about LSI, contact Learning Systems Institute, 4600 UCC, Tallahassee, FL 32306-2540; (850) 644-2570. The institute’s Web site may be accessed at http://wwwlsi.fsu.edu.

Institute for Cognitive Sciences

Director: Dr. Michael Kaschak

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 cognition, philosophy of artificial intelligence, study of the brain, robotics, education, and vision. Recently, research into cognitive aspects of the management of technology and of the perception of its affordability/cost has been included. A certificate is offered for graduate study in cognitive sciences.

L.L. Schendel Speech and Hearing Clinic

Director: Juliann Woods, PhD; Associate Director: Janice McClung, MS

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 Florida State University students in speech language pathology and audiology. Specific services include:

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

Services are provided by graduate students under the direct supervision of faculty members. All professional staff members are licensed by the Florida Board of Speech Language Pathology and Audiology and certified by the American Speech Language Hearing Association. Fees vary according to the nature of services. Students, faculty, and staff receive a reduced rate. Further information is available by writing or calling: L.L. Schendel Speech and Hearing Clinic, 107 Regional Rehabilitation Center, Florida State University, Tallahassee, FL 32306-1200; (850) 644-2238 (Voice and TDD), Fax (850) 644-8994.

Libraries

Florida State University’s 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. Florida State University’s libraries include the Robert Manning Strozier Library (the main library), the Paul A.M. Dirac Science Library, the Harold Goldstein Library, the Warren D. Allen Music Library, the Law Library, and the College of Medicine Medical Library. Library materials...
and services also are available at Florida State University’s off-campus sites, including the Ringling Museum of Art, the Panama City, FL campus, the Republic of Panama branch campus, and the study centers in London and Florence.

The libraries support the University’s educational and research missions through extensive collections and a wide range of services available to the campus community and to distance learners virtually and in person. The libraries’ resources include approximately 2.9 million books and periodicals; over 800,000 government documents; more than 9,000 films, videos, and DVDs; and over 800,000 microforms. Access to over 300 subscription databases, 274,000 e-books, and more than 29,000 electronic journals covering a wide variety of subjects is available from offices, residence halls, homes, and other remote locations, as well as in the libraries. The online catalog is available on the library’s Web site and provides access to all the University’s collections. Worldwide information resources are available readily through the Internet. Access to materials and resources not held in the University’s collections is available through interlibrary loan and document delivery.

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

A state-of-the-art media center in Strozzi Library provides equipment and facilities for listening to, viewing, and editing multimedia materials. The libraries provide Internet-accessible computers, printers, and photocopiers for convenient use. Additional computers for research and word-processing are available in a student computer center located in Strozzi Library. Adaptive equipment and software for students with disabilities also are available.

The library is a member of the Association of Research Libraries (ARL), the Center for Research Libraries (CRL), the Research Libraries Group (RLG), and the Association of Southeastern Research Libraries (ASERL).

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

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

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

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

The Law Library, operated by the College of Law, has a collection containing more than 500,000 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 journals. Visit http://www.med.fsu.edu/library/ for more information.

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

Undergraduate Education

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 individualized advising 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. 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 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 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. 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

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

In its 1994 report, The Carnegie Foundation ranked Florida State University in the Doctoral/Research Universities–Extensive category, its highest category for a graduate-research university. Florida State University is one of eighty-nine American universities to have earned this designation at that time.
RESEARCH FACILITIES AND SPECIAL PROGRAMS

Research and Research Facilities

Since its designation as a university in 1947, Florida State University has built a reputation as a strong center for research and creativity in the sciences, the humanities, and in the arts. During fiscal year 2005, Florida State University’s faculty generated a record $190 million in funding to supplement state funds used for research. These external funds, derived through contracts and grants from various private foundations, industries, and government agencies, are used to provide stipends for graduate students, to improve research facilities, and to support the research itself.

Many members of Florida State University’s faculty are renowned scholars in their fields. In the natural sciences, Florida State University is perhaps best known for its basic research programs in physics, nuclear science, chemistry and biochemistry, biology, psychology, meteorology, and oceanography. Its programs in geology, mathematics, computer science, and statistics also have strong research components, both basic and applied. Since 1982, Florida State has operated a College of Engineering as a joint program with Florida A&M University, an enterprise combining strengths in mechanical, electrical and computer, civil, environmental, chemical and biomedical, and industrial and manufacturing engineering.

Special Programs

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

This unique facility supports an extensive in-house research program that advances its scientific and technical capabilities. The in-house research program is built around leading scientists and engineers who concentrate on the study of strongly correlated electron systems, molecular conductors, magnetic materials, magnetic resonance, cryogenics, and new approaches to measuring materials properties in high magnetic fields. Research at the laboratory is opening new frontiers of science at high magnetic fields, which have enormous potential for commercial and industrial applications. The laboratory also has one of the world’s foremost magnet and science technology groups, which designs and builds this new generation of magnets. In 1999, the lab brought online a new 45-Tesla hybrid magnet, the most powerful magnet of its kind in the world. In 2004, the laboratory commissioned the world’s first ultra-wide bore 900 MHz NMR magnet for chemical and biomedical research. Another record fell in 2005, when lab engineers completed the 35-T—the world’s highest field “resistive” magnet. 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.

Florida State University has established an interdisciplinary School of Computational Science (SCS) to support graduate education and research, to provide a leading-edge high-performance computational facility, and to contribute to a high level computational culture beneficial to the nation and the state.

The computations that enable studies in diverse areas such as predicting the winds in a hurricane or designing nano-composites depend on the invention, implementation, testing, and application of algorithms and software that computers use to solve scientific and engineering problems. This is the work of computational scientists and forms the basis for the missions of the SCS. To accomplish these missions, the SCS brings together diverse faculty from across campus who are able to interact in a synergistic manner so that advances in the computational science of one discipline can influence advances in other disciplines.

The Center for Materials Research and Technology (MARTECH) is a collaborative program in materials science involving members of the University’s biology, chemistry and biochemistry, engineering, and physics departments. One current focus of the center is the integration of hard and soft materials for future spintronics and biological applications. The center’s rapidly expanding facilities include several thin-film preparation labs, 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; nuclear astrophysics; radioactive beam studies; studies of nuclear reaction mechanisms using polarized Li beams; accelerator-based atomic physics; electron scattering; hadronic nuclear physics; and relativistic heavy ion reactions. A large part of the program in experimental nuclear physics uses Florida State University’s Superconducting Linear Accelerator Facility, which ran its first experiment in 1987. The facility consists of a Super-FN tandem Van de Graaff electrostatic accelerator that injects into a heavy-ion superconducting linear accelerator. The facility utilizes state of the art instrumentation, provides forefront nuclear research capability, and is unique in the southeast.

The Florida State University Coastal and 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 Florida State University. The Academic Diving Program also teaches or co-teaches courses in scientific diving for biologists and archaeologists, and teaches courses and workshops in SCUBA, from basic through instructor, as well as a number of diving specialties including dry-suits, underwater photography, full-face mask and helmet diving, and techniques for underwater search and recovery for public safety divers.

The Center for Ocean-Atmospheric Prediction Studies, located at the Don Fuqua Research Complex at Innovation Park, trains oceanographers, meteorologists, and scientists in related disciplines. Research at COAPS focuses on ocean and atmospheric dynamics and their applications to interdisciplinary studies. In particular, COAPS scientists specialize in the modeling of ocean and atmospheric dynamics; climate prediction on scales of months to decades; air-sea interaction and modeling; and predictions of socio-economic consequences of ocean-atmospheric variations. Studies of storm surges, their impacts on the shoreline, the history of coastal storms, shore characteristics, and beach erosion are conducted by the Beaches and Shores Research Center for the urgent preservation of Florida’s beaches. The center contracts with the Florida Department of Environmental Protection and other agencies to furnish scientific underpinnings for the Florida Costal Construction Control Line, and to foster good decision-making regarding coastal development, environmental protection, and prudent building practices.

Structural Biology, a collaboration of faculty from the Departments of Biological Science, Chemistry and Biochemistry, Mathematics, Medical Science, and Physics, is the research emphasis of the Institute of Molecular Biophysics. Research conducted by Structural Biology faculty focuses on the three-dimensional structure of biologically important macromolecules and the structural correlates of their functional properties. A variety of state-of-the-art research tools are available in the Institute and allied units including X-ray crystallography, cryoelectron microscopy, mass spectrometry, computer-based molecular modeling, electron paramagnetic resonance, fluorescence, laser and NMR spectrometers. Graduate students working under Structural Biology faculty can enroll in either the molecular biophysics (MOB) PhD program or in the graduate programs of biological science, biochemistry or physics.

Essential to geologic investigation of Antarctica and global climate change are the analysis and preservation of marine sediments collected on Antarctic research expeditions. The largest collection of southern
ocean sediment cores is located at the Antarctic Marine Geology Research Facility located at the University. This 40-year old, National Science Foundation-funded facility holds more than ten miles of Antarctic marine sediment cores and is an invaluable resource for scientists both on campus and throughout the world.

All aspects of child behavior and learning are researched in Florida State University’s Child Development Programs. The programs provide research sites and laboratory settings in which faculty and graduate students may observe and work with young children.

Research needs in Florida in the area of human services are accommodated by the Institute for Social Work Research. This institute is affiliated with the College of Social Work, but an open-door interdisciplinary approach is encouraged for most of the research funded by external sources.

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

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

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

The Learning Systems Institute is a diverse, multidisciplinary program designed to bridge the gap between research and practice in education and training. Researchers in LSI combine strengths in educational leadership, instructional design, human performance, and grants management to design, and build and implement effective learning strategies for a wide range of clients around the world. Founded in the 1960s to help the South Korean government in its efforts to overhaul the country’s school system through technology, LSI has grown to become an international resource for learning. In the 1990s, the institute’s pioneering work in distance learning led to it becoming the home for the university’s online educational outreach, based in the institute’s Office of Distributed and Distance Learning.

The Florida Center for Reading Research, also part of the Learning Systems Institute, was established by Gov. Jeb Bush in 2002 as the central source of research and training for Florida’s initiatives in improving the reading and literacy levels of K–12 students throughout the state. The center focuses campus-based research strengths in psychology and education on science-based approaches to reading instruction and assessment that is disseminated through the Florida Department of Education.

The John and Mable Ringling Museum of Art located in Sarasota, Florida, is the designated State Museum of Florida. In 2000, the Legislature shifted administration of the museum to 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.

The institute provides university students the opportunity, the home of an internationally renowned art collection, occupies sixty acres of beautiful bayfront property including the museum of art, the historic Asolo Theatre (restored in 2006), Ca’d’Zan, the Ringling Mansion, and the Circus Museum, now featuring the Tibbals Learning Center, dedicated to preserving the world’s largest and most complete collection of circus art and history. Together with the Florida State University Performing Arts Center, which lies adjacent to the art museum, it holds center stage for Florida State University’s Ringling Center for the Cultural Arts, which was created by the Florida Legislature in the year 2000.

Florida State University’s Institute of Science and Public Affairs is a multifaceted institute of public service and applied research that 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 overarching objective is to successfully apply resources, human and technical, to policy problems within the state of Florida.

Florida State University’s Instutute of Science and Public Affairs.

Since 1951, students and faculty of Florida State University have benefitted 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, and 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, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines.
INTERNATIONAL EDUCATION

International Commitment

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 an interdependent world, the welfare of the state and the well-being of its citizens are linked to the welfare of all peoples. Thus, it is vital that the teaching, research, and service of 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 that 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 Florida State University students who have studied overseas play an important role.

To accomplish these goals, 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.

Florida State University seeks to accomplish these objectives through evaluation of existing and proposed international programs and services and by both short- and long-range planning for continued improvement and innovation to further the goals of international education in the University. Consistent with these goals, the University resolves to make available its facilities and resources to offer diversified international educational programs of quality and usefulness for all its students.

The financial support needed for the accomplishment of these goals will be provided by University resources and is actively sought from state, federal, and foreign governments, as well as from international organizations, foundations, private organizations, and individual donors.

Beyond Borders: International Service and Cultural Exchanges

Coordinator: TBD

Beyond Borders is a university-to-university exchange program that provides opportunities for students to engage in intensive, short-term intercultural experiences while performing some community service. Currently, Florida State University has exchanges with the University of Costa Rica, Atlantic Branch (Turrialba, Costa Rica); the University of the West Indies, Mona Campus (Kingston, Jamaica); and the Technical University in Dresden, Germany. Participants live with local families or in university facilities and serve as volunteers in projects organized by the host institutions. All Florida State University students are eligible to apply; groups are limited to 10-12 students. Check www.ic.fsu.edu/beyondborders/info.cfm for more information or email bb@admin.fsu.edu.

107 South Wildwood, Tallahassee, FL 32306-4240; (850) 644-1702 http://www.fsu.edu/~fsu-isc.

International Programs

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

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

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

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

International Programs also has an extensive internship program with internships in a variety of disciplines offered in London, Valencia, Panama.

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

Other Programs

Archaeology Programs in Italy

Director: Nancy T. de Grummond

The Department of Classics conducts archaeological excavations at the Etruscan/Roman site of Cetamura del Chianti near Siena, Italy. Each summer the department sponsors a field school of approximately six weeks at Cetamura. The field school is open to students from colleges and universities throughout the state of Florida and constitutes a significant part of the master’s degree program with a concentration in classical archaeology. For further information, contact the Department of Classics, 205 Dodd Hall, 644-4259, or visit our Web site at http://www.fsu.edu/~classics/cetamura.

Florida–Costa Rica Institute

Co-Director: Joan W. Cassels

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

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

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

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

Law Program at Oxford

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

Center for Intensive English Studies

Program Director: Patrick Kennel

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

International Center

Please see the “Student Services” chapter of this Bulletin for information pertaining to the International Center.
# ACADEMIC DEGREE AND CERTIFICATE PROGRAMS

Florida State University offers degree programs through the following colleges. Consult the college for currently active programs.

<table>
<thead>
<tr>
<th>College of Arts and Sciences</th>
<th>B—Bachelor’s Degree</th>
<th>M—Master’s Degree</th>
<th>A—Advanced Master’s Degree</th>
<th>D—Doctoral Degree</th>
<th>P—Professional Degree</th>
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<td>Actuarial Science</td>
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<td>American and Florida Studies</td>
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<td>Graduate Certificate in Oceanography</td>
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</tbody>
</table>

## Undergraduate Studies, Division of Humanities

### College of Business

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

### College of Communication

- Communication Sciences and Disorders: B M/A D
- Communication: B M D
- Interdepartmental Certificate in Developmental Disabilities: B M D
- Graduate Certificate in Digital Video Production: B M D
- Graduate Certificate in Hispanic Marketing Communication: B M D
- Graduate Certificate in Project Management: B M D

### College of Criminology and Criminal Justice

- Criminology: B M D
- Criminology/Public Administration: B M D
- Criminology/Social Work: B M D
- Combined Bachelor’s to Master’s Program: B M/D
- Certificate in Corrections: B M/D
- Certificate in Law Enforcement: B M/D
- Certificate in Security Administration: B M/D
- Certificate in Underwater Crime Scene Investigation, Undergraduate/Graduate: B M/D

### College of Education

- Adult Education: B M/S D
- Counseling and Human Systems: B M/S D
- Counseling Psychology and Human Systems: B M/S D
- Early Childhood Education: B M/S D
- Educational Leadership and Policy: B M/S D
- Educational Psychology: B M/S D
- Elementary Education: B M/S D
- Emotional Disturbances/Learning Disabilities: B M/S D
- English Education: B M/S D
- Foundations of Education: B M/S D
- Health Education: B M/S D
- Higher Education: B M/S D
- Instructional Systems: B M/S D
- Mathematics Education: B M/S D
- Measurement and Statistics: B M/S D
- Mental Disabilities: B M/S D
- Multilingual/Multicultural Education: B M/S D
- Physical Education: B M/S D
- Reading Education: B M/S D
- Recreation and Leisure Services Administration: B M D
- Rehabilitation Counseling: B M/S D
- Research and Evaluation Methods: B M/S D
- Science Education: B M/S D
- Social Sciences Education: B M/S D
- Special Education: B M/S D
- Visual Disabilities: B M/S D
- Interdepartmental Certificate in Developmental Disabilities: B M/D
- Certificate in Special Event Management, Undergraduate/Graduate: B M/D
- Certificate in Teaching English to Speakers of Other Languages, Undergraduate/Graduate: B M/D
- Graduate Certificate in College Teaching: B M/D
- Graduate Certificate in Early Childhood and Family Intervention: B M/D
- Graduate Certificate in Early Childhood/Special Education: B M/D
- Graduate Certificate in Educational Measurement and Statistics: B M/D
| Graduate Certificate in Educational Policy |
| Graduate Certificate in Educational Technology |
| Graduate Certificate in Human Performance Technology |
| Graduate Certificate in Human Resource Development |
| Graduate Certificate in Institutional Research |
| Graduate Certificate in Methods and Policy of Educational Accountability |
| Graduate Certificate in Museum Studies: Recreation and Leisure Services |
| Administration |
| Graduate Certificate in Online Instructional Development |
| Graduate Certificate in Program Evaluation |

| FAMU–FSU College of Engineering |
| Biomedical Engineering |
| Chemical Engineering |
| Civil Engineering |
| Computer Engineering |
| Electrical Engineering |
| Industrial Engineering |
| Mechanical Engineering |
| Graduate Certificate in Water and Environmental Resources Engineering |

| College of Human Sciences |
| Athletic Training |
| Clothing, Textiles and Merchandising |
| Exercise Science |
| Family and Child Sciences |
| Family and Consumer Sciences Education |
| Food and Nutrition |
| Human Sciences |
| Marriage and Family Therapy |
| Graduate Certificate in Food Safety, Quality, and Promotion |
| Graduate Certificate in Apparel Design |
| Graduate Certificate in Museum Studies: Textiles and Consumer Sciences |
| Graduate Certificate in Retail Merchandising |

| College of Information |
| Information Technology |
| Library and Information Studies |
| Graduate Certificate in Library Leadership and Management |
| Graduate Certificate in Museum Studies: Information Studies |
| Graduate Certificate in Reference Services |
| Graduate Certificate in School Library Media Leadership |
| Graduate Certificate in Web Design |
| Graduate Certificate in Youth Services |

| College of Law |
| American Law for Foreign Lawyers Law |
| Certificate in Environmental, Natural Resources, and Land Use Law |
| Certificate in International Law |

| College of Medicine |
| Biomedical Sciences |
| Medicine |

| College of Motion Picture, Television, and Recording Arts |
| Motion Picture, Television and Recording Arts |

| College of Music |
| Arts Administration |
| Music Composition |
| Music Education |
| Music History and Literature |
| Music-Liberal Arts |
| Musicology |
| Music Performance |
| Music Theatre |
| Music Theory |
| Music Therapy |
| Opera Production |
| Certificate in Jazz Studies |
| Certificate in Performance |
| Certificate in Church Music, Undergraduate/Graduate Vocal or 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 Certificate in Arts Administration |
| Graduate Certificate in College Teaching |
| Graduate Certificate in Music Education and Leadership |
| Graduate Certificate in Music of the Americas |
| Graduate Certificate in Organ/Harpsichord Performance |
| Graduate Certificate in Pedagogy of Music Theory |

| College of Nursing |
| Nursing |
| Graduate Certificate in Nursing |

| College of Social Sciences |
| African-American Studies |
| Aging Studies |
| Applied Social Research |
| Asian Studies |
| Demography |
| Economics |
| Geographic Information Sciences |
| Geology |
| International Affairs |
| Political Science |
| Public Administration |
| Public Administration/Criminology |
| Public Administration/Health Policy Research |
| Public Administration/Law |
| Public Administration/Urban and Regional Planning |
| Public Administration/Social Work |
| Public Health |
| Russian and East European Studies |
| Social Science |
| Sociology |
| Urban and Regional Planning |
| Urban and Regional Planning/International Affairs |
| Certificate in African-American Studies |
| Certificate in Aging Studies, Undergraduate/Graduate |
| Certificate in Demography |
| Certificate in Emergency Management, Undergraduate/Graduate |
| Certificate in Political Economy |
| Certificate in Public Administration, Undergraduate/Graduate |
| Certificate in Urban and Regional Planning |
| Graduate Certificate in Dispute Resolution |
| Graduate Certificate in Health Services Administration and Policy |
| Graduate Certificate in Human Resource Management |
| Graduate Certificate in Public Financial Management |
| Graduate Certificate in Real Estate Development |
| Graduate Certificate in Urban Design |

| College of Social Work |
| Social Work |
| Social Work/Criminology & Criminal Justice |
| Social Work/Law |
| Social Work/Public Administration |
| Certificate in Aging Studies, Undergraduate/Graduate |
| Certificate in Arts and Community Practice, Undergraduate/Graduate |
| Certificate in Child Welfare Practice, Undergraduate/Graduate |
| Certificate in Leadership in Executive and Administrative Development in Social Work |
| Graduate Certificate in Family Social Work Practice |
| Graduate Certificate in Social Work in Disaster Recovery |
### College of Visual Arts, Theatre and Dance

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<td>Art Education</td>
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<td>Art Therapy</td>
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<td>Arts Administration</td>
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<tr>
<td>Dance</td>
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<td>Graphic Design</td>
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<td>History and Criticism of Art</td>
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<td>Interior Design</td>
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<td>Studio Art</td>
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<td>Theatre</td>
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### Interdisciplinary Programs

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<td>American and Florida Studies</td>
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<tr>
<td>Asian Studies</td>
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<tr>
<td>Epidemiology</td>
<td>M</td>
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<tr>
<td>Health Policy Research</td>
<td>M</td>
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<td>Humanities</td>
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<td>B</td>
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<td>Latin American and Caribbean Studies</td>
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<tr>
<td>Marriage and the Family</td>
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<td>Physics Interdisciplinary Program</td>
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<td>Public Health</td>
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<td>Russian and East European Studies</td>
<td>B</td>
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<tr>
<td>Social Science</td>
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</table>

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

Director of Admissions: Janice Finney;  
Associate Director: Hege Ferguson;  
Assistant Directors: Melanie Booker, Donna Bostwick, Lori Hamilton, Amelia Mann, Leah Paul, Wendy Weldon

General Information

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 Florida State University is within the jurisdiction of the University, but subject to minimum standards adopted by the State Board of Education within the State of Florida, Division of Colleges and Universities. The admission requirements stated below are minimum requirements. Admission shall be on a selective basis within curricular, spatial, and fiscal limitations, and satisfaction of minimum requirements does not guarantee admission to Florida State University.

An application for admission may be obtained online at http://admissions.fsu.edu.

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

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

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

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

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

Every accepted student must complete in its entirety the student health history form included in the admission packet and found online at http://www.tshc.fsu.edu. The form must be forwarded to the Thagard Student Health Center prior to registration.

Florida State University reserves the right to cancel the admission of any applicant whose health record indicates the existence of a condition that may be harmful to members of the University community. Effective Fall term, 2007, all students will be required to provide proof of adequate health insurance coverage.

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

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

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

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

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

Auditions. Auditions are required of all applicants wishing to major in music, dance, or the bachelor of fine arts (BFA) degree program in theatre. In addition to submitting the application for admission and other supporting information, prospective students should contact the College of Music, College of Visual Arts, Theatre, and Dance for details.

Departmental Application. A departmental application is required of all applicants wishing to major in motion picture, television, and recording arts or the bachelor of arts (BA) degree program in theatre. In addition to submitting the application for admission and other supporting information, prospective students should contact the College of Motion Picture, Television, and Recording Arts or the College of Visual Arts, Theatre, and Dance for details.

Deadlines for Applications and Supporting Documents for Secondary School Applicants

<table>
<thead>
<tr>
<th>Semester</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring semester</td>
<td>November 1</td>
</tr>
<tr>
<td>Summer semester</td>
<td>February 13</td>
</tr>
<tr>
<td>Fall semester</td>
<td>February 13</td>
</tr>
</tbody>
</table>

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

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

Admission Requirements

Required High School Course Units

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

Academic Qualifications

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

Center for Academic Retention and Enhancement (CARE)

Through the Center for Academic Retention and Enhancement (CARE), the University offers a special admission program dedicated to assisting students who have been disadvantaged due to economic, educational, or cultural circumstances. CARE provides a comprehensive program of orientation and academic support designed to ease the transition from high school to college and to build a strong academic foundation. The majority of applicants selected to participate will be first generation college students from financially disadvantaged backgrounds. Students admitted to the University through CARE will begin their studies in the summer. Interested students should submit the application for admission to the University, a supplemental CARE application available at http://www.care.fsu.edu, a short essay of no more than 500 words describing the student’s educational goals, and two (2) letters of recommendation (one from a high school guidance counselor). The minimum requirements for consideration include a “C+” grade point average, and either an ACT composite score of 19, or SAT total (critical reading and mathematics) score of 900.

Freshman Scholarships

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

Early Admission

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

Note: Applicants planning to take only the ACT Writing Test.

Freshman Admission Deposit

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

Admission by Transfer

Applicants desiring admission by transfer from other colleges or universities must provide the Office of Admissions with the following:

Application for Admission. The completed application for admission and a nonrefundable $30 fee payable to Florida State University should be submitted from six to nine months prior to the term for which admission is desired. It is the policy of the University not to defer or waive the application fee.

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

Secondary School Record. An official high school transcript is required of all transfer applicants who have less than sixty (60) semester hours of transferable credit (as evaluated by the Office of Admissions).

The transcript must reflect work completed from the beginning of the ninth grade through the twelfth grade and the date of graduation.

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

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

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

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

Deadlines for Applications and Supporting Documents for Transfer Students

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<thead>
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</tr>
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</tr>
<tr>
<td>Fall semester</td>
<td>July 1</td>
</tr>
</tbody>
</table>

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

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

General Admission Requirements

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

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

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

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

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

All students planning to pursue a teacher education program at 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. The 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 Florida State University meet the following requirements prior to entering the program:

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

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

Prior to entry into the degree program (upper-division), students must have completed the 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-division level to those students meeting certain additional criteria. These additional criteria are applied equally to AA degree transfers 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 Florida State University. Applicants with cumulative grade point averages of at least 3.8 will be automatically considered.

International Student Admission

Applicants to Florida State University are considered international if they are not U.S. citizens, dual citizens, or Permanent Resident Aliens. International applicants must provide the Office of Admissions with the following:

Application for Admission. The completed International Application for Admission and a nonrefundable $30.00 fee in U.S. currency must be submitted. The check or money order must be drawn on a U.S. bank and made payable to Florida State University. The application will not be processed without the application fee and under no circumstances will the University waive or postpone this fee.

Academic Records. Official or certified copies of all academic records and/or examination results from every institution attended are required. Records are considered official only when sent directly from the issuing institution, and must bear the original seal of the institution or the original signature of the institution’s records official. All documents must be issued in the native language and be accompanied by certified English translations.

Test Scores. Results from the ACT or SAT are required of all freshman applicants and all transfer applicants who have less than sixty (60) semester hours of transferable credit (as determined by the Office of Admissions after a course-by-course evaluation has been submitted), or who require exemption from the Florida College Level Academic Skills Test (CLAST). Arrangements should be made for test results to be forwarded directly to the Office of Admissions from the American College Testing Program or College Board.

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

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 80 on the Internet-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 (ETS).

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

**Florida College Level Academic Skills Test (CLAST).** Refer to the “Admission by Transfer” section of this chapter.

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

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

**Certification of Finances.** Certification of finances must be completed before the Certificate of Eligibility (Form I-20 or DS-2019) is issued. The I-20 and DS-2019 are immigration forms presented to the United States Embassy/Consulate in order to obtain a US Student Visa. The University is required by immigration authorities to verify the financial resources of each applicant prior to issuing the Form I-20 or DS-2019; therefore, it is important that the applicant knows the costs of attending the University and has the necessary support funds for the entire period of enrollment. The Certification of Financial Responsibility (CFR) form must be completed, signed by the applicant and/or sponsor, and submitted, along with verification of funding from the applicant’s or sponsor’s bank or financial institution, to the Florida State University International Center. The applicant must show proof of financial support for the first year of study and demonstrate availability of funds for the length of the academic program. More information on the CFR is available at http://www.ic.fsu.edu.

**Deadlines for Applications and Supporting Documents for International Students**

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

- Spring semester: November 1
- Summer semester: February 13
- Fall semester: February 13

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

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

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

**Admission Requirements**

**Freshmen**

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

**Transfers**

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

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

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

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

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

**Notice of Admission**

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

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

**Finances**

Before a United States Consul will grant a visa, international applicants must prove that they will have sufficient funding to meet all of their expenses while studying in the United States. Applicants must explain the source of funds noted on their I-20 or DS-2019 form and guarantee that they will receive funding for the duration of the program. Unless ap-
plicants 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 can 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 University, fees for the entire term, living expenses until more money arrives, and the return fare to their home country. Students must be sure that they will have sufficient financial resources to cover all costs during their stay at the University. If the applicant’s government requires verification of enrollment before money can be forwarded, the student may request verification from the Office of the University Registrar after registration is completed at the University.

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

The costs given are estimated minima and are subject to change. Students should have access to approximately half of the estimated total yearly amount at the beginning of each semester, since University fees must be paid upon registration at the start of each term. Students should also be prepared for initial expenses such as housing deposits, insurance, utilities, etc. The following estimates are based on one academic year (two semesters—Fall and Spring) and are for unmarried students with no dependents. Additional funds must be included for spouse and/or family ($5,000 for spouse and $3,000 for each child per year). Only a spouse and children may be classified as dependents. Biographical data must be provided for each family member accompanying the student to the United States. The data should include complete name, date of birth, gender, city of birth, country of birth, country of citizenship, country of permanent residence, and relationship to the student (wife/husband, son, or daughter).

Annual Estimate of Costs for Undergraduate International Students

The annual estimated costs listed below are for the 2006–2007 academic year. Costs for the 2007–2008 academic year were not available at date of publication.

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<th>Description</th>
<th>Cost</th>
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<td>Tuition/Fees</td>
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<tr>
<td>Books and Supplies</td>
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<td>Room and Board</td>
<td>7,078.00</td>
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<tr>
<td>Insurance</td>
<td>1,483.00</td>
</tr>
<tr>
<td>Total</td>
<td>$26,000.00</td>
</tr>
</tbody>
</table>

1. The tuition and fee estimate is based on fifteen (15) credit hours for an undergraduate international student attending two (2) terms per year. (International students must register for a minimum of twelve hours each term.) It is estimated that an additional $6,575 will be necessary for tuition and fees if the student will be attending summer school. Contact the Office of Admissions or refer to http://admissions.fsu.edu/intl for the approved 2007–2008 fees.

2. Includes annual mid-range costs for on-campus residence halls (does not include Alumni Village) and one of the most popular meal plans. Contact the Housing Office or refer to http://www.housing.fsu.edu for the approved 2007–2008 rental costs. Contact Seminole Dining or refer to http://www.seminoledining.com for the 2007–2008 actual costs.

3. The insurance rate used to compute costs is based on the rates for individuals 25 years and younger. For rates specific to age bracket, refer to http://www.ic.fsu.edu. Prospective and new students should refer to “Applying to FSU.”

Passports and Visas

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

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


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

If students are coming to the University specifically for the purpose of studying, they need to apply for a Student Visa (F-1 or J-1). It is granted upon presentation of a Certificate of Eligibility (Form I-20 for the F-1 visa and Form DS-2019 for the J-1 visa that is typically granted to government-funded students) and proof that sufficient financial support exists to cover all expenses 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 Requirement

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

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

Intensive English Program

English is the language of instruction and communication at the University. International applicants who lack sufficient English language 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. Florida State University offers such a program through the Center for Intensive English Studies. Detailed information on the Center may be obtained at http://www.cies.fsu.edu.

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

Admission to Graduate Study

Admission to graduate study involves admission to the department 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

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

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

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

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

Readmission After Multiple Withdrawals

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

Special (Non-Degree Seeking) Student Regulations

A special student is a classification assigned to a non-degree-seeking student for registration privileges. Admission as a special student is subject to approval and may be open to high school graduates and post-baccalaureate students provided the student has at least a 2.0 grade point average (GPA) from the last institution attended and at least a 2.0 GPA on all course work taken at this institution. Applicants who have been denied admission as a degree-seeking student or who missed the deadline for submitting a degree-seeking application will not be considered for admission as a special student. Students intending to register for graduate course work under the special student status should consult the Graduate Bulletin for details.

The completed special student application must be accompanied by a $30.00 nonrefundable application fee, payable to Florida State University, and all supporting documents. Special student applications should be submitted for consideration one semester prior to the desired term of enrollment. Deadline dates are two months prior to the beginning of each term. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) The Special Student section 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.

A special student at Florida State University who subsequently decides to pursue a degree must apply for admission through the Office of Admissions. The student may be reclassified as a regular undergraduate student upon meeting regular undergraduate admission requirements. Enrolling as a special (non-degree-seeking) student does not guarantee admission to an undergraduate program.

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

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

Tallahassee Community College/Florida State University Cooperative Program

A Tallahassee Community College student wishing to dual enroll at 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 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.

Interinstitutional Transient Students

A student at another institution who wishes to take advantage of special resources and/or programs not available at the 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 dual enrollment is granted, the student follows the prescribed registration procedures and adheres to the fee schedule established by this institution. Approval of one institution does not bind the other to comply. A Florida State University student wishing to enroll as a 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;  
Associate Vice President for Budget, Planning, Financial Services: Rafael Alvarez;  
Director, Office of Student Financial Services: Marcia Murphy

General Information

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

Tuition Payments and Arrangements. The student’s Web name and password are required to access the Online Account Statement at http://www.mymoney.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 third day of each semester are all third-party agency billings, departmental billings, FSU employee scholarships, and Veteran’s deferments. State employee tuition vouchers are due on the fifth day of the semester.

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.mymoney.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. Students who do not pay tuition and fees or make payment arrangements by the established deadline will be assessed a $100.00 late payment fee and may have their course schedule cancelled.

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

Residency Requirements for Tuition Purposes

At 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 or returning students will be classified in accordance with the information on their applications, including the “Florida Resident Affidavit,” 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 Bureau of Citizenship and Immigration Services.

AND

Have established a legal residence in Florida 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 legal guardian must qualify).

AND

Submit the following documentation (or in the case of a dependent student, the parent or legal guardian 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 that 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 that tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual.

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 period,

OR

Be an active-duty member of the armed services of the United States stationed in Florida, or whose home of record is Florida, or a spouse or dependent,

OR

Be a member of the full-time instructional or administrative staff of a state public school, community college, or university in Florida, or a spouse or dependent,

OR

Be an active-duty member of the armed services of the United States or a spouse attending a public community college or university within 50 miles of the military establishment where the member is stationed, if such military establishment is within a county contiguous to Florida,

OR

Be a dependent and have lived five years with an adult relative who has established legal residence in Florida,

OR

Be a person who was enrolled as a Florida resident for tuition purposes at a Florida public institution of higher education, but who abandoned Florida residency and then reenrolled in Florida within 12 months of the abandonment,

OR

Be a Latin American/Caribbean scholar,

OR

Be a United States citizen living on the Isthmus of Panama and have completed twelve (12) consecutive months of college work at the Florida State University Republic of Panama Branch, or a spouse or dependent,

OR

Be a graduate student of the Southern Regional Education Board’s Academic Common Market attending one of Florida’s state universities,

OR

Be a full-time employee of a state agency or political subdivision of the state when student fees are paid by the state agency or political subdivision for the purpose of job-related law enforcement or corrections training,

OR

Be a qualified beneficiary under the Florida Pre-Paid Post-Secondary Expense Program per Section 1009.988(2), Florida Statutes (pre-paid ID card required),

OR

Be a McKnight Fellowship Recipient,

OR

Be an active-duty member of the Canadian military residing or stationed in Florida under the North American Air Defense (NORAD) agreement, or the member’s spouse or dependent children, attending a public community college or university within 50 miles of the military establishment where the member is stationed,

OR

Be a U.S. citizen living outside the United States who is teaching at a Department of Defense Dependent School or at an American International School and who enrolls in a graduate-level education program that leads to a Florida teaching certificate,

OR

Be an active-duty member of a foreign nation’s military who is serving as a liaison officer and is residing or stationed in this state, or the member’s spouse and dependent children, attending a public community college or university within 50 miles of the military establishment where the member is stationed,

OR

Be a linkage participant receiving partial or full exemptions under section 1009.21, Florida Statutes, based on criteria approved by the Florida Department of Education per section 288.8175, Florida Statutes, which establishes linkage institutes between postsecondary institutions in this state and foreign countries,

OR

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

Students are assessed fees based on the level of the course as established by the State Board of Education and the Florida State Legislature. Fees applicable to 2007-2008 had not been confirmed by the Florida Legislature at the time of the publication of this document.

Actual Course Fee Charge Per Credit Hour 2006-2007 Schedule

<table>
<thead>
<tr>
<th>Course Level</th>
<th>Florida Students</th>
<th>Non-Florida Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-4999</td>
<td>$104.23</td>
<td>$541.95</td>
</tr>
<tr>
<td>5000 and above</td>
<td>$236.60</td>
<td>$868.00</td>
</tr>
<tr>
<td>Law Matriculation Pre-Fall 2005</td>
<td>$265.26</td>
<td>$932.34</td>
</tr>
<tr>
<td>Law Matriculation 2005-06</td>
<td>$303.11</td>
<td>$953.39</td>
</tr>
<tr>
<td>Law Matriculation 2006-07</td>
<td>$321.89</td>
<td>$988.97</td>
</tr>
<tr>
<td>Medical per year</td>
<td>$17,608.38</td>
<td>$52,159.57</td>
</tr>
<tr>
<td>Repeat Course Fee per credit hour (undergraduate only)</td>
<td>$161.70</td>
<td>$161.70</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 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 Florida State University during the same academic term.

Special Fees, Fines, and Penalties

Note: All fees subject to change.

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

Admission Deposit: $200.00. Admitted freshman and law school students who plan to attend Florida State University must pay a nonrefundable fee that will be applied to their tuition.

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

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

Late Payment Fee: $100.00. A late payment fee is assessed against students who do not pay their tuition in full by the required due dates (see the “Academic Calendar” in this General Bulletin).
Florida State University Identification Card (FSUCard): $10.00. This fee is assessed against first-time FSUCard recipients, including high school students. This fee may be paid when tuition is paid.

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

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

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

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

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

Transportation Access Fee: $6.35 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.vpta.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 the account of a student who has a check or electronic authorization for payment returned by the bank to Florida State University. Florida State University automatically submits all personal checks twice for payment if the check was returned once for insufficient or uncollected funds. This is an automated process, and the second submission cannot be stopped; however, there is no charge assessed by 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 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. Florida State University places a hold on accepting any personal checks or electronic payment authorizations from anyone on the student’s account for ninety (90) days after redemption for any services, tuition, or fees that are owed to the University if a personal check or electronic payment is returned. Redemption must be paid with cash, money order, or cashier’s check. If a second check is returned or a stop payment is placed on it, the student will be permanently listed on all departments’ ACCEPT CASH ONLY list, and no personal checks will be accepted from anyone on the student’s account from that day forward.

Notification will be sent to the student via mail to the address on the check or to the last maintained address in 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. Florida State University forwards all returned checks to the State Attorney’s office for redemption and prosecution after collection efforts are exhausted. After a returned check is forwarded to the State Attorney’s office, redemption of the check will not prevent prosecution.

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

- Binding Fee: At cost.
- Microfilming Fee: At cost.
- Copyright Fee: Optional, at cost.

Loss and Damage Fees: 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 that is used to offset the cost of scientific materials or items consumed in the course of the students’ laboratory activities. These fees are assessed based on the course.

Library Fees
(All fees subject to change)

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

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

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

Fines for Inter-Library Systems: At cost.

Housing Costs

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

Annual Estimate of Cost

The annual estimated costs listed below are for the 2006–2007 academic year. Costs for the 2007–2008 academic year were not available at date of publication.

<table>
<thead>
<tr>
<th>Category</th>
<th>(In-state)</th>
<th>(Out-of-state)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees</td>
<td>$3,307.00</td>
<td>$16,439.00</td>
</tr>
<tr>
<td>Housing 2</td>
<td>3,780.00</td>
<td>3,780.00</td>
</tr>
<tr>
<td>Food 3</td>
<td>3,298.00</td>
<td>3,298.00</td>
</tr>
<tr>
<td>Books/Supplies</td>
<td>1,000.00</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Health Insurance4</td>
<td>11,385.00</td>
<td>$24,517.00</td>
</tr>
<tr>
<td></td>
<td>$1,483.00</td>
<td>1,483.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$12,688.00</strong></td>
<td><strong>$26,000.00</strong></td>
</tr>
</tbody>
</table>

1 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 http://admissions.fsu.edu/costs for approved 2007–2008 fees.

2 Annual mid-range cost for on-campus residence halls. The range is $3,580–$5,400. Contact the Office of University Housing or refer to http://www.housing.fsu.edu for approved 2007–2008 rental rates.

3 Allows students up to fifteen (15) meals per week. Contact Seminole Dining or refer to http://www.seminoledining.com for 2007–2008 actual costs.

4 Effective Fall 2007, FSU will implement a mandatory health insurance policy for new students admitted to the University.

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

Payment of Fees

Payment of registration fees and tuition detailed below is an integral part of the registration process. Registration (including payment of fees) must be completed on or before the proper due date. The appropriate University office must be provided a properly executed authorization to defer fees prior to the deadline published in the academic calendar in those cases where fees are to be paid by a previously approved loan, scholarship, or other third-party arrangement. Florida Prepaid College

Financial Information, Tuition, Fees, Aid, Scholarships, and Employment
Program without local fees does not pay the full amount due, nor do Intern Participation Certificates. Students must pay the remaining balance due by the published deadline.

**Method of Payment**

Students who enroll must pay fees and tuition in full, or initiate an installment contract by the tuition payment deadline. We encourage students to submit their third-party agency billings as soon as they have registered for classes, agency billings, and department billings for all students must be submitted by the third day of the term. Financial aid deferments will be entered by the Office of Financial Aid for eligible student accounts. If tuition is not paid or arrangements have not been made by the posted deadlines, a late payment will be assessed. Any course added after the tuition payment deadline must be paid in full within five (5) days or a $100.00 late payment fee will be assessed. The University does not send out a bill, because students may change their course schedule and therefore the amount owed through the fourth day of the semester. Tuition and fees should be paid by the fifth day of the semester, and the grace period ends on the deadline a few days later as posted at [http://www.fsf.sfu.edu](http://www.fsf.sfu.edu). Note that University Housing and other university related fees have separate and earlier deadlines. Students can, however, get the amount of their tuition and fees due on the Internet at [http://www.mymoney.fsu.edu](http://www.mymoney.fsu.edu) or when they register for classes through the Web. Other options include accessing the kiosks located on the first floor of University Center A Building, calling the Office of Student Financial Services at (850) 644-9452, or going to A1500 University Center, 8:30 a.m.–4:30 p.m. Monday–Friday.

Students may pay by check, cash, money order, cashiers check, or FSUCard when paying in person. Florida State University does not accept foreign checks, agency billings, and department billings payable to Florida State University and include the last four digits of the student's social security number or the last eight digits of the FSUCard number, local phone, and address on each check. We accept FSUCards, American Express, Discover, MasterCard, Visa, and electronic checks via Internet only. Payment methods are described below. Credit card payments can only be made through the Internet at [http://www.fees.fsu.edu](http://www.fees.fsu.edu) or at kiosks located around campus. There is a non-refundable convenience fee for the online payment option.

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

**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 office at A1500. Students may verify the amount due for tuition and fees (at the kiosks or through the Internet at [http://www.fees.fsu.edu](http://www.fees.fsu.edu)), insert a check, money order or cashiers check in the provided envelope, put the envelope in the drop box. Payments are processed the next business day. Payments received in the drop box by 4:00 p.m. on the tuition payment deadline will be considered on time. Payments inserted after 4:00 p.m. will be considered late and assessed a $100.00 late payment fee. Please do not deposit cash. We will not process foreign checks or two-party checks. Make checks payable to Florida State University and write the last four digits of your social security number or last eight digits of your FSUCard, current address, and phone number on the check. Checks not completed properly will be considered late.

**Mail-In Tuition and Fee Payments Must Be Received by the Deadline.** 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. Make checks payable to Florida State University and write the last four digits of your social security number or the last eight digits of your FSU card, current address, and phone number on the check. Checks not properly completed will be considered late. Payments should be mailed to Florida State University, Office of Student Financial Services, A1500 University Center, Tallahassee, FL 32306-2394

**Agency Billing.** Students are responsible for all tuition and fees upon registration. Forms are available at [http://www.fsf.sfu.edu](http://www.fsf.sfu.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 third day of the semester, and preferably thirty (30) days in advance. Those students receiving financial aid should submit the documents by the third 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” and may be required to repay financial aid to the University. If the agency or department has not paid the tuition by the end of the current semester, a late payment fee of $100.00 will be assessed to the student’s account and the student is required to pay it before being granted other University services. Accounts left unpaid at the end of the semester will be placed in a delinquent status and the student will not be able to receive University services (registration, transcripts, diplomas, etc.) Agencies that do not pay in a timely manner may cause the Office of Student Financial Services to put the student’s account in a non-billing status for subsequent semesters; consequently, the student will be required to pay tuition by the regularly scheduled deadline, and the University will refund to the student the amount the agency pays (less University charges) after they have paid it. Students with agency payments that are contingent upon grade(s) received are not eligible for agency billing, and tuition must be paid by the regularly scheduled deadline. The Office of Student Financial Services does not bill agencies for housing, books, meals, etc.

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

**State Employee Registration**

State employees may use the state employee tuition waiver to register for Florida State University classes. Registration in classes using the state employee tuition waiver is limited to a space-available basis. Individuals using the state tuition waiver must be fully admitted degree-seeking or non-degree seeking students. Florida State University does not consider the following as space-available courses: limited access programs; remedial courses; dissertation, thesis, and directed individual study (DIS) courses; internship courses; distance learning courses; on-line courses; Center for Professional Development (CPD) courses; College of Medicine courses; College of Law courses; all graduate program courses in the College of Business; and other one-to-one instruction courses. Accordingly, state employee tuition waivers may not be used for those courses. Florida State University accepts only the official FSU State Employee Tuition Waiver Form. Agencies may require additional paperwork or forms that will not be accepted unless accompanied by the FSU State Employee Tuition Waiver Form.

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

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

Panama City Campus

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

Florida Prepaid College Program

This program was created by the State of Florida to guarantee payment of tuition and may include optional dormitory contract guarantees and an optional local fee plan. The primary plan excludes local fees (i.e., health, athletics, student activity, laboratory, transportation access, and books) that are to be paid by the student using one of the options described above and by the deadlines stated above. The student is to verify that the billing is being processed by going to http://www.mymoney.fsu.edu. The local fees (06/07 fees), excluding books, not covered by the Prepaid College Program total approximately $22.08 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 2007-2008 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.fsb.state.fl.us/prepaid.

Fee Liability

Liability is incurred for all credit hours at the time of registration for classes. The student is responsible for dropping classes or withdrawing from school. For more information on policies regarding attendance and schedule cancellation, please refer to the section on ‘Cancellation of Student Schedules for Non-Payment of Tuition and Fees’. Out-of-state tuition and matriculation fee waivers will not cover dropped or withdrawn classes.

Repeat Course Surcharge

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

Effective Fall 2006 Semester, the repeat course surcharge was $161.70 per credit hour. (Rate subject to change for academic year 2007-2008).

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-liaible course dropped or withdrawn;
• 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 Tower, Tallahassee, Florida 32306-2480. (850) 644-3403. Appeals must be submitted to the Office of the University Registrar no later than the last day of classes for the term in which the surcharge is assessed.

Delinquent Fees

Students who have amounts owed to the University may not complete their registration, participate in graduation ceremonies, receive a diploma, receive an associate in arts certificate, or receive a transcript until all amounts owed to the University have been satisfactorily settled. This includes, but is not limited to, 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, as well as legal fees and interest assessment through court judgments, are added to a student’s account if the student has had an outstanding debt for 120 days or longer. When an account is sent to a collection agency, the customer must make payment arrangements directly with the agency. Payment arrangements do not permit student privileges such as registration, official transcripts, etc. Accounts must be paid in full to obtain further privileges.

Registration Stop for Outstanding Charges

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

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

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

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

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

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 interna-
tional obligations, the State Board of Education authorizes the University to waive portions of out-of-state tuition for a limited number of students in specific categories. Students in the following categories may apply:

- Out-of-state graduate students having at least a one-quarter time assistantship (teaching or research) or a fellowship equivalent in value to at least a one-quarter time assistantship;
- Foreign student programs, or student exchange programs;
- Students having special skills in music, dance, theatre, or athletics; and,
- Graduate students with outstanding academic credentials and abilities. Special and part-time students at the undergraduate and graduate level are not eligible for out-of-state tuition waivers.

Tuition waivers must be submitted by the appropriate college or school preferably by the fourth day of each semester but definitely no later than the fifth class day of the semester. Tuition waivers do not cover the total amount of fees due and may have an effect on financial aid awards. For information regarding out-of-state waivers, undergraduate students should contact the Dean of the Faculties; graduate students should contact the Dean of Graduate Studies. Tuition and fees not covered by waivers must be paid in full by the deadline as posted 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.

Note: Audited courses do not earn credit hours or appear on a student’s permanent record.

Policy Concerning Late Fees

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

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

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

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

Deferments and Financial Arrangements

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

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

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

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

Note: If a student receives a veteran’s deferment and tuition is still not paid by the deferment expiration date, the student will be assessed a $100.00 late payment fee and may have their course schedule cancelled. These students also will not be eligible to receive a veteran’s deferment in the future. Registration, transcripts, and diplomas will not be processed until debts are paid in full.

Application Fee

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

Full refunds of tuition fees may be granted in instances of withdrawal from the University under the following conditions:

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

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

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.’

Note: 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. If financial aid is received by the student during the term in which the refund is granted, state and federal regulations may require that the refund be returned to the aid source.

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), 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 unearned portion of the 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 does not officially withdraw from the University is considered an unofficial withdrawal according to Title IV federal regulations. The University is required to return unearned financial aid to the federal government for all unofficial withdrawals in the same manner as students who officially withdraw.

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

### Student Cancellation of Schedule

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

### Financial Aid

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

**General Information**

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

The Office of Financial Aid is committed to serving and guiding students through the process of applying for financial aid. Help in completing the financial aid forms is available from professional financial aid counselors located in the University Center Building A, Room 4400.

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

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

### Panama City Campus

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

### Undergraduate Students

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

### Graduate Students

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

### Eligibility

Financial aid eligibility requirements normally include a minimum enrollment of twelve (12) semester hours in a degree-granting program. Regulations governing federal and state financial aid programs require that students maintain satisfactory progress and good academic standing to receive financial aid. Twelve (12) hours per semester constitutes a full-time load for graduate students and fellowship holders. Nine (9) hours is defined as a full-time load for graduate assistantship holders on a quarter-time appointment or larger.
Deadlines
The federal financial aid application period for the 2008-2009 year begins January 1, 2008, and ends June 30, 2009. 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, 2008. Estimated student/parent tax data is needed for completion of the FAFSA document until current year taxes are filed. The University requires a separate application for Summer financial aid, which may be obtained from the Office of Financial Aid or via our Web site at http://www.finaid.fsu.edu.

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

Internet applications can be completed from any home computer with secure Internet access, or through Internet capable computers in many libraries and schools. Students in the Tallahassee area may use computers at Florida State University to submit their application. Continuing students have access to various computer labs on campus. To apply, the following materials will be necessary to complete the data required:
1. The student’s social security card and driver’s license;
2. W-2 forms or other records of income earned;
3. If the student is required to file as a dependent student, Federal Income Tax Returns for both student and parents are required. Estimated figures are acceptable for applications completed before filing of tax return;
4. Student’s and student’s spouse’s (if married) Federal Income Tax Return (estimated figures are acceptable for application before filing of return);
5. Records of other untaxed income received, such as welfare benefits, social security benefits, TANF, veteran’s benefits, military or clergy allowances;
6. Current bank statements and records of stocks, bonds, and other investments;
7. Business or farm records, if applicable; and
8. Student’s alien registration card, if student is not a U.S. citizen.

Note: Students may apply for financial aid before applying for admission to Florida State University, but while early application for aid is recommended (as soon as possible beginning January 1), a student can not be awarded aid until he/she is officially accepted for admission to 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 Florida State University can complete the loan entrance requirement by accessing the Florida State University Office of Financial Aid Web page at http://www.finaid.fsu.edu and clicking on the loan entrance counseling link. This will connect the student with an official loan entrance counseling site, where the required information will be covered. The student will be asked to provide certain information, including reference addresses for future use. Students are strongly encouraged to print a copy of the completed confirmation page to retain for their records. Students who prefer an alternative format or who have questions about loans or the loan entrance counseling information process may contact the Office of Financial Aid.

Fees and Financial Aid Students
The University distributes aid in two ways for all registered financial aid students whose funds are available to the Office of Student Financial Services. Students must complete an Account Refund Setup Disbursement Authorization Form 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 Florida State University. Checks are not forwarded by the post office.

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

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 https://campus.fsu.edu on the scheduled date. If their online billing statement says they have a deferment or their tuition has been paid, they do not need to come to the Office of Student Financial Services. Students should check the status of their financial aid award on the published dates.

Failure to confirm that financial aid has been processed by the deadline may result in a late payment fee assessment of $100.00. (Rate subject to change.) Students can confirm transactions and account history at http://myfunds.fsu.edu.

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

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

Note: Financial aid students who are having their tuition paid by an agency or department billing should submit the required documents no later than the fifth day of the semester, but preferably immediately after registration. Intern Participation Certificates and the Florida Prepaid College Program do not pay the full amount of tuition. Students must pay the remaining balance due by the tuition payment deadline. All state employee waivers must be turned into the Registrar’s office at the University Center on the fifth day of classes only. 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 Cash Cancellation

Deferments
Students must confirm their application is complete by the first week of the semester by going to http://www.mymoney.fsu.edu.

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 the 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.mymoney.fsu.edu and log in; you will then see your courses and fees detailed. With your temporary deferment, your total balance may show “Zero” ($0.00) for the Current Term Tuition. When your financial aid arrives, the screen will show how much has been paid toward your tuition. You must ensure your financial aid pays your tuition by the deferment deadline. If you have questions, contact us at 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, and your schedule for the next semester may be cancelled. 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. Eligibility for the loan will be determined by the type of aid awarded and the hours enrolled. Accounts in delinquent status (past due) are not eligible for loans. A picture ID is required in order to receive a delayed delivery loan. Students must have either paid or deferred their full amount of tuition by the tuition payment deadline in order to be eligible for short term loans. Delayed delivery loans are due when the financial aid arrives, or by the financial aid deferment deadline, whichever comes first. Debts not paid will prohibit students from using University services such as registration, transcripts, etc.

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

### Emergency Loans

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

### Check Cancellation

Any Stafford Loan check available at financial aid distribution that is not disbursed 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 Florida State University by FSU Card, cash, cashier’s check, or money order, or the original check can be brought to the Office of Student Financial Services, 11500 University Center. Students who want to refuse loans after the fourteen (14) day notification period must contact their lender for repayment.

### 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 Secure Apps page on Blackboard (www.campus.fsu.edu) and select the “exit interview for financial aid” option. Students will need their user name and password to sign onto the session. Students planning to continue their academic studies at 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

A listing of additional sources of financial aid such as scholarships or private educational loans can be found on the Financial Aid Web site at http://www.finaid.fsu.edu. Individual departments described in the “Academic Departments and Programs” section of this General Bulletin list scholarships, as well as assistantships available for students of specific majors.

### Scholarships

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

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

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

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

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

### The Federal Work Study Program (FWSP)

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

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

To determine eligibility for the Federal Work Study Program and CSLP, students must apply for financial aid at Florida State University by completing the Free Application for Federal Student Aid (FAFSA), and by submitting all other required documentation.
Director of University Housing: Rita Moser, 109 Student Life Building

Residence Halls

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

University facilities on the main campus include 16 residence halls accommodating approximately 6,111 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 dependent siblings are eligible for housing in Alumni Village, an apartment complex one and a half miles from campus. Alumni Village offers 791 one-, two-, and three-bedroom furnished apartments. Residents have access to a preschool, laundry facilities, a recreation building, and playgrounds on the premises. The Alumni Village Office provides assistance and coordinates programs for residents.

Costs

Residence Halls for Single Undergraduate Students

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

- Standard double Air-conditioned room: $1890.00*

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): $380.00*
- McCollum Hall (apartments) per semester, per student (including utilities and local telephone): $2000.00–2575.00.*

Alumni Village

One-bedroom furnished apartment: $355–$383.00*
Two-bedroom furnished apartment: $380.00–$531.00*
Three-bedroom furnished apartment: $550.00–$606.00*

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

*All housing rental fees are established by 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 2006–2007 figures and are subject to change.

Visitation Options

Limited Visitation. Visitation within student rooms by members of the opposite sex is permitted during the following hours: Sunday through Thursday, 11:00 a.m. to 12:00 midnight; and Friday and Saturday, 11:00 a.m. to 2:00 a.m.

Self-Regulated. Visitation within student rooms by members of the opposite sex is determined by mutual agreement among roommates or suitmates 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 online 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 3) by the date application and payment are received in the Office of University Housing. Although applicants are given the opportunity to express preference, no guarantee can be given that specific room or hall preferences can be met.

Special Living Units

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

In addition to its variety of facilities, University Housing is committed to providing students with a wide range of activities and programs that are designed for their needs. Full-time student affairs professionals, graduate assistants, and 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 learn to think and work as a team. Students in Landis Hall, where staff and residents share a commitment to the honors mission of the University. Great effort is taken to provide students with a wide range of activities and programs that are designed for their needs. Full-time student affairs professionals, graduate assistants, and 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.

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

Cawthon Hall is home to three learning communities: the Teacher Center in Cawthon provides first- and second-year music students the opportunity to live and study in a residential college environment. This program creates opportunities for students to evaluate the place and purpose of music in their lives, as a career, as a creative outlet, as a life-long avocation, and as a means of serving others and benefiting their community.
DeGraff Hall is home to the Social Science and Public Affairs Learning Community. This 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.

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

Wildwood Hall is home to two learning communities: the Social Justice Learning Community and Nursing Living-Learning Community. The Social Justice Living Learning Community in Wildwood Hall is designed for students who desire to understand and practice social justice. The College of Nursing Living-Learning Community at Wildwood is for freshman students who have declared nursing as their major.

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

Agreements

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

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

Other Options

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

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

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

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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 advisers before registering for classes.

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

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

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

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

International Center

Director: Cindy Green
Assistant Director for Immigration: Kristen Hagen

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

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

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

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

To obtain more information on F1 and J1 student visa status and on the International Center and its services and programs, please visit http://www.ic.fsu.edu.
The Office of the University Registrar is the official custodian of permanent academic records of all past and currently enrolled students at Florida State University. It is responsible for registering students and for maintaining student and departmental records for the term in progress, preparing transcripts, scheduling academic space, maintaining and updating curricula, certifying eligibility to receive credit for Credit by Examination, certifying attendance for loan purposes, implementing and monitoring academic regulations, certifying eligibility to graduate, and providing services and information to students, faculty, and administration. Reports and certifications of attendance and grade point average are made to governmental agencies, such as the ‘Veterans’ Administration, with the student’s permission.

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

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

Persons with Disabilities. Any student in need of specific services and reasonable accommodations should contact the Student Disability Resource Center, 108 Student Services Building, (850) 644-9566, or visit http://disabilitycenter.fsu.edu.

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 Florida State University is conducted by Web site. Using the Web site, students can register for all of their courses in a matter of minutes and can gain access to information concerning their tuition and fees from the privacy of their own home. Please note that by registering students accept both fee and grade liability. Students are advised if the requested course is available and informed of other matters related to registration, such as variable credit. However, the registration system will not tell students if they have registered for classes meeting during the same time period. Therefore, it is important to plan carefully before requesting courses.

Registration Guide and Course Schedules

Florida State University publishes the Registration Guide. The Guide contains a list of all registration deadlines, fee and payment information, and important announcements. This information is published online at the Office of the University Registrar Web site at http://registrar.fsu.edu.

Lists of course offerings, meeting times, locations, and instructors (when known) are available online through the Course Look Up system. This system is available twenty-four 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 attempting to register online. Students must contact the appropriate departmental office for any clearances or authorization needed. Individual instructors should be contacted for courses requiring permission of instructor. It is important to take care of any academic or administrative hold (stop) before calling to register.

How to Find a Course in This Bulletin

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

Registration Responsibility

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

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

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

Those students who register during late registration (normally the first four 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, ideally should 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

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

Policies & Information
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.

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.

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

Students notified of a stop should contact the notifying office immediately and arrange for removal to be allowed to register for classes, receive official transcripts, and/or receive a diploma. If students with a stop on their record are allowed to register in error, they are considered illegally enrolled in the University. If the stop is not removed after notification of such an error, the student’s registration is subject to cancellation.

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

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

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

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

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

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

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

Students Called to Active Military Duty
Students called to active duty who wish to receive 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 (850) 644-6140 or hand-carry a copy of their orders along with a statement requesting an administrative cancellation to the Administrative Section of the Office of the University Registrar, A3918 University Center.

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

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

Students who wish to receive graduate credit for such course work must obtain approval of the dean, the department chair, and the instructor offering the course prior to registration for the graduate course. After approval, up to twelve (12) semester hours may be counted toward a graduate degree at Florida State University, provided the course has not been counted toward a previous degree.
Dual Enrollment of Leon County High School Students—School Board of Leon County/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 Florida State University for which the student shall receive credit toward a high school diploma. The student must possess a grade point average (GPA) of 3.2 or better, certified by a high school counselor; be classified as a high school junior or senior; and meet requirements established by the School Board, the University, and the Florida Legislature;

2. Students will be enrolled at no cost to either the student or to the school district. The University will provide books and materials to the student and arrange for the payment of all fees;

3. Parents or guardians are responsible for the student’s transportation;

4. Courses taken at the University will under no circumstances duplicate courses offered in the student’s high school. Physical education courses offered by the University will not be considered qualified courses. The University may cancel a course due to insufficient enrollment; and

5. To remain eligible, the student must obtain a 2.0 GPA in all University course work. Both the University and the School Board will maintain academic records of the student’s course work. The University will determine the status and grades of the students and will provide records of the same to the School Board at the end of each term.

Students in Leon County public high schools interested in dual enrollment course work should consult their guidance counselor for further information. Academic advising and registration for dual enrollment students at 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 Florida State University are on file at the University in the offices of the University Registrar and the Dean of the Faculties.

Florida Agricultural and Mechanical University–Florida State University Interinstitutional Registration

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

1. Permission is to be given by the academic dean of the student’s home university;

2. Courses taken at the host university should be those normally not offered at the student’s home university;

3. Within the policy of the student’s home university, courses taken at the host university must be graded on a satisfactory/unsatisfactory (S/U) basis;

4. The final grade obtained by the student shall be reported directly to the student’s home university for entering on the student’s transcript. Grades, credits, and quality points are treated as home-institution work;

5. All tuition and fees are paid to the home institution; and

6. Faculty and full-time students at either institution have equal access to the library facilities at both institutions.

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

Tallahassee Community College/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 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 Florida State University. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) Florida State University students planning to take courses at Tallahassee Community College must obtain the approval of their academic dean and the Office of the University Registrar prior to submitting the registration request to the Office of Enrollment Services at Tallahassee Community College;

2. Registration. Courses taken at the host institution must not be offered at the home institution. If there is a shortage of classroom space, interinstitutional students will be given lower priority for scheduling than home students.

Note: Interinstitutional students will be expected to follow prescribed registration procedures at each institution. If academic term calendars of the institutions vary, students will be expected to attend all classes, complete examinations, and discharge other responsibilities normally required of students in accordance with the schedule of each institution;

3. Fees. The student will pay fees to the host institution;

4. Records and Certification. Each institution will maintain its own permanent record of courses taken. Unofficial grade reports will be exchanged by the institutions at the end of each term. Certifications of enrollment or progress will be made by each institution when requested by the student for Selective Service, Veteran’s Administration, or other purposes.

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 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.

Auditor Seating Privileges

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

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

Note: 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.
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.

Transcripts

The Office of the University Registrar issues 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 or online at http://campus.fsu.edu.

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. Unofficial transcripts are available to students free of charge. Visit http://campus.fsu.edu, click the “Secure Apps” tab and select “My Unofficial Transcript.”

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, have the right to a response from the Office of the University Registrar within thirty (30) days. When the record includes information on more than one student, only the information pertaining to the student making the request will be given.
**ACADEMIC ADVISING/Academic Support Services**

**Purpose**

Advising is a process that includes collection of information, interpretation of data, and dissemination of facts regarding educational programs, courses of instruction, resources, policies, procedures, and career options. Together, the adviser 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. Florida State University is committed to a strong program of effective academic advising for all of its students. Florida State University understands academic advisement to be a function considerably broader than assistance with course scheduling. Academic advising is a process that helps students interpret the values and benefits of higher education, assists students in their choice of educational and career objectives commensurate with interests and abilities, and examines the consequences of possible short- and long-range goals.

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

**The Student’s Role in Advisement**

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 adviser, make timely contact with the adviser upon arrival on campus and during the first semester, and continue to see the adviser at least once a term until achieving junior status;
4. See the student’s adviser 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, 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 advisers’ 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 adviser for the unit. This faculty member will serve as the unit’s liaison with the Division of Undergraduate Studies to ensure that the advisers 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 adviser 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. Advisers should be aware that students transferring to Florida State University after the freshman year have as great a need for detailed information as do freshmen. Extra care should be taken to inform these students of Florida State University’s rules and regulations, which may differ from their previous college-level experience.
7. Advisers should also be aware of the special needs of the exploratory/undecided majors they advise. Directors or coordinators of advising in each unit should take care to inform advisers of Advising First, Curricular-Career Information Services (CCIS), and other services on campus available to such students.
8. Advisers 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 advisers are aware of these student support services.
9. Advisers should take a role in identifying students who are working toward certain majors that may be inappropriate (e.g., a student with low math test scores and/or poor math preparation seeking a major in computer science or engineering). Such students may be referred to Advising First for information about their academic options or to Curricular-Career Information Services (CCIS) in the Career Center for help in clarifying their interests and abilities.
10. Units should identify students who have declared a limited access major but who, it appears, are unlikely to be able to meet the special admission requirements of that major. Such students should be made aware as early as possible of the strong likelihood that their intended major will be closed to them; advisers may wish to refer these students to Advising First Central, A3200 University Center.
Advising Organization

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

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

Assignment of Advisers

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

Academic Interest Mapping ("Mapping" or aIMS)

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

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

Entering students are strongly encouraged to select their majors at the time of admission so that advising may be tailored to their specific program requirements. For those students who are divided in their interests, however, the University permits the option of four exploratory majors. These four majors include 1) Sciences, Technology, and Engineering; 2) Creative Arts, Humanities, and Letters; 3) Education and Teaching; and 4) Communication, Human Services, and Social Sciences. Students still deciding on a specific major should contact the Exploratory Student Advising Office in Room 106, William Johnston Building, (850) 645-2847.

Minimum Progress

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

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

Declaring or Changing Majors

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

Lower-division students are allowed to change their major at any time during the semester at Advising First Central, A3200 University Center. Upper-division students should contact their academic dean’s office.

Advising Services

Orientation Advising

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

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

Department Advising

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

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

Exploratory Majors

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

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

Advising First

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

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

The State of Florida has implemented a computerized advising system to help both the student and the adviser monitor academic progress. The SASS report outlines requirements the student has already met and those the student has to complete. Reports typically will be available through the academic adviser, 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 online by selecting the “undergraduate graduation check” option on the following Web site: http://www.ais.fsu.edu/ais/applications/student/index.html.

Preprofessional Majors

Prelaw students may major in many different fields and will have an adviser 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 advisers who specialize in working with prelaw students.

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

Academic Support for Athletes

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

Center for Academic Retention and Enhancement (CARE)

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; introduction of participants to the responsibilities and opportunities of college life; encouragement of the development of useful study habits; and assistance with recognizing 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 and 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, 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) electives (ENC 1905) 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 instructor. The hours are also posted at the help center at 110 Milton C. Boorstin Hall and at 208 Love Building.

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 advisers to help students choose a major and a career. Special equipment and materials are available for students with disabilities. Here students find answers to questions about occupations, job outlook, vocational schools, graduate programs, job-hunting techniques, and many other career-related topics. CCIS holds frequent workshops and clinics.

Bryan Hall Learning Community

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

The First-Year Experience

The First-Year Experience (AMS 1363) is a one-credit-hour course offered only to first-time-in-college students and is coordinated by the Dean of Students Department and the American and Florida Studies Program. The class helps students to understand the importance of a liberal arts education, develop a framework for understanding their university experiences, and become more goal-oriented in their academic and extracurricular experiences. Students learn the history of 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.
Freshman Interest Groups (FIGs)

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

Office of National Fellowships

The Office of National Fellowships assists students in pursuing opportunities for enrichment by providing information and support throughout the fellowship application process. Through one-on-one mentoring and direct assistance for over 60 nationally competitive fellowships, we help students to identify and achieve their academic, public service, creative, and leadership goals. For more information, contact the Office of National Fellowships at A3400 University Center, (850) 645-2208, or refer to http://onf.fsu.edu.

Office of Undergraduate Studies

Associate Dean: Gregory Beaumont

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

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

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

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

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.

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

Transfer from Undergraduate Studies to Major Advisement Program

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

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 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.
undergraduate degree requirements

degrees offered

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 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 have passed the Florida College Level Academic Skills Test (Florida CLAST) or approved alternative.

At 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 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 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

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 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 courses;
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 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 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 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 Florida State University beginning with Summer C 2002 will be exempt from the Summer term requirement if they have earned nine (9) semester hours of credit through approved acceleration mechanisms as identified in Florida Statutes (AP, IB, AICE, CLEP, approved dual enrollment courses); and
11. Successful completion of coursework constituting the student’s program of studies, minor, honors thesis, or certification examination does not guarantee award of the baccalaureate degree. Faculty judgment 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 may be found in the section of this General Bulletin describing that college. Major and minor requirements may be found under the appropriate department in the departmental listings.

State mandated academic learning compacts (SMALCs)

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

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

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

Division of Undergraduate Studies
Dean: Karen Laughlin;
Associate Deans: Gregory Beaumont, Bruce Janasiewicz, Linda Mahler

The Division of Undergraduate Studies is responsible for the supervision and monitoring of all state- and University-wide degree requirements as well as University-wide academic support offices. Overseen by the Dean of Undergraduate Studies, the division includes the Office of Undergraduate Studies (the academic home of most freshmen and sophomores), Advising First, the Center for Academic Retention and Enhancement (CARE), the University Honors Program, Transfer and Information Services, and the Office of National Fellowships. For further information on these academic support offices see ‘Honors Program’ in the “University Honors Program and Honor Societies” chapter and ‘Advising First’, the ‘Center for Academic Retention and Enhancement’, and ‘Transfer and Information Services’ in the “Academic Advising and Support Services” chapter of this General Bulletin. Freshmen and sophomores have their programs and course work supervised by the Office of Undergraduate Studies. Exceptions to this placement are students accepted into the College of Music, College of Motion Pictures, Television, and Recording Arts, or into the bachelor of fine arts (BFA) program in theatre or dance. Students in these performance majors are advised and supervised directly within their own schools or departments. The Office of Undergraduate Studies is the dean’s office that administers the academic and advisement program, regardless of intended major, for all other freshman and sophomore students.

The Liberal Studies Program
As one of its primary goals, a university education should foster in the student a spirit of free inquiry into humane values, while developing the mind as an instrument of analysis and synthesis. Essential to the student’s quest for knowledge and to responsible participation in society is an understanding of one’s self and of the natural and social environment. The Liberal Studies Program is intended, therefore, to provide a perspective on the qualities, accomplishments, and aspirations of human beings, the past and present civilizations they have created, and the natural and technological world they inhabit. The Liberal Studies Program, designed to ensure breadth in the student’s academic experience, while at the same time affording flexibility in satisfying requirements, may be extended throughout the undergraduate years with the exception of Areas I and II. The five areas of liberal studies provide students with essential competencies and introduce the student to broad areas of knowledge. Students are required to complete (or be exempted from with credit) a minimum of six (6) semester hours of mathematics and six (6) semester hours of English composition, six (6) to twelve (12) semester hours in social science/history, five (5) to eleven (11) semester hours in humanities/fine arts, and seven (7) semester hours in natural science (one course must be accompanied by a scheduled laboratory) for a total of thirty-six (36) semester hours.

Liberal Studies Requirements
The liberal studies requirements must be met by completion of appropriate course work or by combination of course work and credit by examination within the limits set below:

1. Credit by Examination. A maximum of thirty (30) semester hours of credit earned through examination may be applied to the liberal studies requirements;

2. Course Work. An overall 2.0 average or better is required for course work used to satisfy the liberal studies requirements;

3. To satisfy the requirements of 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 Florida State University from a Florida public community/junior college or senior institution will be deemed to have satisfied the University’s liberal studies requirement if all general education requirements stipulated by the community/junior college or senior institution have been met and the student’s transcript has been so marked; and

8. A course approved for liberal studies credit at the time the course was completed will meet liberal studies requirements, even if the course was not listed as a liberal studies course in the General Bulletin under which the student entered.

Courses for the Liberal Studies Program shall be selected from the following five areas. Students should check departmental curriculum listings to determine prerequisites and course duplications prior to taking courses.

Note: Some students will be required to take preparatory course work prior to enrollment in English composition and or/mathematics courses. See ‘Required Preparatory Courses’ in the “Office of the University Registrar” chapter of this General Bulletin.

Area I. Mathematics

Students must complete (or be exempted from with credit) at least six (6) semester hours in mathematics. Eligible students will enroll, as space permits, in three (3) semester hours in the Department of Mathematics during their first regular length term on campus and continue with the course until it has been completed. All six (6) semester hours of the mathematics liberal studies requirement should normally be completed by the end of the sophomore year.

Students must complete three (3) semester hours in the Department of Mathematics and three (3) additional semester hours in the Department of Mathematics or the Department of Statistics, or take a course from a list approved by the Faculty Senate and maintained by the Office of Undergraduate Studies.

Area II. English Composition

Students must complete (or be exempted from with credit) at least six (6) semester hours in English composition. All students, with such exceptions as have been or may be established by the Faculty Senate, shall complete the required English writing courses during their first academic year in residence at Florida State University or must show exemption from six (6) semester hours of freshman writing courses. Each of these courses will require 6,000 words of writing. All courses used to satisfy this requirement (Section 1007.25, Florida Statutes) must be completed with a grade of “C-” or higher.

Students must complete either ENC 1101 (or 1121) and a second course from the following list. Most students take ENC 1102 (or 1122) as the second course.

ENC 1101W Freshman Composition and Rhetoric (3)
ENC 1102W Freshman Writing, Reading, and Research (3)
ENC 1121W Freshman Composition and Rhetoric: Honors (3)
ENC 1122W Freshman Writing About Literature: Honors (3)
ENC 1142W Freshman Imaginative Writing Workshop (3)
ENC 1144W Freshman Article and Essay Workshop (3)
ENC 1145W Freshman Special Topics in Composition (3)

Additional courses may be approved and added to the above list from time to time.
Area III. History/Social Science

Students must complete six (6) to twelve (12) semester hours, including a minimum of three (3) semester hours of history and three (3) semester hours of social science.

History

AMH 1091y/W The African American Experience in the United States (3)
AMH 2010W, 2020W A History of the United States (3, 3)
AMH 2095y/W The American Indians and the United States (3)
AMH 2096y/W Black Women in America (3)
AMH 2097y/W Nationality, Race, and Ethnicity in the United States (3)
AMH 2583y History of the Seminoles and Southeastern Tribes (3)
ASH 1044x/W Middle Eastern History and Civilization (3)
ASH 3100x/W History of Asia (3)
EUH 2000W Ancient and Medieval Civilizations (3)
LAH 1095x/W Latin America: A Cross-Cultural History (3)
WOH 1023W The Modern World to 1815 (3)
WOH 1030W The Modern World Since 1815 (3)

Social Science

AFA 3101y/W Theory and Dynamics of Racism and Oppression (3)
ANT 2410x Introduction to Cultural Anthropology (3)
ANT 2416x Childhood Around the World (3)
ANT 2470x/W Anthropology of Globalization (3)
ANT 3141x World Prehistory (3)
ANT 3212x Peoples of the World (3)
CCJ 2020 Introduction to Criminal Justice (3)
CCJ 3011 Criminology (3)
CPD 2002x Introduction to Comparative Government and Politics (3)
ECO 2000 Introduction to Economics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)
FAD 2220 Family Relationships: A Life Span Development Approach (3)
GEA 100x/W World Geography (3)
GEO 1330 Environmental Science (3)
GEO 1400x/W Human Geography (3)
INR 2002 Introduction to International Relations (3)
ISS 2937W Social Science Honors Seminar (3) (For honors students only.)
PAD 3003 Public Administration in American Society (3)
POS 1041 American Government: National (3)
PSY 2012 General Psychology (3)
PUP 3002 Introduction to Public Policy (3)
SOP 3004 Social Psychology (3)
SYD 3020x Population and Society (3)
SYG 1000 Introductory Sociology (3)
SYG 310y Social Problems (3)
SYO 3100y Family Problems and Social Change (3)
SYO 3200x Sociology of Religion (3)
URS 1006x World Cities: Quality of Life (3)

Area IV. Humanities/Fine Arts

Students must complete five (5) to eleven (11) semester hours. One course must meet the literature requirement. Courses meeting the literature requirement are marked by an asterisk.

AFA 2000W Introduction to the Afro-American Experience (3)
* AML 2010W American Authors to 1875 (3)
* AML 2600y/W Introduction to African-American Literature (3)
* AML 3041W American Authors Since 1875 (3)
* AML 3311W Major Figures in American Literature (3)
* AML 3630y/W Latin/o/a Literature in English (3)
* AML 3682y/W 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 2090x/W Great Discoveries in World Archaeology (3)
ARH 2630Cy/W Survey in African-American Art and Aesthetics (3)
ARH 3056/W History and Criticism of Art I (3)
ARH 3057/W 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 3530x/W The Arts of Asia (3)
ART 2003CW Survey of Studio Art Practices (3)
* CLA 2010W Introduction to Greek and Roman Civilization (3)
* CLA 2110W The Greek Way: Introduction to Greek Civilization (3)
* CLA 2123W The Roman Way: Introduction to Roman Civilization (3)
CLA 2810W Discovery of Nature: Ancient Science (3)
CLA 3012y/W Homosexuality in Antiquity (3)
* CLA 3501y/W Gender and Society in Ancient Greece (3)
CLA 3502y/W Women, Children, and Slaves in Ancient Rome: The Roman Family (3)
CLT 3041W World Building: Greek and Latin Elements in the English Vocabulary (3)
* CLT 3370W Classical Mythology (3)
* CLT 3378x/W Ancient Mythology, East and West (3)
* CLT 3380W Classical Drama and Its Influence (3)
DAN 2100W Introduction to History and Appreciation of Dance (3)
# DAN 3144W History and Philosophy of Dance (3)
OR
# DAN 3145W History and Philosophy of Dance (3)
OR
# DAN 3146W History and Philosophy of Dance (3)
DAN 3192y/W African-American Dance in American Culture (3)
ENG 3310W Film Genre (3)
ENG 3600 Hollywood Cinema (3)
* ENL 2012W British Authors: Beginnings to 1790 (3)
* ENL 2022W British Authors: Early Romantics to the Present (3)
* ENL 3334W Introduction to Shakespeare (3)
FIL 2001 Introduction to Film (3)
* FOW 3240y/W Literature and Sexuality (3)
FRT 3561y/W French Women Writers (3)
FRW 3391r/W German Cinema (3)
* GET 3130y/W Masterpieces of German Literature in Translation: 19th and 20th Centuries (3)
GEW 3391r/W German Cinema (3)
* HUM 2210W Humanities: Homer to Gothic (3)
* HUM 2235W/W Humanities: From the Renaissance to the Enlightenment (3)
* HUM 2250W/W Humanities: 18th-Century Romanticism to Postmodernism (3)
HUM 2937W/W Humanities Honor Seminar (3) (For honors students only.)
HUM 3321y/W Multicultural Dimensions of Film and 20th-Century Culture (3)
* HUM 3324x/W Cultural Imperialism (3)
* HUM 3600W/ Humanities: Principles of Criticism and Appreciation (3)
* ITT 3430W Masterpieces of Italian Literature in Translation (3)
* ITT 3500W Italian Culture and Civilization: From Origins to the Age of Romanticism (3)
* ITT 3501y/W Modern Italian Culture: From the Unification to the Present (3)
* ITT 3520y/W The Italian-American Experience in Literature and Film (3)
ITW 3391r/W Italian Cinema (3)
JPT 3391x/W Japanese Film and Culture (3)
* LIT 2020W/W Introduction to the Short Story (3)
LIT 2081W/W Contemporary Literature (3)
LIT 2230x/W Introduction to Global Literature in English (3)
* LIT 3043W Modern Drama (3)
* LIT 3383y/W Women in Literature (3)
MUH 2011W Introduction to Music History–Music Appreciation: 18th and 19th Centuries (3)
MUH 2012W/W Music in Western Culture, 19th and 20th Centuries (3)
MUH 2019y/W Modern Popular Music (3)
MUH 2051x/W Music Cultures of the World–Music of Tribal and Folk Cultures (3)
MUH 3053y/W Minority Musics in North America (3)
MUH 3211W/W Survey of Music History–Antiquity to 1750 (3)
MUH 3212W/W 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 3140y/W Aristotle to Augustine (3)
PHI 3400W Modern Philosophy (3)
PHI 2010W/W Introduction to Philosophy (3)
PHI 2100W/W Reasoning and Critical Thinking (3)
PHI 2620W Environmental Ethics (3)
PHI 2630W Ethical Issues and Life Choices (3)
PHI 3400W/W History and Philosophy of Science (3)
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 2100 Introduction to Archaeology (3)
ANT 2100L Introduction to Archaeology Laboratory (1)
ANT 251fx Introduction to Physical Anthropology and Prehistory (3)
ANT 251L Introduction to Physical Anthropology and Prehistory Laboratory (1)
AST 1002 Planets, Stars, and Galaxies (3)
AST 1002L Introductory Astronomy Laboratory (1)
AST 303W Recent Advances in Astronomy and Cosmology (3)
BSC 1005 General Biology for Non-majors (3)
BSC 1005L General Biology Laboratory for Nonmajors (1)
BSC 2010L Biological Science I Laboratory (1)
BSC 2011L Biological Science II Laboratory (1)
BSC 2011L Animal Diversity Laboratory (2)
CHM 1020 Chemistry for Liberal Studies (3)
CHM 1020L Chemistry for Liberal Studies Laboratory (1)
CHM 1032 Survey of General Chemistry (3)
CHM 1045 General Chemistry I (3)
CHM 1046 General Chemistry II (3)
CHM 1045L General Chemistry Laboratory I (1)
CHM 1046L General Chemistry Laboratory I (1)
CHM 1050 Honors General Chemistry I (3) (for science majors.)
CHM 1051 Honors General Chemistry II (3) (for science majors.)
CHM 1050L Honors General Chemistry Laboratory I (1) (for science majors.)
CHM 1051L Honors General Chemistry Laboratory II (2) (for science majors.)
CHM 2200 Survey of Organic Chemistry (3)
CHM 2200L Survey of Organic Chemistry Lab (1)
GYS 1001 Dynamic Earth (3)
GYS 1000L Dynamic Earth Laboratory (1)
GYS 1042 Planetary Geology (3)
GYS 1070 Living on the Water Planet (3)
GYS 1102 Dinosaurs and Disasters on an Evolving Earth (3)
GYS 1520W Environmental Issues in Geology (3)
GYS 2010C Physical Geology (4) (for science majors.)
GYS 2100 Historical Geology (3)
GYS 2100L Historical Geology Laboratory (1)
HUN 1201 The Science of Nutrition (3)
ISC 2003x Global Change: Its Scientific and Human Dimensions (3)
ISC 2937W 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.)
### Diversity in Western Culture Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AFA 1063</td>
<td>Diversity and Justice</td>
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<tr>
<td>AFA 3101</td>
<td>Theory and Dynamics of Racism and Oppression</td>
<td>3</td>
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<td>AMH 1091</td>
<td>The African American Experience in the United States</td>
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<td>AMH 2905</td>
<td>The American Indians and the United States</td>
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<td>AMH 2906</td>
<td>Black Women in America</td>
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<td>AMH 2907</td>
<td>Nationality, Race and Ethnicity in the United States</td>
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<tr>
<td>AMH 2583</td>
<td>History of the Seminoles and Southeastern Tribes</td>
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<td>AMH 4561</td>
<td>Women in 19th-Century America</td>
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<td>AMH 4562</td>
<td>Women in Modern America</td>
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<td>AMH 4571</td>
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<tr>
<td>AMH 4572</td>
<td>Black America Since 1877</td>
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<td>AML 2500</td>
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<td>AML 3630</td>
<td>Latina/o Literature in English</td>
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<td>AML 3682</td>
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<td>AML 4604</td>
<td>The African-American Literary Tradition</td>
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<td>AML 4680</td>
<td>Studies in Ethnic Literature</td>
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<td>ANT 3585</td>
<td>Race: Biology and Culture</td>
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<td>ARH 4601</td>
<td>Native American Arts and Architecture of the Southwest</td>
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<td>CCJ 4662</td>
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<td>EDP 2073</td>
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<td>GEA 4405</td>
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<td>LEI 3181</td>
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<td>LIS 2568</td>
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<td>LIT 3383</td>
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<td>MUC 2309</td>
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<td>MUH 4543</td>
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<td>NUR 3655</td>
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<td>PET 4254</td>
<td>Gender Issues in Sport and Physical Activity</td>
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<td>PHM 2121</td>
<td>Philosophy of Race, Class, and Gender</td>
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<td>PHM 3123</td>
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<td>PUP 3323</td>
<td>Women and Politics</td>
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<td>Russian Literature in English</td>
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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 Florida State University. Acceptable substitutions 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 two 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 that 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.

Computer Skills Competency

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

1. Earn a grade of “C–” or better in a course(s) that has been approved by the Undergraduate Policy Committee for computer skills competency in the major, or
2. Have a prior course, passed with a grade of “C–” or better, certified by the student’s major department as equivalent to the courses approved for computer skills competency in the major.

The specific computer competency skills needed vary from discipline to discipline, and while a minimum level of competency is required, means of assessing such competency must remain flexible. Thus, associated with each major is a required course(s) that provides instruction in the discipline-specific computer skills, and students passing this course(s) with a grade of “C–” or better will be considered to have completed the requirement. The list of required courses for each major will include at least one course flagged as satisfying the computer skills requirement. Students should check with their major department to identify the course(s) designated by the department as satisfying the computer skills competency in the major.

Through the vehicle used to satisfy the computer competency requirement, students must demonstrate:

- Competent use of a discipline-useful software package, and
- The ability to perform simple transactions using the Web/Internet.
Statewide Graduation Requirements

Two Florida statutes apply to the rules for academic progress to be followed by students in the state universities of Florida: the requirements of minimum communication and computation skills as stated in Section 1007.25, Florida Statutes; and the Florida CLAST. The requirements of these rules follow.

College-Level Communication Skills

Section 1007.25, Florida Statutes

Procedures. Students will satisfy the requirements of this rule by completing, with a grade of “C–” or better in each course, the liberal studies requirements in Area I (mathematics), Area II (English composition), and four more liberal studies courses designated by the Undergraduate Policy Committee as requiring 3,000 words of writing (courses indicated with a “W”). These requirements must be completed prior to receipt of an associate in arts certificate from Florida State University or admission to upper division. For more information, see ‘Progression to Upper Division’ in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Exemptions, Waivers, Advanced Placement. A student shall be allowed to at least partially satisfy the mathematics requirement of Section 1007.25, Florida Statutes, through exemption in one of the following ways:

1. By scoring appropriately on an examination administered on campus by the Department of Mathematics.
2. By obtaining a score of at least 680 on the mathematics test of the SAT or the equivalent score (30) on the mathematics test of the Enhanced ACT; or
3. By satisfying College-Level Examination Program (CLEP) requirements in mathematics for postadmission exemptions of coursework.

Any student who has satisfied CLEP requirements in mathematics and whose high school transcript shows successful completion of higher mathematics course work, including college algebra, trigonometry, and calculus, shall be certified as having satisfied the computation requirement of Section 1007.25, Florida Statutes, though the student may still be required to complete the mathematics requirement for liberal studies.

An Advanced Placement calculus score of 3 or higher will satisfy the second mathematics course for Section 1007.25, Florida Statutes. A student may also be allowed to satisfy the English component of Section 1007.25, Florida Statutes, through one of the following methods:

1. Students who score 650 or higher on the verbal portion of the Scholastic Assessment Test (SAT-I) or 29 or higher on the English portion of the Enhanced American College Testing Program test (ACT) will be granted three (3) semester hours of credit equivalent to ENC 1101;
2. For Advanced Placement (AP) scores of 3 on either English Language and Composition or English Literature and Composition a student will be awarded three (3) semester hours of credit for ENC 1101. A score of 4 or 5 on a single exam earns the student six (6) semester hours of credit for liberal studies and Section 1007.25, Florida Statutes.

Transfer Credits or Correspondence Credits. Students transferring to Florida State University who have been certified by Florida State University as having completed the requirements of the Liberal Studies Program by virtue of having received the AA degree from their previous institution will be deemed to have satisfied the requirements of Section 1007.25, Florida Statutes.

Students transferring from other institutions that 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 Florida State University’s Plan for Section 1007.25, Florida Statutes.

Courses taken by correspondence will be treated in the same manner as courses accepted for transfer.

Florida College Level Academic Skills Test

The Florida CLAST is required by Florida statutes and rules of the State Board of Education for the admission of students to upper-division status in the state universities of Florida. Students must complete the Florida CLAST prior to the end of their sophomore year in college. Transfer students admitted directly to baccalaureate degree programs who have not completed the Florida CLAST must register for and take the Florida CLAST prior to or during the first term of enrollment.

Beginning January 1st, 1996, the following alternatives have been approved to meet statewide requirements of the Florida CLAST.

Students who plan to major in a teacher education program must take and achieve a passing score on all sections of the CLAST; or, if students have otherwise met CLAST requirements by one of options 1 through 3 below, they may substitute a passing score on the General Knowledge portion of the Florida Teacher Certification Exam instead of taking CLAST.

1. Any student who achieves a cumulative grade point average of 2.5 or above, on a 4.0 scale, in secondary-level English and mathematics course work 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

Computational Skills: Generalizations

- Selecting applicable properties for transforming statements without affecting their meaning
- Inferring relations between numbers in general by examining number pairs
- Selecting applicable properties for performing arithmetic calculations
- Inferring formulas for measuring geometric figures
- Selecting applicable formulas for computing measures of geometric figures
- Inferring relations among variables
- Selecting applicable properties for solving equations and inequalities
- Inferring relations and making accurate predictions from studying particular cases in probability and statistics
- Inferring valid reasoning patterns and expressing them with variables
- Selecting applicable rules for forming equivalent expressions
- Selecting applicable rules for transforming statements without affecting their meaning

Computational Skills: Problem Solving

- Solving real-world problems involving perimeters, areas, and volumes of geometric figures; the Pythagorean property; the normal curve; and probabilities
- Solving real-world problems inviting the use of variables
- Solving real-world problems that do not require the use of variables
- Solving problems that involve the structure and logic of arithmetic and algebra
- Drawing logical conclusions when facts warrant them

Most courses regularly taken by freshmen and sophomores involve the reading skills covered on the Florida CLAST. Writing skills are specifically addressed in the Liberal Studies Program by the courses in written communication listed under Area II, English Composition. Special instruction is available in the Reading/Writing Center of the Department of English. Many of the computational skills in arithmetic, geometry, and measurement should be mastered before the student enters the University, but assistance in reviewing these skills can be obtained through the Mathematics Help Center of the Department of Mathematics or through a community college course. All computational skills beyond that level are included in the following set of courses: 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. Florida State University’s President grants the waiver upon recommendation by the committee.
Florida State University has adopted the following working definition of proficiency: proficiency in language ability generally means the ability to use the language acceptably and correctly in the four skill areas of listening, speaking, reading, and writing.

Minimum Criteria for Eligibility for CLAST Waivers in the Communications Area for All Students

1. Completion of undergraduate English communication liberal studies courses at Florida State University with a “C” or better regardless of first language. This requirement applies to all transfer students and those students native to Florida State University;
2. At the time of the consideration by the Committee on CLAST Waivers, students must have earned a minimum cumulative grade point average of 2.0.

Minimum Criteria for Eligibility for CLAST Waivers in the Communications Area for Non-native English Speaking Students

1. All international students transferring to Florida State University from any institution of higher education will submit a TOEFL score of 550;
2. All Florida public community college students transferring to Florida State University without the associate of arts degree whose first language is not English must present a TOEFL score of 550.

Minimum Criteria for Eligibility for CLAST Waivers in the Computation Area for All Students

1. Completion of two undergraduate mathematics liberal studies courses with at least a 2.0 average. This requirement applies to all transfer students and those students native to Florida State University;
2. At the time of consideration by the Committee on CLAST Waivers, students must have earned a minimum cumulative grade point average of 2.0.

Progression to Upper Division

For progression to upper-division status at 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 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 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 for Upper-Division Students

For an upper-division student to change colleges within the University, the student must meet the following requirements:
1. Obtain a signed approval form from the dean of the college to which the student wishes to transfer;
2. Obtain an approval signature on that form from the dean of the college 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 Florida State University and an overall 2.0 GPA on all college work attempted. A minimum of twenty (20) of the last thirty (30) semester hours of work must be earned in residence. Successful completion of the Liberal Studies Program with a 2.0 GPA or better and passing Florida CLAST scores or approved alternative are required for the AA certificate. Students beginning their college program January 1983 or later must also meet the requirements of Section 1007.25, Florida Statutes.

Students cannot apply for both an associate in arts certificate and a bachelor’s degree to be awarded in the same semester. Also, the associate in arts certificate cannot be awarded once a bachelor’s degree has been conferred.

The awarded of the AA certificate does not alter the calculation of the cumulative GPA at Florida State University. Certification for the AA certificate in no way affects the requirements of individual colleges for the completion of the major/minor for a baccalaureate degree.

Students interested in receiving the AA certificate and who are completing or have completed all the requirements listed above must officially apply at the Office of Undergraduate Studies.

Teacher Education

Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs, state that students planning to matriculate in a teacher education program at Florida State University must: 1) Complete all University liberal studies requirements; 2) Take and pass the CLAST or the general knowledge portion of the Florida Teacher Certification Exam (FTCE); and 3) Acquire a passing score on the professional knowledge and subject area test on the Florida Teacher Certification Exam (FTCE) prior to completion of program requirements. Students must also complete: 1) specified degree prerequisites referred to in the appropriate program chapters of this General Bulletin; 2) specific admission criteria described in the “Admissions” and “College of Education” chapters of this General Bulletin; and 3) the “General Requirements” described earlier in this chapter of the General Bulletin.

Note: Students should consult with an adviser to determine how to simultaneously satisfy Florida State University’s liberal studies requirements and the teacher preparation general education core curriculum requirements.
The Baccalaureate Degree

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 one term prior to graduation. If a graduation check has not been requested by the time the student reaches one-hundred ten (110) semester hours, a stop will be placed on the student’s future registration.

Application for Graduation

Application for a degree must be made to the Office of the University Registrar by the date stated in the academic calendar in this General Bulletin during the term in which the student expects to graduate. If the student is unable to graduate at the end of the term for which application was made and the diploma was ordered, the student must again make application for degree no later than the deadline for the next term in which the student expects to graduate. The student must also bear the expense of the second diploma request.

The Bachelor of Arts Degree

The bachelor of arts (BA) degree requires all the general criteria listed at the beginning of this section, and

1. Completion of a classical or modern foreign language through the 2000 level (2200 or equivalent course); and
2. Nine (9) semester hours in the fields of humanities and history, in addition to the liberal studies and the foreign language requirement. Courses may be selected from the following colleges, and departments: College of Visual Arts, Theatre and Dance; College of Music; College of Communication (not including work in communication disorders), and the departments of Classical Languages, Literature, and Civilization; English; History; Modern Languages and Linguistics; Philosophy; or Religion in the College of Arts and Sciences.

Second Baccalaureates and Second Majors

Students should note that there is a difference between a second major and a second baccalaureate degree.

Students may receive a second baccalaureate degree provided that 1) the requirements for each major/minor as well as individual college 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 of the primary major but only the major requirements of the secondary major. For information about the second major see ‘Second Majors and Academic Regulations’ in the “Academic Regulations and Procedures” chapter of this General Bulletin.

Degrees of Distinction

Three degrees of distinction are granted to graduating students based on all college-level work attempted (excluding physical education activity courses) and including the term’s work in which baccalaureate degree requirements are completed:

- Cum Laude for an overall average of 3.500;
- Magna Cum Laude for an overall average of 3.700; and
- Summa Cum Laude for an overall average of 3.900.

Degrees with distinction are granted to transfer students who meet all three of the following requirements:

1. The student must complete at this University at least forty (40) semester hours of graded work, including the final term’s work;
2. The student must have the required average on all work taken at this University; and
3. The student must have the required overall average on all work attempted, including any transfer credit excluding any physical education activity courses or vocational courses, regardless of how many years have elapsed since the credit was earned. Transfer credit cannot raise a student’s Florida State University grade point average.

Graduation “With Honors”

Students who complete and successfully defend an upper-division honors thesis or equivalent honors projects (as defined by individual departments offering honors in the major) will graduate with the designation “With Honors.” Students may graduate with one of the three degrees of distinction described above and “With Honors.” The “University Honors Program and Honor Societies” chapter of this General Bulletin fully describes the Honors in the Major Program.

American Sign Language as a Foreign Language

Students pursuing the Bachelor of Arts degree may substitute American Sign Language through SPA 2614C for the foreign language requirement, except where a particular foreign language(s) has been specified by a college, or program for a specific degree.
ACADEMIC REGULATIONS AND PROCEDURES, CREDIT, AND CREDIT LIMITATIONS

Academic Honor Policy

The statement on Values and Moral Standards at Florida State University says: “The moral norm which guides conduct and informs policy at Florida State University is responsible freedom. Freedom is an important experience which the University, one of the freest of institutions, provides for all of its citizens – faculty, students, administrators, and staff. Freedom is responsibly exercised when it is directed by ethical standards.” (Values and moral standards at Florida State University retrieved from the current General Bulletin located at http://registrar.fsu.edu/.)

The statement also addresses academic integrity: “The University aspires to excellence in its core activities of teaching, research, creative expression, and public service and is committed to the integrity of the academic process. The [Academic Honor Policy] is a specific manifestation of this commitment. Truthfulness in one’s claims and representations and honesty in one’s activities are essential in life and voca
tion, and the realization of truthfulness and honesty is an intrinsic part of the educational process.” (Values and moral standards at Florida State University retrieved from the current General Bulletin located at http://registrar.fsu.edu/.)

Guided by these principles, this Academic Honor Policy outlines the University’s expectations for students’ academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty throughout the process. Further information about the Academic Honor Policy can be accessed at http://dof.fsu.edu/honorpolicy.htm.

FSU Academic Honor Pledge

I affirm my commitment to the concept of responsible freedom. I will be honest and truthful and will strive for personal and institutional integrity at Florida State University. I will abide by the Academic Honor Policy at all times.

Academic Honor Violations

Note: Instructors are responsible for reinforcing the importance of the Academic Honor Policy in their courses and for clarifying their expectations regarding collaboration and multiple submission of academic work. Examples have been provided for the purpose of illustration and are not intended to be all-inclusive.

1. Plagiarism. Intentionally presenting the work of another as one’s own (i.e., without proper acknowledgement of the source). Typical examples include: Using another’s work from print, Web, or other sources without acknowledging the source; quoting from a source without citation; using facts, figures, graphs, charts or information without acknowledgement of the source.

2. Cheating. Improper application of any information or material that is used in evaluating academic work. Typical examples include: Copying from another student’s paper or receiving unauthorized assistance during a quiz, test or examination; using books, notes, or other devices (e.g., calculators, cell phones, or computers) when these are not authorized; procuring without authorization a copy of or information about an examination before the scheduled exercise; unauthorized collaboration on exams.

3. Unauthorized Group Work. Unauthorized collaborating with others. Typical examples include: Working with another person or persons on any activity that is intended to be individual work, where such collaboration has not been specifically authorized by the instructor.

4. Fabrication, Falsification, and Misrepresentation. Intentional and unauthorized altering or inventing of any information or citation that is used in assessing academic work. Typical examples include: Inventing or counterfeiting data or information; falsely citing the source of information; altering the record of or reporting false information about practicum or clinical experiences; altering grade reports or other academic records; submitting a false excuse for absence or tardiness in a scheduled academic exercise; lying to an instructor to increase a grade.

5. Multiple Submission. Submitting the same academic work (including oral presentations) for credit more than once without instructor permission. It is each instructor’s responsibility to make expectations regarding incorporation of existing academic work into new assignments clear to the student in writing by the time assignments are given. Typical examples include: Submitting the same paper for credit in two courses without instructor permission; making minor revisions in a credited paper or report (including oral presentations) and submitting it again as if it were new work.

6. Abuse of Academic Materials. Intentionally damaging, destroying, stealing, or making inaccessible library or other academic resource material. Typical examples include: Stealing or destroying library or reference materials needed for common academic purposes; hiding resource materials so others may not use them; destroying computer programs or files needed in academic work; stealing, altering, or intentionally damaging another student’s notes or laboratory experiments. (This refers only to abuse as related to an academic issue.)

7. Complicity in Academic Dishonesty. Intentionally helping another to commit an act of academic dishonesty. Typical examples include: Knowingly allowing another to copy from one’s paper during an examination or test; distributing test questions or substantive information about the material to be tested before a scheduled exercise; deliberately furnishing false information.

8. Attempting to commit any offense as outlined above.

Student Rights

Students have the following important due process rights, which may have an impact on the appellate process:

1. To be informed of all alleged violation(s), receive the complaint in writing (except in a Step 1 agreement, described in the Procedures Section, where the signed agreement serves as notice), and be given access to all relevant materials pertaining to the case; and

2. To receive an impartial hearing in a timely manner where they will be given a full opportunity to present information pertaining to the case.

Students are also accorded the following prerogatives:

1. When possible, to discuss the allegations with the instructor;

2. Privacy, confidentiality, and personal security;

3. To be assisted by an adviser who may accompany the student throughout the process but may not speak on the student’s behalf;

4. To choose not to answer any question that might be incriminating;

5. To contest the sanctions of a first-level agreement and to appeal both the decision and sanctions of an Academic Honor Hearing. The student has the right to continue in the course in question during the entire process. Once a student has received notice that he/she is being charged with an alleged violation of the Academic Honor Policy, the student is not permitted to withdraw or drop the course unless the final outcome of the process dictates that no academic penalty will be imposed. Should no final determination be made before the end of the term, the grade of “Incomplete” will be assigned until a decision is made.

Students should contact the Dean of Students Department for further information regarding their rights.

Procedures for Resolving Cases

Step 1. Throughout the Step 1 process, the instructor has the responsibility to address academic honor allegations in a timely manner, and the student has the responsibility to respond to those allegations in a timely manner. For assistance with the Academic Honor Policy, students should consult the Dean of Students Department and instructors should consult the Office of the Dean of the Faculties.

If a student observes a violation of the Academic Honor Policy, he or she should report the incident to the instructor of the course. When an instructor believes that a student has violated
the Academic Honor Policy in one of the instructor’s classes, the instructor must first contact the Office of the Dean of the Faculties to report the alleged violation to determine whether to proceed with a Step 1 agreement. The instructor must also inform the department chair or dean. (Teaching assistants must seek guidance from their supervising faculty member.) However, faculty members or others who do not have administrative authority for enforcing the Academic Integrity Policy should not be informed of the allegation, unless they have established a legitimate need to know. If pursuing a Step 1 agreement is determined to be possible, the instructor shall discuss the evidence of academic dishonesty with the student and explore the possibility of a Step 1 agreement. Four possible outcomes of this discussion may occur:

1. If the charge appears unsubstantiated, the instructor will drop the charge, and all documents created in investigating the allegation will be destroyed. The instructor should make this decision using the “preponderance of the evidence” standard and should inform the Office of the Dean of the Faculties.

2. The student may accept responsibility for the violation and accept the academic sanction proposed by the instructor. In this case, any agreement involving an academic penalty must be put in writing and signed by both parties on the “Academic Honor Policy Step 1 Agreement” form, which must then be sent to the Dean of Students Department. This agreement becomes a confidential student record of academic dishonesty and will be removed from the student’s file five years from the date of the final decision in the case.

3. The student may accept responsibility for the violation, but contest the proposed academic sanction. In this circumstance, the student must submit the “Academic Honor Policy Referral to Contest Sanction” form along with supporting documentation to the Office of the Dean of the Faculties. The Dean of the Faculties (or designee) will review the submitted documentation to determine whether the instructor has imposed a sanction that is disproportionate to the offense. The Dean of the Faculties may affirm or modify the sanction as appropriate. The decision that results from this review is final.

4. The student may deny responsibility. In this circumstance, the instructor submits the “Academic Honor Policy Hearing Referral” form along with supporting documentation to the Dean of the Faculties Office for an Academic Honor Policy Hearing. The student is issued a letter detailing the charges within ten class days of the receipt of the referral, and the schedule for the hearing will be set as soon as possible and within 90 days from the date of the letter. These timelines may be modified in unusual circumstances. Unless all parties agree, the hearing will not be held any sooner than 7 class days from the student’s receipt of the charge letter. The process then proceeds to Step 2.

   If the student is found to have a prior record of academic dishonesty or the serious nature of the allegations merits a formal hearing, the instructor must refer the matter to Step 2 for an Academic Honor Policy Hearing by submitting the “Academic Honor Policy Hearing Referral” form to the Office of the Dean of the Faculties.

**Step 2: Academic Honor Policy Hearing.** A panel consisting of five members shall hear the case. The panel shall include: one faculty member appointed by the Dean of the Faculties who is not from that unit; and two students appointed through procedures established by the Dean of Students Department. The panel shall be chaired by the Dean of the Faculties (or designee), who is a non-voting member of the committee.

The hearing will be conducted in a non-adversarial manner with a clear focus on finding the facts within the academic context of the course. The student is presumed innocent going into the proceeding. After hearing all available and relevant information, the panel determines whether or not to find the student responsible for the alleged violation using the “preponderance of the evidence” standard. If the student is found responsible for the violation, the panel is informed about any prior record of academic honor policy violations and determines an academic sanction (and disciplinary sanction, if appropriate). In some cases, a Step 1 sanction may have been appropriately proposed prior to the convening of an Academic Honor Hearing. If the student is found responsible in these cases, the panel typically will impose a sanction no more severe than that which was proposed by the faculty member. The panel is required to provide a clear written justification for imposing a sanction more severe than the sanction proposed in Step 1.

The chair of the Academic Honor Policy hearing panel will report the decision to the student, the instructor, and the Dean of Students Department. The Dean of Students Department will report the decision to the University Registrar, if appropriate. If the student is found “responsible,” this outcome will be recorded with the Dean of Students Department and becomes a confidential student record of an Academic Honor Policy violation. Records in which suspension or a less severe sanction (including all academic sanctions) is imposed will be removed five years from the date of the final decision in the case. Records involving dismissal and expulsion will be retained permanently, except in cases where a dismissed student is readmitted. Those records will be removed five years from the date of the student’s readmission.

**Sanctions**

**Step 1.** This Step 1 procedure is implemented with first-offense allegations that do not involve egregious violations. The decision regarding whether an allegation is egregious is made by the Dean of the Faculties (or designee) and the instructor. The criteria used by the instructor to determine the proposed academic penalty should include the seriousness and the frequency of the alleged violation. The following sanctions are available in the Step 1 procedure.

1. Additional academic work;
2. A reduced grade (including “0” or “F”) for the assignment;
3. A reduced grade (including “F”) for the course.

**Step 2.** An Academic Honor Policy Hearing is held for all second offenses, for all first offenses that involve egregious violations of the Academic Honor Policy, for all offenses that involve simultaneous violations of the Student Conduct Code, and in all cases where the student denies responsibility for the alleged violation. The decision regarding whether an allegation is egregious is made by the Dean of the Faculties (or designee) and the instructor. In some cases, a Step 1 sanction may have been appropriately proposed prior to the convening of an Academic Honor Policy Hearing. If the student is found responsible in these cases, the panel typically will impose a sanction no more severe than that which was proposed by the faculty member. The panel is required to provide a clear written justification for imposing a sanction more severe than the sanction proposed in Step 1. Students will not be penalized solely for exercising their right to request a Step 2 hearing. The following sanctions are available in Step 2 (see the Procedures section) and may be imposed singly or in combination:

1. Additional academic work;
2. A reduced grade (including “0” or “F”) for the assignment;
3. A reduced grade (including “F”) for the course;
4. Reprimand (written or verbal);
5. Educational Activities – attendance at educational programs, interviews with appropriate officials, planning and implementing educational programs, or other educational activities. Fees may be charged to cover the cost of educational activities;
6. Restitution;
7. Conduct Probation – a period of time during which any further violation of the Academic Honor Policy may result in more serious sanctions being imposed. Some of
the restrictions that may be placed on the student during the probationary period include, but are not limited to: participation in student activities or representation of the University on athletic teams or in other leadership positions;

8. Disciplinary Probation – a period of time during which any further violation of the Academic Honor Policy puts the student’s status with the University in jeopardy. If the student is found “responsible” for another violation during the period of Disciplinary Probation, serious consideration will be given to imposing a sanction of Suspension, Dismissal, or Expulsion. The restrictions that may be placed on the student during this time period are the same as those under Conduct Probation;

9. Suspension – Separation from the University for a specified period, not to exceed two years;

10. Dismissal – Separation from the University for an indefinite period of time. Readmission is possible but not guaranteed and will only be considered after two years from the effective date of the dismissal, based on meeting all admission criteria and obtaining clearance from the Dean of Students or designee;

11. Expulsion – Separation from the University without the possibility of readmission;

12. Withholding of diplomas, transcripts, or other records for a specified period of time; and/or

13. Revocation of degree, in cases where an egregious offense is discovered after graduation.

**Appeals**

Decisions of the Academic Honor Policy Hearing Panel may be appealed to the Academic Honor Policy Appeal Committee, a standing four-member committee composed of two faculty appointed by the President and two students appointed by the Vice President for Student Affairs. The chair will be appointed annually by the President, and members will serve two-year renewable terms. In case of a tie vote regarding a case, the committee will submit a written report to the Provost, who will then make the final determination.

On appeal, the burden of proof shifts to the student to prove that an error has occurred. The only recognized grounds for appeal are:

1. Due process errors involving violations of a student’s rights that substantially affected the outcome of the initial hearing;

2. Demonstrated prejudice against the charged student by any panel member. Such prejudice must be evidenced by a conflict of interest, bias, pressure, or influence that precluded a fair and impartial hearing;

3. New information that was not available at the time of the original hearing;

4. A sanction that is extraordinarily disproportionate to the offense committed; or

5. The preponderance of the evidence presented at the hearing does not support a finding of responsible. Appeals based on this consideration will be limited to a review of the record of the initial hearing.

The procedures followed during the appeals process are:

1. The student should file a written letter of appeal to the Office of the Dean of the Faculties within 10 class days of the appellate hearing.

2. The Academic Honor Policy Appeal Committee will review this letter of appeal and will hear the student and any witnesses called by the student. The committee may also gather any additional information it deems necessary to make a determination in the case.

3. The Appeals Committee may affirm, modify, or reverse the initial panel decision, or it may order a new hearing to be held. This decision becomes final agency action when it is approved by the Provost. In cases where the student is found responsible, the decision becomes a confidential student record of academic dishonesty.

4. Appellate decisions are communicated in writing to the student, the instructor, the Office of the Dean of the Faculties, and the Dean of Students Department within 30 class days of the appellate hearing.

**Academic Honor Policy Committee**

An Academic Honor Policy Committee shall be appointed by the University President. The Committee will include: three faculty members, selected from a list of six names provided by the Student Senate Steering Committee, and three students, selected from a list of six names provided by the Student Senate. The Dean of the Faculties or designee and the Dean of Students or designee shall serve ex officio. Faculty members will serve three-year staggered terms, and students will serve one-year terms. The committee will meet at least once a semester. It will monitor the operation and effectiveness of the Academic Honor Policy, work with the Student Senate and the Faculty Senate to educate all members of the community regarding academic integrity, and make recommendations for changes to the policy.

**Amendment Procedures**

Amendments to the Academic Honor Policy may be initiated by the Academic Honor Policy Committee, the Faculty Senate, the Student Senate, and/or the Vice President for Academic Affairs. Amendments to the policy must be approved by both the Faculty Senate and the Student Senate.

**Grievance Procedure**

Students who allege that academic regulations and procedures have been improperly applied in specific instances may have their grievances addressed through the general academic appeals process. In this process, the student brings a complaint first to the instructor, then to the department chair, and finally to the academic dean appropriate to the course involved, stopping at the level at which the complaint is resolved. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculties for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. A graduate student whose complaint is unresolved must see the Dean of Graduate Studies prior to meeting with the Dean of the Faculties. The Student Academic Relations Committee has the authority to direct, through the Vice President for Academic Affairs, that corrective action be taken when justified.

**Grievance Procedure: Panama City Campus**

Students who allege that academic regulations and procedures have been improperly applied in specific instances may have their grievances addressed through the general academic appeals process. In this process, the student brings a complaint first to the instructor, then to the Panama City Associate Dean, and then to the Panama City Dean, stopping at the level at which the complaint is resolved. If no resolution is reached in Panama City, then the student will go to the department chair, and finally to the academic dean appropriate to the course involved, stopping at the level at which the complaint is resolved. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculties for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. A graduate student whose complaint is unresolved must see the Dean of Graduate Studies prior to meeting with the Dean of the Faculties. The Student Academic Relations Committee has the authority to direct, through the Vice President for Academic Affairs, that corrective action be taken when justified.

**University Ombudsperson**

The Office of the University Ombudsperson provides students of the University community an avenue for confidential exploration of decisions regarding academic issues. Once all other appropriate mechanisms have been exhausted, students may present their case to the University Ombudsperson. The ombudsperson is a neutral facilitator and will assist students with any academic problem or grievance that may arise during
their interaction with the University. While he/she may be an instrument for change, the ombudsperson does not resolve issues by any direct use of authority or power, but rather requests a reexamination of the problem.

**Notification of Students’ Rights under FERPA**

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights are:

1. The right to inspect and review the student’s education records within 45 days of the day the University receives a request for access. Students should submit to the registrar, dean, or head of the academic department (or appropriate official) written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading. Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write to the University official responsible for the record, clearly identifying the part of the record they want changed, and specify why it is inaccurate or misleading. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his/her professional responsibility.

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 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 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 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 that are exempted by law including records of law enforcement agencies of the University; employment records of the student within the University as long as the student’s employment is predicated upon his or her status as a student; 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.

**B. Subject to statutory conditions and limitations, prior consent of the student is not required for disclosure of certain types of information** for:

1. Officials of the University with a legitimate educational interest. A school official is defined as a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his/her professional responsibility;

2. Certain government agencies;

3. Accrediting organizations;

4. Certain financial aid matters;

5. Certain research circumstances;

6. Health and safety emergencies;

7. A court pursuant to order or subpoena, so long as the student is notified in advance of the University’s compliance; and

8. As otherwise provided by law.

**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).
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 the Faculty Handbook. When possible, students also must provide advance notice of absences, as well as relevant documentation regarding absences, to the instructor as soon as possible following the illness or event that led to the absence. Any arrangement to make up work because of class absence is the responsibility of the student. The instructor, who will explain the evaluation (grading) statement at the beginning of the term, determines the effect of absences upon grades.

Students must attend the section of the course for which they are registered. No instructor has the authority to permit a student to shift from one section of the course to another without following official drop/add procedures. No student may drop a course after the seventh week of classes without the permission of their academic dean.

The Director of Student Health Services does not issue excuses to students with medical conditions or accommodations for absences due to personal/family emergencies, or injury must be documented. Failure to adhere to the attendance policy may result in sanctions up to and including suspension from the student’s sport for the remainder of the season. This policy includes required attendance and completion of all final examinations or evaluations for each course in which the athlete is registered. Student-athletes must remain in good academic standing in order to maintain eligibility during post-season games, the upcoming semester, and future competitive seasons. Arranging to make up work missed because of legitimate class absence is the responsibility of the student.

Within the University there are several categories of students that are expected to exhibit behavior that conforms to the group to which they belong. These units include, but are not limited to, ROTC cadets, academic honor societies, veterans, athletes, and nursing majors. Membership within these units implies that the student agrees to fulfill the obligations of the organization.

Religious Holy Days

Per Section 1006.53, Florida Statutes, the Florida State University policy on observance of religious holy days provides that students shall, upon notifying their instructor, be excused from class to observe a religious holy day of their faith. While students will be held responsible for the material covered in their absence, each student shall be permitted a reasonable amount of time to make up the work missed. Instructors and University administrators shall in no way arbitrarily penalize students who are absent from academic or social activities because of religious holy day observance. Students who allege that this policy has been improperly applied in specific instances may have their grievances addressed through the general academic appeals process. In this process, the student brings a complaint first to the instructor, then to the department chair, and finally to the academic dean appropriate to the course involved, stopping at the level at which the complaint is resolved. If no resolution is reached, the student brings the complaint to the attention of the Dean of the Faculties for either resolution or referral to the Student Academic Relations Committee of the Faculty Senate. This committee has the authority to recommend to the Vice President for Academic Affairs that corrective action be taken when justified. Consult the ‘General Academic Appeals Process’ section of this chapter for a complete description.

Classification of Students

Students are classified on the basis of semester hours earned as follows:

- **Freshman**, zero (0) through twenty-nine (29) semester hours, classification 1;
- **Sophomore**, thirty (30) semester hours, classification 2;
- **Junior**, sixty (60) semester hours, classification 3;
- **Senior**, ninety (90) semester hours, classification 4;
- **Graduate**, any student admitted to a graduate program, classification 5;
- **Special Non-Degree Seeking without Baccalaureate Degree**, classification 6;
- **Special Non-Degree Seeking with Baccalaureate Degree**, classification 7;
- **Provisional**, classification 8 (graduate students only);
- **Transient**, classification 9; and
- **High School Students**, classification 0.

Special (Non-Degree Seeking) Student Regulations

Academic rules governing regular students (e.g., fees, drop/add, withdrawal, grading policies) also apply to special students with the following exceptions:

1. Special students may enroll for fewer than twelve (12) semester hours (underload) without permission;
2. In place of the retention schedule system for regular students, special students in classification six (6) must meet the following requirements: after attempting fifteen (15) semester hours, undergraduate special students must have achieved and must maintain a 2.0 (“C”) average in all courses attempted;
3. In place of the retention schedule system for regular students, special students in classification seven (7) must meet the following requirements: after attempting twelve (12) semester hours, graduate special students must have achieved and must maintain a 3.0 (“B”) average in all courses attempted;
4. Failure to achieve or maintain the appropriate grade point average (GPA) will result in a loss of registration privilege;
5. Special students may register for any course or courses on an S/U basis. Special students selecting courses for enrichment or other reasons where grades are not essential are advised to register on an S/U basis or on an audit basis;
6. Work taken as a special student carries no degree credit. Students seeking reclassification from special student to regular student status should consult the “Admissions” chapter of this General
**Undergraduate Course Examinations**

Final examinations in undergraduate courses are discretionary within any given department, but all students, including graduating seniors and graduate students, enrolled in an undergraduate course having a final examination are required to take the examination. The scheduling of a final examination, or a test in lieu of a final examination, at any time other than the regularly scheduled final examination period, is a violation of University policy. A final examination may not be given during the examination period at a time other than that which appears online at http://registrar.fsu.edu. Courses meeting every day at the same hour and classes meeting for more than one time period will hold examinations according to the time and day of the first scheduled class meeting of the week. For example, a class meeting for the first period on Tuesday and for the second period on Thursday will hold its examination at the exam time scheduled for the Tuesday first period.

Under special circumstances, exceptions to final examination policies for individual students will be given consideration by the academic dean of the college in which the course is taught.

**Exceptions to the Examination Policy for an Individual Undergraduate Student.** Approval by the academic dean of the school or college in which the course is taught 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, or other 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 be otherwise resolved, the course meeting earlier by day and time takes precedence over a course meeting later.

**Note:** The possibility of a conflict between final exam times exists, particularly for courses that meet in the evening or on only one day each week. It is the student’s responsibility to identify if a conflict exists and immediately make special arrangements with the instructor to take the exam at an alternate time. Conflicts not recognized one month in advance of the scheduled exam must be resolved by using the established make-up time.

**Exceptions to the Examination Policy for an Undergraduate Class.** No instructor of an undergraduate course may give a final examination during the separate examination period at a time other than that which appears online at http://registrar.fsu.edu, unless the instructor has obtained prior approval from the Undergraduate Policy Committee. Such approval must be requested, in writing, at least three (3) weeks prior to the scheduled final examination. To reschedule a final examination without such approval places the instructor in jeopardy of administrative reprimand by his or her dean and the Vice President for Academic Affairs.

### Grading System

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<th>Definition</th>
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<th>Quality Points Per Credit Hour</th>
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<td>Satisfactory</td>
<td>S</td>
<td>N/A</td>
</tr>
<tr>
<td>Unsatisfactory</td>
<td>U</td>
<td>N/A</td>
</tr>
<tr>
<td>Incomplete</td>
<td>I</td>
<td>N/A</td>
</tr>
<tr>
<td>Incomplete Expired</td>
<td>IE</td>
<td>0.00</td>
</tr>
<tr>
<td>No Grade Received from Instructor</td>
<td>NG</td>
<td>N/A</td>
</tr>
<tr>
<td>No Grade Expired</td>
<td>GE</td>
<td>0.00</td>
</tr>
<tr>
<td>Withdrawn while Passing</td>
<td>W</td>
<td>N/A</td>
</tr>
<tr>
<td>Withdrawn with Dean's Permission</td>
<td>WD</td>
<td>N/A</td>
</tr>
<tr>
<td>Examination Credit</td>
<td>EC</td>
<td>N/A</td>
</tr>
<tr>
<td>Departmental Examination</td>
<td>ED</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Grade Point Average**

Quality points are assigned for each semester hour as listed above. In computation of the required grade point average (GPA) for retention and conferral of a degree, the total number of quality points is divided by the total number of semester hours for which letter grades are received.
All regulations tied to a specific grade average should be interpreted to mean the numerical average associated with that specific grade. Hence, the required “‘C’ average or better” on all liberal studies courses is interpreted as “2.0’ average or better.”

Students may repeat courses in which they received a grade of “D” or “F.” Both the original and repeat grades will be used in the computation of GPA but credit for only one attempt will apply toward graduation.

A student will not be allowed additional credit and/or quality points for a course repeated in which the student originally made a “C–” or better unless the course is specifically designated as repeatable to allow additional credit. If a course listing is followed by a “r” it may be repeated, regardless of grade received, to the number of times or hours stated.

**Dean’s List**

Undergraduate students who are registered for at least twelve (12) semester hours of letter-grade (A–F) courses are eligible for the dean’s list. The required grade point average is 3.50, in all colleges, 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, 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 no later than the end of the seventh week of classes. No undergraduate courses in the College of Business are offered under this option.

With the exception of courses in the College of Business, a course outside a student’s major, minor, and liberal studies areas normally approved for letter grades may be elected on the S/U basis and, if completed with an “S” grade, will count toward the minimum semester hours credit required for graduation and upper-division distribution but will not be included in the grade point average. The course grade will be recorded officially as satisfactory (“S”) or unsatisfactory (“U”). Registration on an S/U basis is limited to one elective course per term (exclusive of physical education activity courses) and to a maximum total of eighteen (18) semester hours. (See exceptions under section B below.)

In addition to the one elective course, a student may elect to take concurrently a physical education course to be graded on the S/U basis by obtaining proper approvals prior to registration.

Students will be allowed seven weeks to decide whether or not they want to take a course on a satisfactory/unsatisfactory basis. They may change to S/U from a letter grade at any time before the end of the seventh week of the term. Courses initially elected on the S/U basis may be changed back to a letter-grade basis prior to the end of the seventh week of the term.

Approval forms are available in the Office of the University Registrar.

**B. Courses Approved on an S/U Basis**

Certain other courses that are approved for S/U grades exclusively (practicum, internship, laboratory, student teaching, individual work, research) may be applied toward the major or minor. There is no student option for courses approved on the S/U basis; all students must be graded 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 (in 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.

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**Grading Practices**

At the end of each term, a report of each student’s grades is made available through Florida State University’s campus.fsu.edu site.

Grades earned at another institution cannot be used to improve a grade point average or eliminate a quality point deficiency at Florida State University.

A student who is passing a course but has not completed all of the required work in the course at the end of the term may, in exceptional cases and with the permission of the instructor, be assigned a grade of “I.” This may include excused absences from final examinations. Grades of “I” are not assigned to any courses if a student withdraws from the University. Unless the instructor notifies the Office of the University Registrar of an extension in time, an “I” or an “NG” not removed by the end of the next term in which the student is enrolled will be recorded as “IE” or “GE;” both “IE” and “GE” are computed as an “F” in the student’s overall GPA. An “I” will be changed to a final grade at the time the student completes the required work. Students may not re-register for courses in which an incomplete grade (“I”) or no grade (“NG”) is pending. If they do so, the original “I” or “NG” will automatically be changed to “F.” This “F” grade is not repeatable and is so indicated on the student’s permanent record. A grade of “I” or “NG” in a course that is approved for “S” or “U” grades only that is not removed by the end of the next term in which the student is enrolled will automatically become “U,” unless the instructor notifies the Office of the University Registrar that there is to be an extension of time.

Once a final grade in a course has been reported by the instructor to the Office of the University Registrar, it cannot be changed by the instructor except in cases of error in recording. A change in a grade may be made only by permission of the department head and the dean of the college.

**Grade Appeals System**

The purpose of the grade appeals system is to afford an opportunity for an undergraduate or graduate student to appeal a final course grade under certain circumstances. Faculty judgment of students’ academic performance is inherent in the grading process and hence should not be overturned except when the student can show that the grade awarded represents a gross violation of the instructor’s own specified evaluation (grading) statement and therefore was awarded in an arbitrary, capricious, or discriminatory manner. The evaluation (grading) statement utilized during the grade appeals process is the one contained in the instructor’s syllabus at the beginning of the semester. This system does not apply to preliminary or comprehensive exams or to thesis or dissertation defenses; these issues are reviewed by the Student Academic Relations Committee via the Dean of the Faculties.

**Step 1.** Within 30 calendar days following the date that final grades are made available to students, the student must contact the instructor in question to discuss the grade and attempt to resolve any differences. The student should document any attempts to contact the instructor in order to establish that the appeal was begun within this 30-day period. In the event that the instructor is not available, the student should provide that documentation to the instructor’s program or department chair. It is expected that the student will first attempt to resolve the grade dispute with the instructor; however, either the student or the instructor may consult with the appropriate program or department chair during this process.

**Step 2.** If no resolution is reached within this 30-day period, after the student’s documented attempt, the student has an additional 15 calendar days to submit a written statement to the program or department chair. This statement must include an account of attempts to resolve the issue, as well as the evidence that forms the basis for the appeal.

Within 20 calendar days thereafter, the department or program chair will arrange for a meeting of a grade appeals screening committee composed of three students enrolled in the academic unit offering the course to review the appeal. Appropriate students who have no conflict of interest will be chosen to serve on this screening committee by a student organization associated with the program or department, if such an organization exists. If none
exists or if members of such an organization are not available, the
department or program chair will select appropriate students who
have no conflict of interest. Both the student and the instructor
may attend the meeting.
The role of the screening committee is solely to determine whether
the student has presented sufficient evidence to warrant further
review. Within five calendar days after this meeting, the screening
committee will render its decision in writing (recommend/do not
recommend further review) to the program or department chair,
the student, and the instructor. A negative decision will end the
appeal. A positive decision will trigger the next step in the process.

**Step 3.** Within 20 calendar days of a positive decision from the
grade appeals screening committee, the program or department
chair will appoint and arrange for a meeting of a grade appeals
board. This board is composed of three faculty members and two
students other than those who served on the screening committee.
The purpose of this board is to determine whether or not to uphold
the final grade assigned by the instructor. The board will consider
only the evidence provided by the student and the instructor in
making the determination. Both the student and the instructor may
attend the meeting.
The grade will be upheld unless the evidence shows that the grade
was awarded in an arbitrary, capricious, or discriminatory manner,
as a result of a gross violation of the instructor’s own evaluation
(grading) statement. If the original grade is not upheld, the board
will recommend that an alternative grade be assigned by the
program or department chair.
If the student has evidence that this grade appeals process has
deviated substantially from these established procedures, resulting
in a biased decision, the student may consult with the Dean of the
Faculties regarding referral to the Student Academic Relations
Committee.

### Forgiveness Policy
Effective Fall 2004, 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 re-
tention and continued enrollment at Florida State University. Satisfactory
academic progress includes, but is not limited to, successful comple-
tion of credit hours and progression toward completing a degree. The
University reserves the right not to retain students who do not demon-
strate satisfactory academic progress.

Students should refer to the table below indicating the necessary
grade point average (GPA) on all course work taken at 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 GPA range that will place the student on
academic warning or academic probation. Students who fail to resolve
probationary status will be dismissed at the end of the next semester for
which they are enrolled.

A minimum Florida State University GPA of 2.0 (“C”) or better and
an overall 2.0 GPA on all college-level work attempted is required for
graduation. “College-level work” is interpreted to mean course work at-
tempered at the college level, not to include vocational, technical,
or other courses not applicable toward a degree. Students should
maintain at least this minimum at all times to be in good standing. To be
retained in the University, a student must achieve an overall Florida State
University average at the end of each term which, in the judgment of the
University, is sufficiently near 2.0 to permit reaching the 2.0 average by
the beginning of the junior year.

<table>
<thead>
<tr>
<th>Attempted Hours</th>
<th>Warning GPA Range</th>
<th>Probation GPA Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1—15</td>
<td>1.5—1.999</td>
<td>Less than 1.5</td>
</tr>
<tr>
<td>16—30</td>
<td>1.75—1.999</td>
<td>Less than 1.750</td>
</tr>
<tr>
<td>31 or more</td>
<td>—</td>
<td>Less than 2.0</td>
</tr>
</tbody>
</table>

**Dismissal**: Failure to remove probation by the end of next term.
Under unusual circumstances and upon recommendation of the appropriate academic dean, a student withdrawing from the University may receive “WD” grades in all courses taken that term.

Students who cancel their enrollment during the first five days of classes for a term are not held liable for tuition and registration fees. Those who have paid are eligible for a full refund. Students who withdraw after the first five days of classes but prior to the end of the fourth week of classes are eligible for a twenty-five percent (25%) refund of tuition and registration fees, less the building and capital improvement fees; this deadline is adjusted for shorter summer terms. Students who withdraw after this deadline are fully liable for fees and are not eligible for a refund, except as provided in policies set forth by the State Board of Education and Florida State University. Students who receive Title IV funds and who decide to withdraw from the University may be required to repay some or all of the funds received.

A student wishing to reenter the University for the following two semesters after withdrawal must have the approval of their academic dean on the ‘Application for Withdrawal and Reenrollment’ form. For degree-seeking students wishing to reenter the University after two semesters, an application for readmission must be submitted to the office of Admissions; special students must complete the original application process. Formal application must be made to the Office of Admissions by the published deadline. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.)

International students who wish to withdraw must request and receive prior authorization from an International Center adviser. In addition, international students should submit the SEVIS Update Form, available at http://www.internationalcenter.fsu.edu/sevis...

For further information on refunds, see the ‘Refunds of Fees’ section in the “Financial Information” chapter of this General Bulletin.

Readmission After Multiple Withdrawals

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

Medical Withdrawal

When a student has been granted more than one medical withdrawal, the Medical Withdrawal Committee will send a letter to the student noting that further withdrawal requests may not be considered. The student is requested to evaluate with his or her medical provider the number of hours he or she is capable of handling prior to registration.

Note: At the time of this publication, this policy was under review. Students should visit http://withdrawal.fsu.edu/medical.html for the most current information.

Guidelines for Field Placement Fitness

These guidelines apply to all student field placements, including internships, practicum experiences, and student teaching. The University has the authority to determine both the fitness of its students to be placed in field placements and the suitability of particular field placement sites. The academic judgment of qualified faculty, on issues relevant to the professional requirements of a given field, is critical to this process.

Students may either be denied a field placement or removed from a placement on the basis of the academic judgment of qualified faculty. Students have the right to be informed of the academic and non-academic requirements for obtaining a field placement early in their majors. They also have the right, except in emergency cases, to receive notice of their deficiencies and an opportunity to correct those deficiencies prior to a final decision. Students should consult the information provided by each specific college, department, or academic program of interest for more detailed information.

FACTS Information

All current and prospective students of higher education in the state of Florida may access the FACTS (Florida Academic Counseling and Tracking for Students) Web site. By logging on to 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
- 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 Florida State University. That is, rules regarding student dismissal, reinstatement, and all general academic qualifications at the University are governed and enforced by the primary major, and that major’s corresponding academic dean. Conflicts between primary and secondary major policies shall in all cases be resolved in favor of the primary major. Second major academic deans shall only be concerned with the student’s completion of all requirements, pre-requisites, etc., for that second major.

Correspondence Study

All correspondence instruction for the State of Florida, Division of Colleges and Universities, is administered through the University of Florida’s Division of Continuing Education, Department of Independent Study by Correspondence.

College credit, high school credit, and continuing professional education courses are available anytime, anywhere through regular mail and fax (some by e-mail). Independent Study offers more than 150 courses to students who would like either a flexible schedule or an opportunity to take extra classes. It is possible to enroll any time during the year.

Regularly enrolled students may not engage in correspondence study while in residence at the University. Students who expect to take correspondence courses during a break in residence should discuss these plans with their faculty adviser and then obtain written approval from their academic deans.

Correspondence courses may be taken while a student is ineligible to return to the University for academic reasons, but such courses may not be counted toward an undergraduate degree.


Any teacher in the State of Florida can now use credit correspondence courses, as appropriate, to apply toward the recertification of their teaching licenses. Moreover, there is no limit to the number of courses that may fulfill the requirements.

The current catalog details enrollment procedures, fees, and course information. Call or write now for your free copy; University of Florida, Department of Independent Study, Division of Continuing Education, Suite D, 2209 NW 13th Street, Gainesville, FL 32609; (352) 392-1711 Ext. 200; or e-mail: Learn@nervm.nerdc.ufl.edu. Additional information can be found at their home page: http://www.correspondencestudy.ufl.edu. Catalogs can also be picked up at Florida State University’s Center for Professional Development or from the student’s academic dean.
Experimental Undergraduate Programs

The Undergraduate Policy Committee is empowered to authorize substitution of experimental courses or programs for any University-wide academic requirements, provided that:
1. No substitution continues for more than 18 months without full senate approval;
2. No student be enrolled in such an experimental program without the student’s prior knowledge and consent; and
3. No requirement that a student has met by means of such an experimental program be affected, for that student, by subsequent decisions about the permanent status of the program in question, and that the Undergraduate Policy Committee and the Office of the University Registrar be empowered to institute appropriate means for designating and recording the use of such programs on individual students’ records.

Transfer Credit

Transfer credit is normally allowed for courses completed at or through other regionally accredited institutions of higher learning. No credit, however, is allowed for subcollege-level course work, or for course work completed with grades below “D-”, and only up to six (6) semester hours of technical or vocational credit may be approved by the baccalaureate academic dean toward the baccalaureate degree. Associate in arts (AA) degree recipients from Florida public institutions are guaranteed acceptance of at least sixty (60) semester hours of college credit toward the baccalaureate degree. The University does not accept experiential learning, or award credit for experiential learning. Transfer credit based on experiential learning from another institution will not be accepted.

Credit earned from Florida public institutions will be evaluated on the basis of the Common Course Numbering System. Those courses judged equivalent will be accepted for transfer credit. Courses are judged equivalent when the prefix and the last three numerical digits of the course number are the same. Thus, THE 1234 taken at one institution is equivalent to THE 3234 at another institution. Courses not judged equivalent may be accepted for transfer credit at the discretion of the baccalaureate academic dean.

All grades earned at other regionally accredited institutions are entered on a student’s record at the time of transfer exactly as earned. Such grades are averaged separately from grades earned at Florida State University.

Students entering Florida State University without credit in college algebra will be required to take, or exempt, MAC 1105, MGF 1106, or MGF 1107.

Courses with the prefix “MGF” at or above the level of x106 will be accepted for transfer credit (hours allowed toward graduation). For students transferring from junior or senior institutions that stipulate 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.

Programs for Acceleration

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 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 forty-five (45) semester hours of credit toward total baccalaureate degree requirements.

Students earning credit by examination must still satisfy departmental major and/or minor requirements. The University’s course work requirement of forty (40) semester hours in courses numbered 3000 and above, and the Section 1007.25, Florida Statutes, writing requirement (see the “Undergraduate Degree Requirements” chapter of this General Bulletin).

Credit toward the baccalaureate degree will not be granted for courses taken that are judged equivalent to credit already earned through one of the examination programs and vice versa. In addition, duplicate credit by examination will not be awarded.

A course may not be dropped in anticipation of receiving examination credit. The successful score must be in hand at the time the request is made to drop an equivalent course.

Credit earned by examination may be declined. Students must notify the Office of Admissions of this intention as soon as possible after successful scores have been received.

In accordance with the articulation agreement, students who have earned CLEP credit in partial fulfillment of the requirements for the AA degree from a Florida public institution will be awarded credit on the basis of their presentation of the AA degree. An individual evaluation will not be made.

Transfer students who have completed a general education program at a Florida public institution and whose transcript is so marked will be considered to have completed the Liberal Studies Program at Florida State University. A second evaluation of CLEP credits in the liberal studies areas will not be made.

Credit for Nontraditional Courses, Including Short Courses

Nontraditional courses have many different purposes, including the recertification of persons for various subject matters and professional specialties. Short courses for credit shall have the same number of contact hours as do regularly scheduled courses; i.e., a one-hour course must have fifteen (15) total contact hours; a two-hour course must have thirty (30) total contact hours; a three-hour course must have forty-five (45) total contact hours. Alternatively, other nontraditional courses/settings must have an appropriate substitute(s) for the above contact hours, e.g., distance learning might include student/teacher interaction, student interaction with professor-designed materials, or other appropriate interactions. In no case can credit be given with less student participation than the above hours stipulate. Any alternative course(s) must document equivalency with traditional course(s) when such traditional courses exist.

Courses that follow nontraditional scheduling patterns, such as running over from one term to the next, may be scheduled through the Center for Professional Development and Public Service or through the Office of the University Registrar. Course hours must be scheduled in keeping with the above policy on credit for nontraditional courses, including short courses, adopted by the Faculty Senate.
**Advanced International Certificate of Education (AICE)**

Students who have completed AICE examinations should submit their official score reports to Florida State University. Refer to the AICE Table at the end of this chapter for college course equivalents and credits earned.

**Advanced Placement (AP)**

Students who have participated in the AP Program in high school and received a score of three (3) or better on the national examinations will receive college credit in the appropriate subject areas. Refer to the AP Table at the end of this chapter for college course equivalents and credits earned.

**International Baccalaureate (IB)**

Students in an IB Program 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. Refer to the IB Table at the end of this chapter for college course equivalents and credits earned.

**College-Level Examination Program (CLEP)**

Students may earn credit in lieu of course work for CLEP. No credit will be awarded for a subject matter examination if the student has already earned any course credit in the subject area; e.g., a student may not earn credit in the American Government Examination if a course has been taken in college (junior or senior institution) in that area. Refer to the CLEP Table at the end of this chapter for college course equivalents and credits earned.

**English Credit Through SAT/ACT**

Students who score 650 or higher on the verbal/critical reading portion of the SAT or 29 or higher on the English portion of the ACT will be granted three (3) semester hours of credit equivalent to ENC 1101.

**Mathematics Credit Through SAT/ACT**

Students who score 680 or higher on the mathematics portion of the SAT or 30 or higher on the mathematics portion of the ACT will be granted three (3) semester hours of credit equivalent to MAC 1105.

**Departmental Examinations**

Departments and programs of the University may offer examinations for academic credit in lieu of course work to undergraduate students upon request. Interested students should consult with their colleges or departments concerning the availability of examinations in lieu of specific courses.

**General Credit Limitations**

Courses taken by correspondence through the State of Florida, Division of Colleges and Universities, approved off-campus courses, and/or courses evaluated and recommended as suitable for credit by the American Council on Education (ACE) may be accepted by the University. The number of hours of such courses acceptable in any individual case is at the discretion of the academic dean. The total number of such courses accepted cannot exceed thirty (30) semester hours.

An undergraduate student may be granted a baccalaureate degree under degree requirements specified in the General Bulletin at the time of admission, insofar as course offerings will permit, provided the student graduates within a period of six years from date of first entry to the University. A student may elect instead to meet the degree requirements specified in any subsequent General Bulletin covering a period of the student’s enrollment.

Up to six (6) semester hours of cooperative education credits will be accepted provided they are certified as academic credits by the sending institution.

When credits are more than 10 years old they are subject to reevaluation by the appropriate dean before they can be applied toward graduation.

For credit limitations on graduate degrees, refer to the Graduate Bulletin.
### AICE Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

<table>
<thead>
<tr>
<th>AICE Exam Names</th>
<th>Level</th>
<th>A, B, C, D, E</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCOUNTING</td>
<td>AS-Level</td>
<td>ACG 1001 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>ACG 1001 (3) ACG 1004 (3)</td>
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<tr>
<td>ART AND DESIGN</td>
<td>AS-Level</td>
<td>ART 1300C (3)</td>
</tr>
<tr>
<td></td>
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<td>ART 1300C (3) ART 1201C (3)</td>
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<td>BIOLOGY</td>
<td>AS-Level</td>
<td>BSC 1005 (3) BSC 1005L (1)</td>
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<td></td>
<td>A-Level</td>
<td>BSC 2010 (3) BSC 2010L (1) BSC 2011 (3)</td>
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<td>BUSINESS STUDIES</td>
<td>AS-Level</td>
<td>GEB 1011 (3)</td>
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<td>A-Level</td>
<td>GEB 1011 (3) GEB 1012 (3)</td>
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<td>CHEMISTRY</td>
<td>AS-Level</td>
<td>CHM 1020 (3) CHM 1020L (1)</td>
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<td>A-Level</td>
<td>CHM 1020 (3) CHM 1045 (3) CHM 1045L (1)</td>
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<tr>
<td>COMPUTING</td>
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<td>CGS 2060 (3)</td>
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<td>A-Level</td>
<td>CGS 2060 (3) CGS 1074 (3)</td>
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<td>DESIGN and TECHNOLOGY</td>
<td>AS-Level</td>
<td>ETI 1482C (3)</td>
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<td>A-Level</td>
<td>ETI 1482C (3) ETI 1930(3)</td>
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<tr>
<td>ECONOMICS</td>
<td>AS-Level</td>
<td>ECO 2000 (3)</td>
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<td>A-Level</td>
<td>ECO 2013 (3) ECO 2023 (3)</td>
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<td>ENGLISH - LANGUAGE OR LANGUAGE &amp; LITERATURE</td>
<td>AS-Level</td>
<td>ENC 1101 (3)</td>
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<td>ENGLISH - LITERATURE IN ENGLISH</td>
<td>AS-Level</td>
<td>ENC 1101 (3) ENC1102 (3)* or ENC 1102 and LIT 1005 (3)*</td>
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<td>AS-Level</td>
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<td>A-Level</td>
<td>GEO 2200 (3) GEO 1400 (3)</td>
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<td>HISTORY - AMERICAN</td>
<td>AS-Level</td>
<td>AMH 1000 (3)</td>
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* Based on previous credit earned.
### AP Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

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* Based on previous credit earned.
## IB Scores and University Course Equivalents

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Credit may be awarded for other exams based on content and score.
### CLEP Scores and University Course Equivalents

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<td>CGS 2060 (3)</td>
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<td>ECO 2013 (3)</td>
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<td>MAN 2021 (3)</td>
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STUDENT SERVICES

Florida State University students engage in a supportive and challenging environment designed to maximize learning and success. The University provides opportunities for student growth in the areas of social and cultural awareness, physical well being, intellectual expansion, and spiritual and moral growth. The University is committed to creating a sense of community among students, faculty, and administrators that embodies respect, responsibility, and acceptance of all people.

Division of Student Affairs

Vice President for Student Affairs: Mary B. Coburn
Associate Vice President for Student Affairs: Eric Wedly
Associate Vice President for Student Affairs: Liz Maryanski

The goals of the Division of Student Affairs are to facilitate student development, celebrate differences, and promote civic and global responsibility in both formal and informal educational experiences. The Vice President for Student Affairs and staff are responsible for the following departments:

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

University Housing and Child Development Programs

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

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

Assessment Services
Bicycle Parking
Parking and Bus Services
Postal Services
Public Safety
Radio and Television
Seminoles 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, A1100, helps students in all phases of their career development. The center’s Curricular-Career Information Service unit helps students explore their skills, interests, and values and select appropriate academic programs and occupations to reach their career goals. The center’s career library provides students access to both computer-based and print career assessment and information resources. The Career Experience Opportunities Program helps students explore career choices through various preprofessional internships and cooperative education work experiences. Students near the end of their academic programs find help in the Career Placement Services unit that administers the on-campus recruitment program and helps students develop effective job search techniques. Placement services are offered also through the Career Center in the colleges of Business and Engineering. The Career Center also has developed a state-of-the-art online Career Portfolio that enables students to document their skills throughout their academic career. For further information regarding Career Center programs and services, please visit our Web site at http://www.career.fsu.edu.

Child Care

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

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

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

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

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

Community and Public Service

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

The center administers the FSU ServScript program, which allows students to record their community service hours on their official academic transcript. A transcript is a direct reflection of a student’s collegiate career to potential employers and graduate and professional schools. 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 Youth Program mentors and are placed in Leon County schools to improve reading skills. In addition, service events include the Service Leadership Seminar, Seminole Service Days, and Make A Difference Tallahassee. The center also coordinates weekly, student-led Outreach Projects that serve area nonprofit agencies. The center houses several student service organizations, which include: Alternative Break Corps, FSU Service Corps, Habitat for Humanity, and International Medical Outreach.

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 Rosenbloom Scholarship.

For more information, contact the Center for Civic Education and Service, Division of Student Affairs, 930 W. Park Ave., Tallahassee, FL 32306-4180; (850) 644-3342; Fax (850) 644-3362; Web site: http://www.serve2learn.fsu.edu; email: service@admin.fsu.edu.

Assessment Services

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

StudentsFirst

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

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

Seminole Dining

Seminole Dining offers a variety of dining options for students, faculty, staff and guests. Choose from national brand favorites Pollo Tropical, Einstein Bros. Bagels, Boar’s Head Deli, Quiznos, Starbucks, or try FSU’s own 24-hour Park Avenue Diner.

- **Residential Restaurants**—featuring unlimited servings of freshly made-to-order food.
  - Athletic Training Table—University Center D
  - Suwannee Room—William Johnston Building between Bryan and Reynolds Hall
  - Fresh Food Company—between Stone Building and Salley Hall

- **Retail Locations**
  - Einstein Bros. Bagels—Oglesby Union
  - ZIA Juice—Oglesby Union
  - Miso Sushi and Noodle Bar—Oglesby Union
  - Quiznos—Oglesby Union
  - Hardee’s—Oglesby Union
  - Pollo Tropical—Oglesby Union
  - Park Avenue Diner—Woodward and Park Avenues in Student Services Building
  - Chill’s—Oglesby Union

- **Convenience Stores**
  - Trading Post—Oglesby Union
  - Boar’s Head Deli & Convenience Store—William Johnston Building

- **Starbucks**
  - Wildwood and Woodward Avenue
  - FSU Bookstore
  - College of Medicine
  - Stroz Library
  - Barrister’s Bistro—College of Law

All dining locations accept cash, Garnet Bucks, Flex Bucks, Visa, MasterCard, and the FSU Card. Meal Memberships (prepaid amount of meals) are available at The Suwannee Room and Fresh Food Company. Visit the Customer Service Office to sign up for a Meal Membership or to add money to a Garnet Bucks account. New locations are always in the works; for updated information on all Seminole Dining has to offer, please visit http://www.seminoledining.com, or call (850) 644-3663.

Health Care

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

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

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

Students interested in joining a student organization that can make a difference should consider the TSHC Healthy Campus 2010 Student Committee. This group meets monthly to discuss health center operations and makes recommendations to administration to improve services and better meet the needs of our students.

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

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

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

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

Counseling Services

The University Counseling Center (UCC), a department in the Division of Student Affairs, provides counseling services and programs to help students achieve and maintain a healthy state of mind, enabling them to
function academically to the best of their ability. Individual counseling is offered on a time-limited basis; group counseling is unlimited. The UCC also provides psychiatric consultation. These services are available to all fee-paying FSU students and to TCC students who purchase a health card. Students who are aware that they will require long-term treatment are encouraged to make arrangements for private care in the community and to continue living in the University; however, The University Counseling Center’s staff will make referrals for ongoing treatment in the Tallahassee community, if necessary. Treatment outside the center will be at the student’s expense. Counseling sessions are by appointment except in cases of emergency. Records of visits to the UCC are strictly confidential and are not included in the student’s University records. Information concerning use of the UCC will not be released to anyone without written permission from the student involved unless there appears to be clear and imminent danger to the student or others. Outreach programs on a number of topics are available to faculty, staff, residence halls, sororities, and fraternities. Interested persons can complete the online request form at http://www.counseling.fsu.edu.

The University Counseling Center is located in the Student Life Building, suite 201. Hours of operation are Monday through Friday 8:00 a.m. to 5:00 p.m. To schedule an appointment, call (850) 644-2003 or come by the UCC. The University Counseling Center is accredited by the International Association of Counseling Services, Inc.

The Florida State University Psychology Clinic provides scientifically supported therapy services for a variety of client concerns, including problems related to anxiety, depression, 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 stability requires students 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 prepare immigration forms, counsel students and scholars as to their obligations under the United States Department of Homeland Security and U.S. Department of State rules, and serve as a liaison between students and these agencies. The IC also serves international students, visiting scholars, and their families by orienting them to the University and the community and advising them in personal, social, and financial matters. The IC staff plans and conducts various workshops and programs to address the needs of international students, as well as to help train faculty and staff to better serve those needs.

Every semester the IC also awards out-of-state undergraduate tuition waivers based on academic merit (GPA). The number of awards depends upon the amount of funds allocated each year by the Board of Governors, as well as the number of eligible applicants. Please refer to our Web site for eligibility requirements and the application form: http://ic.fsu.edu. In addition, the IC offers the following programs that promote cultural awareness and understanding:

- **International Friends Program**—A program that links international students with community members
- **Global Ambassadors Program**—A service that arranges for international students to speak on campus and in the community
- **Global Gatherings**—A discussion series on international topics
- **International Women’s Group**—A social support group for wives and young children of international students and scholars
- **International Bazaar**—An annual event featuring food, cultural displays, and performances
- **English Conversation Club**—Informal classes to learn and practice conversational English (open to students, family members, and friends)
- **Global Cafe**—A weekly lunch In the Spring and Fall semesters featuring cuisine and culture from different countries and regions
- **IC Art Gallery**—An exhibition space for international artists from FSU and the community
- **Beyond Borders**—International service and cultural exchanges coordinated through the center with the University of Costa Rica, the University of the West Indies and the Technical University-Dresden (Germany)
- **Coffee Hour**—A chance to unwind while enjoying good company, great conversation, and coffee or tea; meets on Fridays
- **International Education Week**—A national event held in November to celebrate international education in the U.S.; campus-wide events and activities are coordinated by the center and held throughout the week

The International Center is located at 107 South Wildwood Drive. Call (850) 644-1702 or refer to http://www.fsu.edu for information.

Center for Academic Retention and Enhancement (CARE)

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

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

College Programs

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

Pre-Collegiate Programs

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

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

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

The Office of Parking and Transportation Services is responsible for the administration of the parking and transportation program on campus. The University requires students, staff, and faculty who park on campus to display a valid Florida State University parking permit. Temporary permits are available when needed. Enforcement hours are from 7:30 a.m. to 6:30 p.m., Monday through Thursday, and 7:30 a.m. through 4:30 p.m. on Fridays. Temporary permits are distributed by Parking Services, located at University Center C5400, 7:30 a.m. to 4:30 p.m., Monday through Friday. Student permits must be obtained online at http://parking.fsu.edu.

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

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

Bicycle Parking

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

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

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 Florida State University Police. The burden of proving ownership shall rest upon the person claiming the bicycle. Bicycles not claimed within thirty (30) days shall be considered abandoned and will be disposed of in accordance with State and University rules governing abandoned property. For more information on bicycle registration, where to park your bike, and how to operate it safely, please contact 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 5406, Tallahassee, FL 32306-2532.

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. All students holding University Post Office boxes should notify the University Post Office of any change of address when leaving campus.

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

Public Safety

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. Police operations provide motor vehicle, bicycle, and foot patrol of the campus 24 hours daily. The campus police department, comprising 62 sworn law enforcement officers, promotes campus safety by presenting public safety programs in classes, residence halls, and Greek and scholarship houses. The department also provides investigative expertise in matters involving violations on campus of municipal ordinances and applicable federal and state laws.

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

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

SAFE Connection provides several free services to all FSU students and faculty. SAFE Connection escorts students to and from all areas on campus and selected off campus locations. SAFE Connection hours of operation are from dark until 3:00 a.m. Please don’t drink and drive; call 644-SAFE and let SAFE Connection get you home safely.

The Blue Light Trail, comprising over 317 strategically placed poles with emergency call boxes and blue signal lights, provides areas of safety and enables FSU Police to find callers quickly and easily; additional blue lights currently are under construction as part of ongoing renovation and new construction projects. By pressing the call box button, students are connected with the campus police dispatcher. Students should take note of where the lights and call boxes are located and plan their routes at night accordingly.

Radio and Television

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

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

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

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

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

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

Anyone enrolled at Florida State University or in the FAMU/FSU Cooperative Program is eligible to work for WVFS. Most staff members work on a volunteer basis; however, in some instances class credit can be earned through Department of Communication courses. Students with writing, sales, public relations, and audio production skills are welcome,
Recreation and Sports

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

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

The Intramural (IM) Office is a resource for over 50 intramural programs. Separate divisions for various ability levels keep competition fair and fun. Coed programs and recreational divisions are designed for those who enjoy sport as a social activity. The office also hires students to officiate and to supervise intramural games.

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

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

Dean of Students Department

The primary focus of the Office of the Dean of Students is to support the academic mission of Florida State University and the Division of Student Affairs by providing services, programs, resources, and advocacy for the needs and interests of all students. This includes advocacy for students reporting alleged sexual harassment. Staff members provide educational opportunities for students to develop their values, decision-making skills, and leadership capabilities. For more information, contact Dean of Students Department at 4300A University Center, call (850) 644-2428, or visit http://www.deanofstudents.fsu.edu.

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

The Orientation Office offers different sessions each year to accommodate the needs of incoming students. Every undergraduate student new to Florida State University is required to attend an orientation session prior to enrollment. During orientation, students are given essential information regarding University policies and procedures, academic opportunities and requirements, and community values and standards. They also meet with an academic adviser and register for courses. Additionally, orientation participants have a chance to ask questions or discuss their concerns in small groups, which are led by trained student orientation leaders. For more information about the orientation program at Florida State University, call (850) 644-2785, or visit http://www.orientation.fsu.edu.

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

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

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

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

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

Student Government

The Student Government Association (SGA) is the student’s voice at Florida State University. SGA allocates approximately $9.2 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) 644-1011, or visit http://www.sga.fsu.edu.

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

The purpose of the FSU Service Corps is to act as a liaison between the students and service organizations within the campus and community. The center’s goal is to provide students with opportunities that will
help them develop new skills, new interests, and new friends—thereby enhancing the quality of their college experience. The bureau is committed to providing 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 computer labs for students, funds graduate organizations, and sponsors a variety of programs. For further information, call (850) 644-7166 or stop by 242 SLB.

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

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

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

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

The Alumni Village Child Development Center provides day care for Florida State University students and faculty with children between the ages of 2 to 5 years. The center is also an excellent source for work experience in early childhood development and observational research. (850) 644-8305.

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

Oglesby Union, Student Life Building, and Flying High Circus

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

The Oglesby Union coordinates multiple University-wide events including Seminole Sensation Week, Homecoming, Parents’ Weekend, and Family Weekend. Seminole Sensation Week welcomes incoming and returning students the week prior to the beginning of fall semester classes. The events and activities provide students with an opportunity to learn more about campus life. Homecoming builds spirit on campus and in the community for Florida State University and welcomes alumni back. Student organizations come together to participate and compete in Homecoming activities. Parents’ and Family Weekends welcome parents and families to campus to share in the FSU experience with their students. Parents’ Weekend is in the fall, and Family Weekend is in the spring.

The Student Activities Center (SAC), home to several student organizations, is located on the third floor of the Oglesby Union. Two major components of the SAC include Student Organization Services and Union Productions. Student Organization Services provides student support services for over 450 registered clubs and organizations. The Student Activities Center staff provides training and development for students and advisers, as well as monthly programs and activities. In addition, students can take advantage of resources such as copying, faxing, storage space, campus mailboxes, and meeting space.

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

The Student Life Center (SLC) houses the Congress of Graduate Students (COGS), the National Pan-Hellenic Council (NPHC), University Housing, and the Counseling Center. The Student Life Cinema is a 380-seat theatre. The Reel Café in the lobby of SLC serves as a café as well as a computer gaming area for students.

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.

For more information on the Oglesby Union and all of the departments mentioned above, please visit http://union.fsu.edu.

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.
UNIVERSITY HONORS OFFICE AND HONOR SOCIETIES

Florida State University has a long history of providing recognition and support for outstanding students, beginning with a directive from a faculty committee in 1932. The program’s purpose, as described in a report to the President and the Faculty Senate, was “to provide enlarged opportunities for...students; to give them a challenge and an incentive; to develop initiative, resourcefulness and self-reliance; to present knowledge in terms of fields, not courses.” (Report on Honors Work, FSU Archives, 12/21/32)

Since then, the scope and focus of honors work at Florida State University has evolved over the years to address the changing needs of those students who demonstrate high academic achievement. The information below provides an overview of the opportunities available to students who choose to participate in the University Honors Program.

University Honors Office

Director: Helen M. Burke;  
Associate Director: Diane J. Dowling;  
Assistant Directors: Jeanette Adams Dümmer, Margaret R. Allen

The University Honors Office supports the University’s long tradition of academic excellence by offering two programs, the University Honors Program and the Honors in the Major Program, that highlight the institution’s strengths in teaching, research, and community service. Please visit http://honors.fsu.edu for more information.

University Honors Program

The University Honors Program is designed for students who are entering full-time college studies for the first time. The program is intended to help the University’s most talented students develop into excellent scholars, leaders in their communities, and innovators in their professions. To do this, the program encourages students to take advantage of the special opportunities available at Florida State University because of its status as a major research university and its role in the community. Students who pursue honors credit through courses and honors-level project work that focuses on research, creative activity, or community service may earn the Honors Medallion. A student receives the medallion when she or he accumulates eighteen (18) semester hours in honors courses and approved honors project activities (some non-credit activities may be substituted with the approval of the Director of the University Honors Office). The medallion may be worn during the University’s commencement exercises. In addition, this achievement is noted on the student’s transcript.

Honors Courses. Honors courses, with their small class sizes, allow students to build relationships with faculty members who can become mentors and research advisors. Honors courses are divided into two categories, honors sections of regular courses and honors seminars. Honors sections of regular courses fulfill liberal studies or University requirements, as do all honors seminars. Honors sections of regular courses are usually limited to 25 students each. Honors seminars are three (3) semester hour special topics courses that count toward graduation and fulfill liberal studies and Gordon Rule requirements in the humanities (HUM 2937r), natural sciences (ISC 2937r), or social sciences (ISS 2937r). Seminars are typically limited to 15 honors students.

University Honors Colloquium. The University Honors Colloquium is required for honors students during their first Fall semester at 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 introduces students to the culture and opportunities of a modern research university.

Honors-Augmented Courses. In some cases where regular honors sections of courses cannot be made available, the faculty agrees to offer honors-augmented courses. These are regular courses open to all students in which the professor has agreed to engage in special projects with honors students for honors credit. Honors-augmented courses are arranged in advance by the University Honors Office.

Honors Medallion Requirements. A minimum of nine (9) semester hours of honors course work (including honors sections of regular courses, honors seminars, the honors colloquium, and honors-augmented courses) is required to earn the Honors Medallion. A student may complete the remainder of the eighteen (18) semester hours of honors credit required for the medallion through any combination of further honors course work, honors directed individual study (DIS), honors in the major work (also known as honors thesis), and non-credit project activities (research, creative activity, or community service) approved by the Director of the University Honors Office. To count toward the Honors Medallion requirements, an honors course must be completed with a grade of “C–” or better. Honors-augmented courses will be counted toward the medallion if a grade of “B–” or better is earned and the honors-augmented project is completed satisfactorily. Students using honors thesis hours toward the medallion must earn a “B–” or better.

Honors DIS. A student begins enrolling for an honors DIS by registering for a graded DIS in the appropriate department. Next, the student requests honors credit for the DIS from the Director of the University Honors Office. This request is made using the honors DIS application available from the University Honors Office, or from the University Honors Program Online Organization Blackboard, which is part of the University’s online learning Web site, http://campus.fsu.edu. The application must be submitted to the University Honors Office by the first day of the semester for which the DIS will be registered. The Director of the University Honors Office will decide whether to accept or deny the application for honors credit based on the content of the application. The honors DIS is intended to be a project that meets the following five (5) standards:

1. The work must demonstrate intellectual initiative;
2. The work must demonstrate engagement with the scholarship in the subject of the DIS, whether the work of the DIS is research, creative activity, or community service;
3. The DIS must be graded;
4. The DIS must be directed by a permanent member of the teaching faculty. An assistant, associate, or full professor would qualify; and
5. The DIS must involve at least thirty (30) hours of work for each credit hour awarded.

Progress toward the Honors Medallion through Honors in the Major. Students may use credits earned in the Honors in the Major Program toward the Honors Medallion. The Honors in the Major Program is described below.

Progress toward the Honors Medallion through Non-credit Honors Project Activities. The Director of the University Honors Office may allow a student to earn progress toward the Honors Medallion with project work that does not involve registration for formal academic credits. This request is made using the honors non-credit project application available from the University Honors Program Blackboard. The application must be submitted to the University Honors Office by the first day of the semester in which the non-credit project will be done. The Director of the University Honors Office will accept or deny the application for progress toward the Honors Medallion credit based on the content of the application. Progress toward the Honors Medallion can be granted for a non-credit project that meets the following four (4) standards:

1. The work must demonstrate intellectual initiative;
2. The work must demonstrate engagement with the scholarship in the subject of the project, whether the work of the project is research, creative activity, or community service;
3. The project must be directed by a permanent member of the teaching faculty. An assistant, associate, or full professor would qualify; and
4. The project must involve at least thirty (30) hours of work for each credit hour-equivalent of progress allowed toward the Honors Medallion.

Policies & Information

http://campus.fsu.edu
Admission Requirements

Standard admission. Students who are accepted to enter Florida State University as freshmen will be invited to apply to 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 Florida State University’s 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.

Lateral 3.80 GPA admission. Any incoming freshman student who achieves at least a 3.80 GPA on a minimum of twelve (12) graded hours of course work during their first Fall semester at the University are eligible for admission to the honors program, effective the following Spring.

Note: Students meeting this requirement must contact the University Honors Office no later than the drop-add period during the Spring semester.

Retention

Students must enroll in and pass the University Honors Colloquium during their first Fall semester in the University Honors Program. In addition, students must maintain at least a 3.20 cumulative GPA and make progress toward completion of the program.

Honors Housing

The Honors Residence Complex provides an excellent environment for honors students to socialize and study together. Since many students share the same courses, both planned and spontaneous study sessions are common.

Students admitted into the University Honors Program may request housing in Landis Hall, an honors-only residence; however, honors students are not required to live on campus. Students wishing to live in Landis Hall must submit a separate housing application listing this residence 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. Please refer to the “Housing” chapter of this General Bulletin for additional information concerning Landis Hall.

Acceptance into the University Honors Program does not guarantee University housing, in Landis Hall 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 and departments of Florida State University offer the Honors in the Major Program, which is intended to encourage talented juniors and seniors to undertake significant independent and original scholarship as part of the undergraduate experience in a framework similar to that of a thesis-based master’s degree program. The goal of the program is the completion and defense of an honors thesis. Completion of the Honors in the Major Program is recognized by the distinction of graduating “with Honors,” as designated on the transcript. Honors thesis work is carried out by the student over a period of two or three semesters in collaboration with a thesis director and two or three other faculty members who serve on the student’s honors thesis supervisory committee. The Honors thesis project culminates with the thesis defense before the honors thesis committee.

Eligibility

The University Honors Office requires that prospective students have at least sixty (60) semester hours and at least a 3.20 cumulative GPA. Transfer students must have a 3.20 overall GPA, including all transfer work, and a 3.20 GPA on at least twelve (12) Florida State University semester hours. Students should note that they may choose not to count credits that are five (5) or more years old, as long as the most recent sixty (60) semester hours average 3.20; for transfer students, the GPA must be at least 3.20 on twelve (12) semester hours completed at Florida State University. Since some departments set higher requirements, students interested in the Honors in the Major Program should also check with their academic major advisers.

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 title, sufficient time prior to graduation to complete the project, a thesis director, and the approval of the chair or director of the academic department or program in which the student is majoring. Detailed information on procedures for initiating and completing the Honors in the Major Program can be found at the program Web site, http://honorsinthemajor.fsu.edu.

Thesis Director and Supervisory Committee

Each student in the program works with a thesis supervisory committee comprising a thesis director and two or three other members. The members of the committee are selected by the student. Most often, the thesis director and members of the supervisory committee are tenured or tenure-track faculty members. However, a non-tenure track faculty member or other permanent member of the University’s instructional or research staff can be designated thesis director or a member of the supervisory committee with the approval of the Director of the University Honors Office (a supervisory committee consisting entirely of tenure or tenure-track faculty members does not require Honors Director approval). At least two members of the supervisory committee must be tenured or tenure-track faculty members. At least one member of the supervisory committee must have a home academic department different from that of the thesis director. A “visiting scholar” who is not an employee of Florida State University can be included on the supervisory committee with the approval of the Director of the University Honors Office. The supervisory committee must be approved by the chair or director of the academic department or program in which the student is majoring. Academic departments and programs may elect to have more specific criteria for the thesis director and supervisory committee.

The duties of the thesis director include:

• Directing the student’s research, study, and writing;
• Helping the student structure the basic conception of the thesis project;
• Helping the student clarify the objectives of the thesis project;
• Working with the student to discover an appropriate research or creative strategy for achieving these objectives;
• Monitoring the progress of the student;
• Providing specific guidance to the student regarding formal deadline;
• Scheduling the defense;
• Signing the forms required by the University Office; and
• Serving as instructor of record for the Honors in the Major course credit.

The duties of the other members of the supervisory committee include:

• Providing additional viewpoints on all phases of the thesis project – conception, creation, and completion;
• Contributing input on the project itself and the evaluation of the project; and
• Participating in the thesis defense.

Completion of the Honors Thesis

Typically, each student in the program works on the thesis project for two (2) or three (3) semesters. During each of these semesters, the student must enroll using the appropriate academic department’s course for honors thesis credit for one (1) to three (3) semester hours. Students must earn a total of six (6) to nine (9) honors thesis credits and must receive at least a “B–” in each of these courses. A student who does not have six (6) credit hours of work graded “B–” or better will not be eligible for program completion and graduating with Honors. Students must also maintain at least a 3.20 cumulative GPA until graduation. Several departments have additional requirements; students should contact the academic department in which the thesis work will be based for further information.
A prospectus is due to the University Honors Office during the semester before the thesis is completed. This brief paper states the nature of the honors thesis, its scope, and its methodology. The prospectus must be approved by all members of the supervisory committee. The student defends the finished honors thesis in a meeting with the supervisory committee. Following a successful defense, the student must submit the completed defense form (available from the Honors in the Major Web site) and one electronic copy of the completed thesis to the University Honors Office no later than the Friday before finals week of the defense semester. Further details and specific deadlines are available from the University Honors Office or at the Honors in the Major Web site at http://honorsinthemajor.fsu.edu.

University-Recognized Honor Societies

Through the University Honors Program, Honors in the Major Program, and honor societies, the University encourages excellence in all of its students. Florida State University is the home of the first Phi Beta Kappa chapter in the state of Florida. On Honors Night, a ceremony that was first held on May 4, 1936, the University salutes students who have received institution-wide recognition for academic achievement. Honor societies that are formally recognized by Florida State University have met the standards as set by the Undergraduate Policy Committee. Some organizations are university-wide and some are specific to individual disciplines. These societies recognize students who have excelled academically and in some cases provide opportunities for service to Florida State University and the community.

Standards for the Recognition of University-wide Honor Societies

General Standards for Recognition

I. A society may be recognized as a Scholastic Honor Society or as a Leadership/Scholastic Honor Society.

II. The society must be approved for recognition by a body to be appointed by the University President or his/her designee.

III. The society must demonstrate membership participation in governance and control at both the national (if a national organization) and chapter levels.

IV. Full financial disclosure is required at both the national (if applicable) and chapter levels.

V. Only the institutional chapter may extend invitations to individuals for membership.

VI. To be considered University-wide, a society must receive into membership persons from a broad range of academic disciplines.

Standards for Membership Eligibility

I. Membership shall be conferred on the basis of character and specified scholastic, leadership, and service eligibility.

II. Eligibility criteria here specified are minimum ones; societies may have higher standards.

Scholastic Honor Societies

Eligibility is primarily based upon scholarship.

I. Upper-division/Graduate Societies.
   A. Must be in the top twenty percent (20%) of their class scholastically;
   B. Undergraduates must have earned at least sixty (60) semester hours, with at least twenty-four (24) graded semester hours at this institution; and
   C. Graduate and professional students must have earned at least twenty-four (24) graded semester hours at this institution.

II. Lower-division Societies
   A. Must be in the top twenty percent (20%) of their class scholastically;
   B. Must have earned at least twelve (12) graded semester hours at this institution.

Leadership/Scholastic Honor Societies

Eligibility is based upon scholarship, leadership, and service to campus and the community. There is no distinction made by class.

I. Minimum overall 3.0 GPA, with at least twelve (12) graded semester hours at this institution; and,

II. Leadership and service to be determined by the society.

University-wide honor societies officially recognized by Florida State University are listed below, and can also be found at the Honors program Web site. The discipline-specific societies listed next are under the jurisdiction of the appropriate college, 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. Seniors must be in the upper ten percent (10%) of their respective colleges. Graduate and professional students must rank in the upper ten percent (10%) of their respective college. All students must have at least twenty-four (24) earned semester hours at Florida State University. For information, call (850) 644-2451/644-0387 or e-mail lmahler@admin.fsu.edu.

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 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 Florida State University) and in the top fifteen percent (15%) of the junior or senior class.

Phi Eta Sigma is a national honor society whose goal is to encourage and reward academic excellence among freshmen in institutions of higher learning. The oldest and largest freshman honor society, Phi Eta Sigma was founded in 1923 and now has over 300 chapters throughout the United States with over 800,000 members. Established at FSU in 1955, our undergraduate and graduate members may apply for national scholarships of $1,000-$10,000. Students who have a cumulative grade point average (GPA) of at least 3.5 and at least twelve (12) semester hours at the end of any full-time curricular period during their freshman year are eligible for membership. Lifetime membership is conferred upon induction. The Florida State University chapter participates in various optional activities, which have included leadership workshops, community service activities, and peer advising. Selected members represent FSU at the bi-annual national conference. For information, call (850) 644-7424 or e-mail PhiEtaSigma@admin.fsu.edu.

The National Society of Collegiate Scholars is an honors organization that recognizes outstanding academic achievement among first and second year college students and encourages members to develop leadership skills through community service. The society was founded in 1994 at The George Washington University, and the Florida State University chapter was formed in 1995. The society offers scholarships, awards, service opportunities, and leadership programs. Every fall the chapter invites to membership those students who rank in the 20th percentile with a minimum GPA of 3.4. For information call (850) 644-0639 or e-mail lmoeller@admin.fsu.edu.
Leadership/Scholastic Societies

The W.E.B. Du Bois Honor Society, organized in 1991, is named for the black scholar, editor, and author of The Souls of Black Folk, who set high standards for educating African-Americans in the late 19th and 20th centuries. Membership into the OASHHS shall be granted to those members who have attained a 3.3 GPA at Florida State University and must have earned at least thirty (30) semester hours at this University. Transfer students and seniors will be considered for eligibility on an individual basis. For more information, contact the Undergraduate Studies Dean’s Office, A3300 University Center, Tallahassee, FL 32306-2460 or call (850) 644-2740 or e-mail dubois hs@fsu.edu

Omicron Delta Kappa is the national leadership honor society for faculty and students. The society was founded in 1918 and came to Florida State University in 1950. The society recognizes achievement in scholarship; athletics; social, service, and religious activities; campus government; journalism, speech, and mass media; and creative and performing arts. Annual activities include a homecoming awards breakfast or banquet honoring outstanding Florida State University alumni and participation in Leadership Awards Night and in the 7:50 A.M. Breakfast Club, where faculty, staff and alumni meet with current ODK students to discuss campus issues. The Florida State University circle has been named “Circle of Distinction.” Applications are sought twice a year, and members are chosen on the basis of scholarship (upper third [33%] of junior, senior, or graduate class), leadership, and service.

Mortar Board is a national honor society for college seniors. The national organization was founded in 1918 and the Florida State University chapter in 1931. Each year Mortar Board sponsors activities to provide service, advance the spirit of scholarship, and facilitate cooperation among honor societies. Every spring, juniors in the upper thirty-five percent (35%) of their class are invited to apply. Members are selected on the basis of scholarship, leadership, and service.

Garnet Key Honor Society of the Panama City campus, founded in 1986, recognizes students primarily for service and scholarship, but also for spirit and leadership. Activities are generally service projects and functions for the Panama City campus. Applicants must have completed twelve (12) semester hours at that campus with a GPA of 3.5 or higher.

The Oscar Arias Sanchez Hispanic Honor Society (OASHHS) was formed in the Fall term of 1992 to recognize academic excellence among students of Hispanic heritage and those interested in Hispanic/Latino culture. Membership into the OASHHS shall be granted to those sophomores, juniors, seniors, and transfer students of Hispanic heritage who have attained a 3.3 GPA or above and who have fulfilled the required service projects. The OASHHS is a scholastic/leadership society. To become a member of this organization, contact Undergraduate Studies Dean’s Office, A3300 University Center, Tallahassee, FL 32306-2460 or call (850) 644-2740.

Garnet and Gold Key, founded in 1924, is the oldest leadership honor society on the FSU campus. The society was formed to recognize the spirit of service, leadership, and loyalty. The society’s annual activities now include Oscar Night, which recognizes the top one hundred incoming freshmen, and the conferment of The Ross Oglesby Award, given to one outstanding faculty or staff member who has dedicated ten years of service to the University, its students, and various community service projects. Juniors and seniors are able to apply twice a year for membership. Membership is granted on the basis of outstanding academic achievement and a diversified leadership experience. For more information go to [http://www.garnetandgoldkey.com](http://www.garnetandgoldkey.com).

Other Societies

Phi Theta Kappa is the international honor society of two-year colleges. Florida State University’s alumni chapter offers former active members the opportunity to remain affiliated after they transfer. Phi Theta Kappa was founded in 1918; the University has had an alumni chapter since 1982. For more information, go to [http://undergrad.fsu.edu/PTK/](http://undergrad.fsu.edu/PTK/).

Academic Honor Societies Specific to Certain Disciplines

College of Arts and Sciences

Anthropology students are eligible to join Pi Gamma Mu. See “College of Social Sciences” below.

The Department of Biological Science sponsors Beta Beta Beta, a national honorary and professional fraternity dedicated to improving the understanding and appreciation of biology students and extending boundaries of human knowledge through scientific research. Tri-Beta promotes undergraduate research in biology through publishing its undergraduate journal, Biology, and conferring The Ross Oglesby Award, given to first and second year students in the Department of Biological science.

The Department of Computer Science sponsors a chapter of Upsilon Pi Epsilon, the honor society for the computing sciences. The society is student-run and works closely with the local student chapter of the Association for Computing Machinery (ACM). Undergraduate majors must have completed sixty-four (64) semester hours of study, including eighteen (18) semester hours in computer science, and have at least a 3.2 GPA overall and within the major. Graduate students in computer science must have completed twelve (12) semester hours of graduate work with a GPA of 3.5 or better.

The Department of English sponsors a chapter of the Lambda Iota Tau, a literary honor society. The society is open to majors and minors in English and Modern Languages and Linguistics who have completed sixty (60) semester hours or more with GPAs of 3.0 and higher. The society is student-run, and activities change with student interests. Recent activities have included book sales, forums on applying to graduate and law schools, marathon readings of favorite texts, publication of a literary journal, and an annual poetry and fiction contest for Leon County middle schools. Interested students should submit an initiation paper and fee to the Director of Undergraduate Studies in English.

The Department of History boasts the fourth chapter in the nation (founded in 1926) of Phi Alpha Theta, a literary honor society. The society is open to majors and minors in history, and three or more years of history. Membership is open to undergraduate history majors, graduate students in history, and to faculty and staff from the Florida State University Department of History. For more information, contact the Department of History at (850) 644-1630 or e-mail [history@fsu.edu](mailto:history@fsu.edu).

The Department of Mathematics is Pi Mu Epsilon, founded nationally in 1914 and at 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. These exemplary students also participate in mathematics competitions and the department’s three student organizations, the Florida State Mathematical Society, the Florida State Student Actuarial Society, and the student-led Graduate Student Seminar.

Chi Epsilon Pi is the honor society for outstanding students in the Department of Meteorology. The Florida State University chapter has existed since 1966. In order to be eligible for membership, graduate students must have at least nine (9) semester hours of meteorology coursework while in graduate status, a 3.5 or better GPA in all meteorology coursework, an overall GPA of 3.25 or greater, and at least one year in the Department of Meteorology. Undergraduate students are eligible upon completion of at least seventeen (17) graded semester hours of meteorology coursework at 2000 level or higher, and must have at least a 3.25 GPA in all meteorology coursework, a 3.25 or greater GPA overall from the period starting with the first semester as a junior and ending...
with the last complete semester, and at least one year in the Department of Meteorology. Other criteria exist for special students. Students are inducted each spring.

The Department of Military Science fosters a chapter of the national organization Scabbard and Blade. The chapter participates in various civic and Reserve Officer Training Corps (ROTC) activities. 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 five honor societies, each with a different language of focus:

**French. Pi Delta Phi** has long been established at Florida State University and inducts major and minor students on the undergraduate and graduate levels. Prospective members must have a 3.0 GPA overall and 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 3.3 GPA in French as well as an overall GPA of 3.0, and must have completed one semester of graduate work in French.

**German. Delta Phi Alpha** has had a chapter at the University since 1979. New members may apply once a semester. Minimum requirements include a 3.5 GPA in German and a 3.0 overall GPA, plus three (3) German courses completed or in progress with an “A–” average.

**Italian. Gamma Kappa Alpha** was organized in 1983; the University chapter followed in 1984. The chapter sponsors a weekly Italian Table for students. New members are invited each spring. Membership is open to undergraduate Italian majors with a minimum 3.0 GPA overall and 3.5 in Italian.

**Slavic (including Russian). Dobro Slovo** was founded in 1926; the University has had a chapter since 1972. Each spring, students apply, or are invited, based on two years of study of Slavic languages and related subjects with a “B+” average and an overall “B” average.

**Spanish. Sigma Delta Pi** is the honor society for students of Spanish and has had a chapter at the University since 1935. Sigma Delta Pi offers students competitive opportunities to study abroad. Undergraduates must have a 3.2 GPA in Spanish and must rank in the top thirty-five percent (35%) of their class. Applicants must complete nine (9) hours of Spanish at or above the 3000-level; at least one course must be in Spanish literature or culture/civilization. Graduate students are also eligible.

**Sigma Pi Sigma** is the national honor society for majors in the Department of Physics. The organization was founded in 1921, and the University Chapter was organized in 1954. New members are invited once a year, chosen from among physics majors who have at least a “B” average in physics as seniors or advanced juniors.

The Department of Psychology fosters a chapter of Psi Chi, a national honor society founded in 1929. The University chapter, in existence since 1959, has concentrated on activities that help majors with their future plans. Students may apply for membership twice a year. Psychology majors or minors must have completed twelve (12) semester hours of psychology with a minimum 3.2 overall GPA and 3.2 psychology GPA.

**College of Business**

**Beta Gamma Sigma** was founded in 1913 and established at the University in 1962. Both undergraduate and graduate business students are eligible for election.

**Beta Alpha Psi** is the national scholastic and professional society of the Department of Accounting; the University chapter was established in 1962. The society recognizes outstanding academic achievement in accounting and business, promotes the study of accounting and business, provides opportunities for interaction among members and practicing business professionals, invites speakers from the profession, and undertakes campus and community service activities. Prospective accounting, finance, and management information systems majors, both undergraduate and graduate, who are currently enrolled or have completed at least one accounting course and have met grade point requirements in accounting, and overall, may apply for membership. New members are initiated in the Fall and Spring semesters.

Majors in the Dedman School of Hospitality are eligible for Eta Sigma Delta, the international hospitality honor society. The society was founded in 1978 and came to the University in 1981. The local chapter emphasizes career preparation activities. Students who are hospitality majors in the junior year with a 3.00 overall GPA are invited to apply at the beginning of each semester.

A chapter of Sigma Iota Epsilon, a management fraternity, has been sponsored by the Department of Management since 1969. Both undergraduate and graduate students are eligible for membership. Undergraduates must have a 3.0 GPA and graduate students a 3.25 GPA, among other requirements.

**College of Communication**

**Lambda Pi Eta**, a national communication honor society, had its charter year at the college in 1989. The purposes of the society are: 1) to foster and reward outstanding scholastic achievement in communication; 2) to stimulate interest in the field of communication through outreach and service; 3) to promote and encourage professional development among communication majors; 4) to provide an opportunity to discuss and exchange ideas in the discipline of communication; 5) to establish and maintain closer relationships and mutual understanding between communication faculty and students; and 6) to explore 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 in communication and sixty (60) hours overall; and have a minimum of a 3.5 GPA overall and in the major, with no grades below “C–”. No more than one incomplete (I) or a maximum of six (6) semester hours, and no unsatisfactory grades (U). New members are invited at the beginning of each Fall and Spring semester.

**College of Criminology and Criminal Justice**

**Alpha Phi Sigma** is a nationally recognized honor society for students in criminology and criminal justice. The society recognizes academic excellence by undergraduates and graduate students.

To become a member, students must have completed one-third of the total hours required for graduation at Florida State University. The student must be recommended by the local chapter adviser or a faculty member.

Undergraduates must maintain a 3.0 overall GPA and a 3.2 GPA in their major courses. Students must also rank in the top thirty-five percent (35%) of their class and have completed a minimum of four (4) courses within the criminology and criminal justice curriculum. The society is open to students with a declared criminology and criminal justice major or minor.

**College of Education**

**Kappa Delta Pi** has had a chapter at the University since 1925. Students are invited twice a year or may apply. They must have twelve (12) semester hours of professional education courses. Undergraduates must have a “B-” in all college work and graduates a “B+.” A minimum GPA of 3.0 is required for initiation.

**Phi Delta Kappa** has had a chapter at the University since 1953. The group sometimes participates in national research projects in education. Students are invited or may apply once a year. Members must have obtained a baccalaureate degree and be admitted to a graduate degree program or have five years successful professional experience. Members must have as their primary outcome professional involvement in education.

**Rho Phi Lambda** is the national honorary fraternity for the recreation, park, and leisure services profession. The original Rho Phi Alpha honorary fraternity was founded at North Carolina State College in 1958. In 1985, the eleven chapters of Sigma Lambda Sigma honorary fraternity (originally founded at Florida State University) were merged with the six original Rho Phi Alpha Chapters to become Rho Phi Lambda; the society now has over 30 chapters throughout the United States. Membership is based on outstanding scholarship, leadership in service to the community and to the University, and service to the profession.

**College of Engineering**

**Tau Beta Pi**, the College of Engineering’s most prestigious honor society, was formed in 1985 as the Engineering Honor Society. It was chartered and installed at the FAMU–FSU College of Engineering on February 29, 1992 as the Florida Eta Chapter of Tau Beta Pi. The Tau Beta Pi, a national engineering honor society, promotes scholarship, exemplary character, with emphasis on community service and upholding the engineering canon of ethics. New members are invited twice a year to
join Tau Beta Pi based on academic standards and exemplary character. New members must be in the upper one-fifth of all engineering seniors or upper one-eighth of engineering juniors.

**College of Human Sciences**

**Kappa Omicron Nu** was established in 1990 with the consolidation of Kappa Omicron Phi and Omicron Nu. Omicron Nu was established at the University in 1922. The local chapter is Pi Chapter. Kappa Omicron Nu recognizes and encourages excellence in scholarship, research, and leadership. Undergraduates must have sixty (60) semester hours (at least fifteen [15] of which were completed at Florida State University) with a minimum 3.3 GPA. Graduate students must have twelve (12) semester hours with a minimum 3.5 GPA. New members are initiated at least once a year.

The **Glenn Society** was established in 2004 and named in honor of Hortense Glenn, who served as Dean of the College of Human Sciences from 1958 to 1972. The purpose of this honor society is to recognize students who have exhibited outstanding leadership and service while maintaining a high level of academic achievement. Each year no more than one percent of the student body of the College of Human Sciences is selected for membership. Undergraduate students are required to have completed ninety (90) or more semester hours (at least thirty [30] hours at Florida State University and twenty [20] since declaring a major in the College of Human Sciences), a minimum GPA of 3.3 and evidence of leadership and service. Graduate students at the MS level must have completed at least two (2) semesters of course work as a major in the college, and PhD students are required to have completed at least four (4) semesters in the college. For graduate students, a minimum GPA of 3.8 is required in addition to evidence of leadership and service. New members are inducted once per year.

**College of Information**

Beta Phi Mu, the Library and Information Studies International Honors Society, was founded in 1948, with the headquarters housed in the College of Information at Florida State University. In 1957, the School of Information Studies founded the Gamma Chapter representing local members. Graduate students are invited to join once a year based on a 3.75 GPA and ranking in the top twenty-five percent (25%) of that year’s graduating class.

**College of Law**

The **Order of the Coif** was founded in 1902 and came to the University in 1979. New members are invited once a year from the top ten percent (10%) of the graduating class.

**College of Music**

Pi Kappa Lambda is an honor society dedicated to fostering scholarly interest in the theoretical and historical aspects of music and to the pursuit of eminent achievement in performance, composition, music education, music therapy, and research. Pi Kappa Lambda was founded in 1918 and established the Phi Chapter at the University in 1943. New members are chosen once a year based on scholarly achievement and musicianship. Juniors must be in the top ten percent (10%) of the class; seniors, in the top twenty percent (20%); graduate students must have an “A” in at least two-thirds of their courses.

**College of Nursing**

Sigma Theta Tau International, the scholarship 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 East European studies, social science, sociology, and urban and regional planning. The University chapter was founded in 1975. Students must have a minimum of twenty (20) semester hours in the above subjects with at least a 3.0 GPA and no social science grade of F, and, except for graduate students, must be in the upper thirty-five percent (35%) of their classes. Prospective members are also expected to have extracurricular activities related to the social sciences.

The **Department of Economics** hosts the Gamma chapter of the Omicron Delta Epsilon International Honor Society in Economics. Undergraduate requirements for membership are: junior or senior classification; a minimum of twelve (12) semester hours of economics courses completed; a minimum overall GPA of 3.0, and a minimum 3.0 GPA in economics courses. Graduate students must have completed at least one (1) semester of graduate work with at least a 3.0 GPA. Applicants from all majors are welcome.

Gamma Theta Upsilon is the honor society in the Department of Geography. The society was founded in 1931 and came to the University in the mid-1950s. The local chapter organizes lectures and field trips. Both undergraduate and graduate students are eligible, and invitations go out twice a year. A student must have a 3.0 overall GPA, must have a “B” in geography in at least three (3) courses, and must have completed at least three (3) semesters of college course work. The honor society of the Department of Political Science is Pi Sigma Alpha. The society was founded in 1920, and a chapter was established at the University in 1954. Undergraduate and graduate students may apply if they have at least twelve (12) semester hours in political science (including public administration) with a 3.2 GPA and a 3.0 overall GPA.

Pi Alpha Alpha is the national honor society for the field of Public Administration. New members are invited semi-annually based on a 3.75 graduate GPA or better and a minimum of twenty-one (21) completed semester hours, both in their degree program.

The honor society for the **Department of Sociology** is Alpha Kappa Delta. The aim of the University chapter, Alpha, is to stimulate scholarship and maintain a fellowship for students, both at the graduate and undergraduate levels. Requirements for undergraduates include the following: junior or senior classification; a minimum of twelve (12) semester hours of sociology courses completed; a minimum overall GPA of 3.0; and a minimum 3.0 GPA in sociology courses. Graduate students must have completed at least one (1) semester of graduate work with at least a 3.0 GPA.

**College of Social Work**

The **College of Social Work** was the national founding chapter of Phi Alpha honor society. Phi Alpha fosters high standards of achievement for students and promotes humanitarian ideals through community service. Applications are taken twice a year. Undergraduates must have an overall GPA of 3.0, with a 3.25 GPA in at least nine (9) semester hours of social work courses. Graduate students must have a 3.5 overall GPA with nine (9) semester hours completed in social work.
College of Arts and Sciences

Dean: Joseph Travis; Associate Deans: Lois Hawkes, Sam Huckaba, Joseph McElrath, Joseph F. Owens III.

A university education, properly realized, must be built upon an intellectually broadening program of study in the liberal arts. As critic Mark Van Doren has observed, “Liberal education makes the person competent—not merely to know or do, but also, and indeed chiefly, to be.” The essential curriculum of a college education, Van Doren explained, teaches students to learn progressively the arts of investigation, discovery, criticism, and communication. Florida State University’s liberal studies curriculum, which is grounded firmly in courses offered by the College of Arts and Sciences, helps to develop these crucial intellectual values and critical skills in all undergraduate students. Majors in the College of Arts and Sciences, furthermore, enjoy the privileges and benefits of developing a richer appreciation of the humanities and the sciences—an appreciation that enhances the quality of students’ lives morally, intellectually, and professionally.

The oldest college at the University, the College of Arts and Sciences has provided generations of undergraduate students instruction in the liberal arts disciplines that are essential for intellectual development and personal growth: English and mathematics, history, the humanities, and the physical, biological, and behavioral sciences. At the graduate level, too, the contributions of the College of Arts and Sciences have been integral with the growth of the University. The first recorded master’s degree at the Florida State College for Women was awarded by the College of Arts and Sciences in 1911, and the first doctorate at Florida State University was awarded in chemistry in 1952.

Over the decades, various professional schools have been established at the University, and several colleges and schools have separated from the College of Arts and Sciences to become individual administrative entities. Today, 75 percent of the Liberal Studies Program and over 40 percent of University instruction, generally, are offered by the College of Arts and Sciences. Furthermore, the college conducts a large percentage of the sponsored research at the University. Currently, the College of Arts and Sciences annually awards the largest number of doctoral degrees at the University.

College of Arts and Sciences faculty have earned national and international recognition for research, teaching, and distinguished service to the profession. 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.

Facilities

The College of Arts and Sciences is housed in 21 buildings on the main campus and at off-campus field stations. Arts and sciences research activities are conducted at various locations around the world—from an archaeological site in Cetamura, Italy, to the Antarctic. Special facilities of the college include the Van de Graaf Nuclear Accelerator, the Proton-Induced X-Ray Emission Laboratory, the Statistical Consulting Center, and the Marine Laboratory on Apalachicola Bay. In addition, the National Park Service’s Southeast Archaeological Center is a major repository of artifacts heavily used by anthropology majors. The college also staffs a large number of other specialized research and teaching laboratories: computer laboratories, radioisotope laboratories, a nuclear magnetic resonance lab, fluid dynamics and ocean modeling labs, language and writing labs, and other facilities. The National High Magnetic Field Laboratory at Innovation Park also provides superb research experiences for faculty and students. Many departments maintain their own libraries of journals, books, and reference materials.

Opportunities

Departments in the College of Arts and Sciences work with various programs, schools, and colleges to offer cooperative and interdisciplinary degree programs. For example, majors in the college may pursue bachelor of arts (BA) degrees in English or modern languages with an emphasis in business, and they may apply for the one-year joint baccalaureate/MBA program. Editing internships in the Department of English offer excellent preprofessional experience; the secondary science and/or mathematics teaching major certifies students to teach in two discipline areas; and several science departments provide hands-on research opportunities for undergraduates. Humanities, American studies, and Latin American and Caribbean studies majors are taught by faculty from several departments in the College of Arts and Sciences. An arts and sciences major may minor in journalism through the cooperative program offered with Florida Agricultural and Mechanical University. Students in arts and sciences help to edit and publish two campus literary magazines and often work on the staff of campus newspapers. Additionally, administrators, faculty, and students in arts and sciences are major participants in the Florence and London overseas study programs.

Unique Residential Halls

The College of Arts and Sciences helps to sponsor two residence-based learning communities, the Bryan Hall Learning Community and a program for Women in Math, Science, and Engineering (WIMSE). These programs are available to students residing in Bryan Hall and Jennie Murphree Hall, respectively. The Bryan Hall experience, available to first-year undergraduate students regardless of intended major, integrates residential life and academic life in a way that is unique on the University campus. The WIMSE program provides support for undergraduate women in the specified academic areas by offering role models, guest speakers, panel discussions, tutoring, opportunities for field trips, etc. Students seeking more information about either of these two programs should inquire of the University Housing Office.

Scholarships and Awards

Students in the College of Arts and Sciences are eligible for various types of scholarships and grants administered centrally by the University. The College of Arts and Sciences also gives an award to every major elected as a junior to Phi Beta Kappa. All departments in the college administer undergraduate scholarship and award programs; most scholarships are awarded via nominations from departments within the college.

Requirements

All students must meet the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin. In addition, all students receiving a degree from the College of Arts and Sciences must satisfy the requirements listed in the following paragraphs.

In order to enroll in the College of Arts and Sciences, an undergraduate must be certified by the Division of Undergraduate Studies or be a transfer student with fifty-two (52) or more semester hours of accepted credit. Successful completion of CLAST also is required. Admission to the College of Arts and Sciences requires at least a 2.0 grade point average (GPA) in prior academic work and that the student be in good standing with the University. Since individual departments may stipulate higher admission standards, students should consult the appropriate chapters of this General Bulletin for specific requirements.

Students who wish to pursue graduate study in the College of Arts and Sciences must apply through the Office of Admissions and must be accepted for graduate study by the intended department or program. Those interested in graduate work in the college should therefore consult the “College of Arts and Sciences” entry and departmental or program chapters of the Graduate Bulletin.

Students enrolled in the College of Arts and Sciences may concurrently prepare for, and become certified in, various professional programs. This is made possible by the cooperation of professional schools within the University with various College of Arts and Sciences departments that have established programs with special emphasis in certain professional areas.
Requirements for Baccalaureate Degrees

Liberal Studies. All areas of liberal studies must be satisfactorily completed. Students must have an overall GPA of at least 2.0 in their liberal studies courses. Students who entered the upper division after summer 1983 must have a “C–” or better in each course in Areas I, II, and IV.

Note: All transfer students must have completed at least six (6) semester hours of English composition, three (3) semester hours of mathematics, three (3) semester hours of history, six (6) semester hours of humanities, and six (6) semester hours of natural sciences in order to satisfy College of Arts and Sciences requirements. Students who did not complete these courses at their previous institution will need to do so at the University.

Foreign Language. The College of Arts and Sciences requires that bachelor of arts and bachelor of science students be proficient in the intermediate level in one language other than English. Students may satisfy the requirement by completing course work through the 2000 level (2200 or equivalent course) of a classical or modern foreign language. Those with a 2.5 GPA may take these courses on a satisfactory/unsatisfactory (S/U) basis, so long as they meet the University deadline for declaring this intention. A student taking course work to fulfill the college’s foreign language requirement must earn at least a “C–.” Hours used to fulfill the foreign language requirement may not be counted toward a major or a minor. For exceptions to this policy, students should contact the College of Arts and Sciences. Native speakers of another language and other students who wish to demonstrate proficiency by means other than course work should consult the Department of Modern Languages and Linguistics.

Please note that the college’s classical or modern foreign language requirement is more extensive than the University’s foreign language admissions requirement. It is important to understand that, although completion of two years of high school foreign language courses or two semesters of postsecondary foreign language will satisfy the University’s admissions requirement, these courses do not satisfy the College of Arts and Sciences’ foreign language graduation requirements for BA and BS students. Please consult the “Admissions” section of this General Bulletin for more information.

Beginning Fall 2002, all students who intend to continue study of a modern foreign language at Florida State University in which they have prior coursework experience (such as high school or study abroad) must be placed into the appropriate course by the Department of Modern Languages and Linguistics. Students in French, German, and Spanish who continue with the same language must take the placement test before they enroll in a course in the Department of Modern Languages and Linguistics. Students in other languages must consult the department for the appropriate placement procedures before enrolling.

Florida State University does not currently offer modern foreign language or classical language instruction at the Panama City campus. Therefore, students pursuing BA or BS degrees in the College of Arts and Sciences at the Panama City campus may count as part of their sixty (60) semester hours of senior institution work a maximum of twelve (12) semester hours of courses taken at Gulf Coast Community College, Pensacola Junior College, Okaloosa-Walton Community College, or Chipola Junior College to satisfy the language requirement. These hours will count toward the sixty (60) semester hours only if they are taken subsequent to the students’ upper-division enrollment at the Panama City campus.

Summer Requirement. Students who enter one of the ten state universities with fewer than sixty (60) semester hours of transfer credit must complete minimum (3) semester hours of course work during the summer at any of the ten institutions of the State of Florida, Division of Colleges and Universities. Effective Summer 2002, entering freshmen will be exempt from the summer term requirement if they have earned at least nine (9) semester hours of credit through approved acceleration mechanisms. Requests for waivers of the summer requirement (normally for reasons of regular summer employment) must be approved in the Office of the Dean of Arts and Sciences and by the Dean of the Faculties.

Upper-Level Course Work. Students must complete at least forty (40) semester hours of 3000/4000 level courses to receive their degree. Courses transferred from another school may count toward this requirement if the equivalent Florida State University course was numbered 3000 or above at the time the course was taken.

Senior Institution Hours. At least sixty (60) semester hours of course work must be completed at a senior institution (i.e., not a community college).

Repeated Courses. Credit can only be given one time per course. If, for example, a student receives a “D” grade in a course and then repeats it, the student will not receive duplicate credit. This will most frequently affect a student’s total hours and/or upper-level hours.

Physical Activity and Other Activity Courses. The University will allow the substitution of two (2) semester hours of physical activity courses to count toward a degree (e.g., tennis, sailing). Students who attended a community college and received an AA may have already taken two (2) or more semester hours in this area. The University will not take away any hours from an AA; however, any additional courses taken in this area after the AA may not count toward the total hours needed to graduate from Florida State University. No more than eight (8) semester hours can be taken in applied music, physical activity, or office skills courses, combined.

Minor. Most majors in the College of Arts and Sciences also require a completed minor. Exceptions include secondary science/math teaching, humanities, foreign language/business, English/business majors, Middle Eastern studies, and certain science programs with collateral minors. Students completing a double major do not have to complete a minor. Students pursuing two degrees (dual certificate or a second baccalaureate degree) must have a separate minor for each degree that is awarded by this college. If one of the degrees is to be awarded by another college in the University, that dean’s office will specify any minor requirements. While many minors require only twelve (12) semester hours, others require as many as eighteen (18) semester hours. No courses used for satisfying liberal studies requirements or a major may also be counted toward a minor. Normally, the student’s minor will be in a different department than the major. In a few cases it may be possible to take the minor in a different program, but within the same department as the major. Students wanting to pursue that possibility must consult with their departmental adviser.

Grade Point Average. The University requires students to have a GPA of at least 2.0 in order to receive a bachelor’s degree. Certain programs have established required exit GPAs that are above the 2.0 level; please consult the individual departmental listings.

Residency. A student’s final thirty (30) semester hours must be completed in residence at Florida State University. Petitions for waivers of this requirement must document extenuating circumstances and be submitted through the Office of the Dean of Arts and Sciences prior to a review by the Dean of the Faculties. Students taking courses at another senior institution or by correspondence must request that a final official copy of their grades immediately be sent to the University. These grades must be added to the University transcript before the degree can be posted.

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

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.

Community College Course Work. Please note that students cannot earn transfer credit for community college courses after they have been awarded an AA degree from 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 Florida State University. See the “Foreign Language” section above for exceptions to this policy for students at the Panama City campus.

Requirements for the Major. Each candidate for the baccalaureate degree must complete major requirements in one of the following departmental or interdepartmental fields. The major normally consists of approximately thirty (30) semester hours, depending on the department in question. See departmental entries for specific requirements. If courses from the major department are used to meet the liberal studies requirements, no more than four (4) semester hours of these liberal studies courses may also be counted toward the major requirements.
Exit Interviews or Surveys. Each department in the College of Arts and Sciences is required to conduct appropriate exit interviews or surveys of graduating students. In some departments, eligibility for graduation may be based on completion of the exit interview or survey.

Departmental Majors

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Research Facilities and Special Programs

- Center for Materials Research and Technology
- Center for Ocean-Atmospheric Prediction Studies
- Geophysical Fluid Dynamics Institute
- Institute for Molecular Biophysics
- Program in Neuroscience
- Office of Science Teaching Activities

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, and a minor, at 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 interdepartmental programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.
Mission
It is the mission of the College of Business to provide high quality, innovative instruction that prepares, challenges, and inspires students to shape the future of business; to be an international thought leader by producing high quality scholarly research and publishing in top tier journals; to establish and foster relationships with our alumni, the business community, and our other stakeholders; and to help the University fulfill its mission and achieve its vision.

General Information
The College of Business is one of a select group of business programs in the country fully accredited by AACSB-International. This accreditation includes all undergraduate and graduate programs in business and separate accreditation of the programs in accounting.

Since its founding in 1950, the College of Business has provided quality business education to over 40,000 alumni who have gone on to positions in regional and national organizations. The college, through its faculty, curricula, and programs, is committed to educating and developing its students for careers as future business executives and leaders.

Over the years the College of Business has been successful in building a very capable and motivated business faculty. Faculty members throughout the several business disciplines are very productive researchers and effective teachers. These faculty members also maintain important contacts with the business community through various types of service and applied research activities.

As a result of its capable and dedicated faculty, the College of Business has been able to attract highly qualified students. Business students have strong analytical and communicative aptitudes and have a spirit of enterprise and creativity. The interaction of these students with highly qualified business faculty, coupled with well-designed business program options, creates a stimulating learning environment.

The achievements of the College of Business have been recognized by the business community in the form of development funds for scholarships, endowed chairs, professorships, teaching and research grants, and other program activities.

Programs Offered
The college offers curricula leading to the degrees of bachelor of science (BS), bachelor of arts (BA), master of business administration (MBA), master of accounting (MAcc), master of science in management (MSM), master of science in management information systems (MSMIS), and doctor of philosophy (PhD) in business administration.

The College of Law and the College of Business offer a joint-degree program leading to the juris doctor (JD) and the master of business administration (MBA) degrees.

At the undergraduate level, students may major in either accounting, entrepreneurship and small business management, finance, hospitality administration, human resource management, management, management information systems, marketing, multinational business operations, professional golf management, real estate, or risk management and insurance. Students may also pursue a double major by satisfying the requirements of each curriculum.

The master of business administration (MBA) program is a twelve-month program designed for students who have an undergraduate business degree (or who have completed a specific set of prerequisite business courses). The program is offered on a full-time and part-time basis. The full-time program begins once each year in the Summer term. The part-time program begins once each year in the Spring term. Students are encouraged to have at least two years of work experience prior to entering the MBA program. The part-time MBA program is also offered online for students outside the Tallahassee area. The online MBA program begins each fall.

The master of accounting (MAcc) program is designed to allow the student to concentrate in either assurance services, accounting information systems, corporate accounting, or tax accounting. This program provides students with greater breadth and depth in accounting education than can be accomplished in the baccalaureate program.

The master of science in management program (MSM) provides students with greater breadth and depth in accounting education than can be accomplished in the baccalaureate program.

The master of science in management information systems (MSMIS) program prepares students for careers in information systems analysis and design. The program is designed for students with a background in business who are looking to enhance their information systems development skills and/or change careers to management information systems.

The program is taught online.

The objective of the doctoral program in business is to prepare students for careers in university teaching and research, as well as for selected administrative and research positions in industry and government. Students receive the doctor of philosophy in business administration and concentrate in either accounting, finance, management information systems, organizational behavior and theory, strategic management, marketing, or risk management and insurance.

Institutes and Centers
The Jim Moran Institute for Global Entrepreneurship provides services to small businesses throughout Florida. It also provides students with opportunities to consult with and learn from successful entrepreneurs.

The Carl DeSantis Center for Executive Management Education sponsors numerous outreach programs that strengthen the relationship between College of Business faculty and the business community. The Institute for Business Research and Service provides a broad mix of basic and applied research, workshops, conferences, and publications to industry and government. Its activities are implemented through a number of centers in the following areas: human resource management; marketing; banking; information systems; hospitality administration; insurance; procurement; and real estate.

Facilities
The Charles A. Rovetta Business Building is ideally located near the center of campus adjacent to Strozier Library and the Oglesby Union. It contains modern classrooms, faculty and staff offices, and numerous support facilities. The College of Business Technology Center houses state-of-the-art computer laboratories and training rooms. It provides students access to the latest technology used in business. The Business Placement Center assists students in their employment search with services ranging from resume preparation to on-campus interviews with potential employers. The College of Business Undergraduate Programs Office and Advising Center provides students a wide variety of advising services.

The Dedman School of Hospitality is located in the University Center Building B, 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; and

4. The curriculum increases students’ abilities to communicate ideas clearly and to appraise critically both written and spoken discourse and offers opportunities for in-depth study in the areas of the behavioral, quantitative, and information sciences.

Using these objectives as its guide, the College of Business has created an active, stimulating learning environment for both students and faculty. As part of this environment, students participate in independent study, research, laboratory experimentation, field experience, discourse, and scholarly writing.

Scholarships/Awards

Faculty

The College of Business possesses several eminent scholar chairs and numerous professorships. These prestigious faculty positions are occupied by outstanding scholars in various disciplines of business. These faculty not only conduct research, but teach at both the graduate and undergraduate levels.

Student Awards and Honors

A number of organizations are available to students in the College of Business. These organizations include service clubs as well as honor societies. The most prestigious honor society in business is Beta Gamma Sigma. This national honor society for business students was founded in 1913. The Florida State University chapter was established in 1962. Election to membership is the highest honor one can achieve in academics in the business area. Membership is available to both undergraduate and graduate students and is based upon outstanding academic achievement.

Scholarships

The College of Business offers several types of scholarships and financial aid for both undergraduate and graduate students. At the undergraduate level, the funding sources for the scholarships include the College of Business, specific individuals and firms, and various state and national industry associations. The amount and selection criteria of each award vary according to the program the award supports and the funding source. In addition to scholarships, the College of Business and the University provide numerous opportunities for part-time work as student assistants.

At the graduate level, the College of Business provides a number of fellowships to master’s and doctoral students. Graduate research and teaching assistantships are also provided to doctoral students and master’s students.

Requirements

All of the undergraduate programs in the College of Business are designated as limited access programs. To pursue any major in the College of Business, students must meet the admission requirements for these limited access programs. All majors in the College of Business have the admission requirements listed below.

Students should complete the prerequisite courses required for admission during their first three to four semesters of college work. Students attending Florida community colleges should complete the prerequisite courses required for admission while fulfilling general education requirements leading to the associate in arts (AA) degree. Electives taken in the first two years, after fulfilling general education requirements and the prerequisite courses for business, should be in areas such as English, communication, 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 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 Florida State University);
3. CGS X100*/or CGS X100C*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or STA X122 or QMB X100.

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Course Requirements

All undergraduate business students must complete: 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for business; 3) the general business core requirements; 4) the general business breadth requirements; and 5) the major area requirements for their chosen major.

General Business Core Requirements

All business students (except accounting majors, see note below) must complete the following five courses. A grade of “C-” or better must be earned in each course.

BUL 3310 The Legal Environment of Business (3).*
FIN 3403 Financial Management of the Firm (3).
GEB 3213 Business Communications (3).
MAN 3240 Organizational Behavior (3).
MAR 3023 Basic Marketing Concepts (3).

Note: *BUL 3310 is 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.
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 2007, but not in sufficient time to meet publication deadlines, will be effective Fall 2007. Students can receive information on these changes in the undergraduate programs office of the College of Business.

3. All students must complete an official pregraduation check in the undergraduate programs office of the College of Business during the first three weeks of the semester prior to the semester in which they plan to graduate.

4. All students must apply for graduation at the Office of the University Registrar during the first two weeks of the semester in which they plan to graduate.

5. A minimum of thirty (30) semester hours of the general business and major area requirements must be taken at Florida State University.

6. Transfer of upper-level business courses must be from business colleges at other senior institutions, must carry prerequisites similar to those of the courses they are replacing, and must be approved by the Dean of the College of Business. In evaluating this transfer credit, emphasis will be given to courses taken at other AACSB-International accredited business programs.

7. Students are not allowed duplicate credit hours for courses repeated in which they have made a “D” or better.

8. The only College of Business courses that may be taken on a satisfactory/unsatisfactory (S/U) basis are those courses restricted to S/U grades only.

Requirements for a Minor in Business

Students majoring in areas outside the College of Business may receive a minor in general business. The general business minor consists of eighteen (18) semester hours, including ECO 2013 and 2023, and any four (4) business courses. At least two (2) of the four business courses must be completed at Florida State University. Any business course taken at another institution must be approved by the College of Business before it will be counted toward a business minor. A grade of “C–” or better must be earned in each course in the minor.
COLLEGE OF COMMUNICATION

Dean: John K. Mayo; Associate Dean (Academic Affairs): Gary R. Head; Assistant Dean (Student Affairs): Barbara C. Robinson

American society is enmeshed in an all-encompassing and ever-expanding web of human and technological channels of communication. People encounter the changing terminology and technology of communication on a daily basis. The definition of this complex and ever-changing world of communication, the explanation of its assorted functions, and the understanding of its multitude of effects underlie the teaching, research, and service missions of the College of Communication at 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 baccalaureate of science (BS) degrees are offered through the Department of Communication Disorders and the Department of Communication. Each major within the college is part of a limited access program requiring a separate application. Admission to each major is competitive. Interested students should indicate their major preference on their University application and seek advising through the College of Communication. See department entries in this General Bulletin and the college Web site, http://www.comm.fsu.edu, for specific information regarding departmental application requirements. Candidates for the baccalaureate degrees also must comply with general University regulations governing these degrees and must complete the major and minor requirements of one of the departments identified above. (See departmental entries for specific area concentrations and requirements.) To be awarded the BA degree, the student must complete the specified university-wide requirements for that degree.

Requirements for the Second Baccalaureate Degree (Dual Certificate)

A student completing a second bachelor's degree in the College of Communication must complete at least thirty (30) semester hours at Florida State University, in addition to the required hours for the first degree. The student must complete a new major and a new minor (with no overlap between these and the first major and minor).

Note: To distinguish between second baccalaureates and second majors (also known as double majors), see the appropriate paragraph under “Undergraduate Degree Requirements” in this General Bulletin.

Honors in the Major

Both communication and communication disorders offer an honors program in the major. It is designed to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Dean’s List

Students who in any term carry a full-time course load of twelve (12) or more letter-grade semester hours with a grade point average (GPA) of 3.5 or above earn the distinction of being on the dean’s list.

Graduate Degree Programs

Students making application for admission to one of the departmental graduate programs must also apply through the University Office of Admissions (http://admissions.fsu.edu).

Communication Disorders

Programs of study leading to the master of science, master of arts, advanced master’s, and doctor of philosophy degrees are available in the Department of Communication Disorders (see the departmental entry in the Graduate Bulletin and the college Web site, http://www.comm.fsu.edu, for complete descriptions).

Communication

The graduate programs in communication offer several specialized emphases leading to the master of arts, master of science, and doctor of philosophy degrees (see the departmental entry in the Graduate Bulletin and the college Web site, http://www.comm.fsu.edu, for complete descriptions).

Research and Service Facilities

The College of Communication offers students enriched learning experiences through a variety of teaching, research, and/or service laboratories.

The Florida Government Performance Survey Research Center helps Florida government agencies determine how well they are meeting the needs of their customers. It also offers strategies to improve communication and organizational performance of state and local governments. It conducts public opinion polls, work climate and other employee surveys, and Web-based surveys, as well as media audience studies, readership surveys, message testing, focus groups, performance evaluation, and communication audits.

The communication science laboratories provide facilities for the study of physical and psychological aspects of sound, speech, voice, and language. The Speech and Voice 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. Computer-interfaced instrumentation is available for measuring vocal intensity and pitch, aeromechanical aspects of voice and resonance, and physiological functioning of respiration and the vocal apparatus. The Emerging Language Laboratory includes equipment for recording, editing, and analyzing audio and video samples of speech and language discourse and social interactions. On-site recording facilities accommodate small groups of children and children with their parents. Portable equipment is available for field recordings. Software programs for analyzing language samples and summarizing results are available. The Adult Language Laboratory provides facilities for the study of social and communication problems associated with acquired brain injury and illness in adults. These facilities are equipped with evaluation instruments and materials, audio/video equipment, and computers to facilitate data analysis.

The Speech and Swallowing Laboratory includes instrumentation to study the physiology/kinesiology of the speech/swallowing mechanism. Measurement techniques include surface electromyography, acoustic 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 seven similar centers in the state. Over 1200 individuals with autism or related disabilities have been identified in the 18 Florida panhandle counties served by the Florida State Center. The center provides services to eligible individuals for communication, social, and behavior problems, and provides information, consultation, and technical assistance to families and professionals. The center also trains professionals and pre-professionals who serve, or are preparing to serve, the client population.

The **Language and Literacy Lab** has tests and materials available for assessing language and literacy development. Audio-video equipment, computers, and software are available for the development and evaluation of curriculum materials in the lab and in the field. Wireless headphone systems allow multiple instructional lessons to be delivered simultaneously in classrooms in investigations of vocabulary, phonological awareness, and phonics instruction.

The **Neurolinguistic-Neurocognitive Research Center** is an interdisciplinary laboratory located in the Rehabilitation Center of Tallahassee Memorial Healthcare. A wide array of equipment and software is available to measure cognition and language. A GaitRite system assesses 30 parameters of gait in studies of the effects of cognitive load on posture, gait, and balance. A Biopac system is used to measure a variety of physiological parameters including EEG, EMG, EKG, respiratory, and cardiac function.

**Teaching Facilities**

The **Production Center** combines state-of-the-art media production complexes that support the video and audio production activities of the Department of Communication. The Production Center houses a variety of equipment and facilities: a fully equipped television studio; video-editing suites in several formats; field production cameras and recorders in each of those formats; computerized on and off-line editing, digital video effects, and computer animation capabilities; non-linear editing; and on-site engineering and management support. The facility was designed around the principle that students need maximum exposure to the equipment to develop the competency required in media production fields.

The interactive communication computer lab facilities are used for instruction and for the production of multimedia products. The mission of the program is to provide training and real-world experience to students in the Department of Communication. In fulfillment of this mission, the graduate program actively seeks partnerships with corporations, government agencies, and other organizations interested in developing products and services that use technology in innovative ways to meet specific information, communication, and educational needs. The graduate curriculum provides instruction in the integration of new communication technologies, e-commerce, social, organizational, and educational arenas. Building on a solid base of research in communication and interactivity, students learn how to analyze problems and present practical solutions.

**WVFS-FM (V-89)** is 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.wdfs.fsu.edu](http://www.wdfs.fsu.edu).

**Seminole Productions** is the Department of Communication’s video production unit. Seminole Productions provides a variety of services to other campus departments. One major client is the athletic department. Seminole Productions also produces the weekly University sports highlight show, **Seminole Uprising**, which reaches over two million households in Florida via the Sunshine Network. Students have numerous opportunities to become involved with Seminole Productions.

The **L. L. Schendel Speech and Hearing Clinic** is the primary teaching laboratory for students enrolled in the communication disorders master’s degree programs. This 40-room facility is the central focus of learning and service activity. Videotape laboratories, diagnostic audiology instrumentation, sound isolation rooms, electronic communication devices, and a complement of other clinical resources serve the program’s needs for clinical management and instruction.

The College of Communication maintains seven fully-equipped computer laboratories. While some labs serve specific program areas, others are available for general instruction and research. The labs are equipped with a full complement of personal computers and laser printers, all of which are connected to the college’s network. Connectivity to the network allows faculty and students to share data and collaborate on projects.

The labs’ personal computers include a full array of commercial software for word processing, spreadsheet development, database management, and academic applications for statistical and content analysis. Some of the labs serving the Department of Communication include hardware and software for fully integrated desktop publishing and video applications. The Department of Communication Disorders offers labs equipped with hardware and software for language sample analysis, instructional material development, and desktop publishing. Certain labs also include hardware and software for nonlinear video editing.
A student who applies for readmission to the college must meet the criminology and criminal justice degree requirements of the General Bulletin in force on the date of readmission.

Major Requirements

To major in criminology and criminal justice, a student must complete thirty-six (36) semester hours in criminology and criminal justice course work, including three (3) core courses (see below). An optional one-semester, full-time (fifteen [15] semester hour) internship is available. If a student chooses to take the internship, only three (3) of the fifteen (15) semester hours will count toward the required thirty-six (36) semester hours in the major. Students in the program are required to complete a minor or second major in another department or program outside the College of Criminology and Criminal Justice, and they must meet all requirements stipulated by that department or program.

For students transferring from another four-year university, at least twenty-seven (27) semester hours must be earned at Florida State University in the College of Criminology and Criminal Justice; the University requires the last thirty (30) semester hours prior to graduation be taken at Florida State University. In addition, all regular University requirements must be met for either the bachelor of arts (BA) or the bachelor of science (BS).

Core Courses

The core courses are Introduction to Criminal Justice (CCJ 2020), Criminology (CCJ 3011), and Introduction to Research Methods in Criminology (CCJ 4700). The latter two courses are expected to be taken at Florida State University. A minimum grade of “C” (2.0) must be obtained in each core course. CCJ 2020 can be taken at the community college level.

Internships

A variety of internships are available at the local, state, and federal levels. Internships can be chosen from the fields of law enforcement, courts, corrections, criminal justice planning, criminological research, and private sector opportunities. The internship is available for juniors and seniors who have completed the core courses (CCJ 2020, 3011, 4700) and have satisfied the CLAST requirement. The intern receives a satisfactory/unsatisfactory (S/U) grade, and full credit is given upon successful completion of both the academic component and the work hours.

Students are advised that information pertaining to all matters of public record, such as arrests and convictions, may be required by the agencies accepting interns. Although a reasonable effort is made to place a student in an internship, the University will not be liable if a student cannot be placed. Students are 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 admission to Florida State University. Students cannot take CCJ 4905r, Directed Individual Study, CCJ 4933r, Seminar in Criminology, or CCJ 4938r, Special Topics in Criminology, to fulfill the minor. Grades of “C−” or better are required for all coursework in the minor.

Certificates

The College of Criminology and Criminal Justice offers four certificate programs: corrections, law enforcement, security administration, and underwater crime scene investigation (UCSI offered at the Panama City campus only).
Honors in the Major

The College of Criminology and Criminal Justice encourages its honors students to participate in the honors in the major program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Bachelor’s to Master’s Degree Program

The College of Criminology and Criminal Justice offers a combined bachelor’s to master’s degree program (BS to 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

Participants in the BS to MS program must:

1. Have completed ninety (90) semester hours of undergraduate coursework;
2. Have a minimum GPA of 3.25; and
3. Meet with an academic adviser to determine eligibility for the combined degree program.

Note: Enrollment in the combined program does not guarantee acceptance to the graduate program in the College of Criminology and Criminal Justice. Students must still apply to the graduate program and meet all graduate requirements to earn the master’s degree.

Student Activities

Alpha Phi Sigma is the nationally recognized honor society of students in criminology and criminal justice. The society recognizes academic excellence of undergraduate and graduate students with a declared criminology/criminal justice major or minor. To become a member, a student must have completed one third of the total hours required for graduation at his or her institution. The local chapter adviser or faculty member must recommend the student. Undergraduate students must maintain a 3.0 overall GPA and a 3.2 in their criminology and criminal justice courses. Students must also rank in the top 35% of their class and have completed a minimum of 4 courses within the criminology and criminal justice curriculum. Graduate students are required to maintain a GPA of 3.4 in all courses. For additional information about the history of Alpha Phi Sigma and application forms, please stop by the Student Services Office in the Hecht House.

The American Criminal Justice Association-Lambda Alpha Epsilon is devoted to continuing high levels of professionalism in all areas of criminal justice. Any student committed to the field of criminal justice is invited to participate. The chapter holds regular meetings to provide members opportunities to exchange ideas and information. The Lambda Chapter of ACJA has much to offer students, including a pistol team, a crime scene team, and an academic team.

Scholarships, Awards, and Financial Aid

There are several scholarships available to students majoring in criminology and criminal justice. Applications are available in the spring of each academic year, in the Student Services Office in the Hecht House or online at http://www.criminology.fsu.edu. A committee appointed by the dean selects the recipients.

Scholarships awarded to undergraduates include the Kelley R. Ivey, Ernest Kearns Ponce De Leon, Jerry A. and Carolyn S. Glass, Frank A. and Lynn W. Baker, James C. Sweat, and Rob Williams memorial scholarships. In addition, the Joe Harris Memorial Award and Robert L. Clark Memorial Award are presented yearly to outstanding graduate students.

Small loans are available to undergraduates from the Tompkins Student Loan Fund. Further information on loans, grants, work-study opportunities, and scholarships is available from the college or from the University’s Office of Student Financial Services.
COLLEGE OF EDUCATION

Dean: Marcy P. Driscoll; Executive Associate Dean: David Foulk; Associate Dean for Student Affairs: Barbara J. Edwards; Associate Dean for Academic Affairs: Lynn A. Wicker.

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. Florida State University prepares educational leaders who uphold high professional and academic standards and employ scientific inquiry and assessment as a basis for the continual improvement of student learning. They address the needs and abilities of diverse students through the use of appropriate instructional strategies and technology. These qualities are developed as candidates study and work within a community of professional partners.

The primary purpose of the College of Education is to prepare teachers and a variety of human services practitioners for a wide range of educational careers. The faculty of the College of Education provides the experiences that enable students to acquire professional competencies required in each field.

The college believes that all of its students should acquire a solid grounding in the liberal arts and an understanding of human learning and behavior and social action. The responsibility for meeting these academic goals is shared by the college and by other colleges, 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
Educational Leadership/Administration
Educational Policy, Planning and Analysis
Higher Education
History and Philosophy of Education
Institutional Research
International/Intercultural Development Education
Social Science and Education
Graduate Certificate in College Teaching
Graduate Certificate in Educational Policy
Graduate Certificate in Human Resource Development

Department of Educational Psychology and Learning Systems

Counseling and Human Systems
Combined Program in Counseling Psychology and School Psychology
Instructional Systems
Learning and Cognition
Measurement and Statistics
Open and Distance Learning
Program Evaluation

School Psychology
Sports Psychology
Graduate Certificate in Human Performance Technology
Graduate Certificate in Online Instructional Development

Department of Childhood Education, Reading, and Disability Services

Early Childhood Education
Elementary Education
Emotional Disturbances/Learning Disabilities
Mental Disabilities
Reading Education/Language Arts
Rehabilitation Services
Special Education
Visual Disabilities

Department of Middle and Secondary Education

Community Health Education
English Education (Middle and Secondary English)
Health Education (School Health and Community Health)
Mathematics Education (Middle and Secondary Mathematics)
Middle Grade Mathematics Education
Multilingual/Multicultural Education (French, German, Latin, and Spanish)
Science Education (Biology, Chemistry, Earth-Space Science, Middle Grades Science, and Physics)
Secondary Mathematics Education
Social Science Education
Certificate in Teaching English to Speakers of Other Languages, undergraduate/graduate
Interdepartmental Certificate in Developmental Disabilities
Graduate Certificate in Early Childhood/Special Education

Department of Sport Management, Recreation Management and Physical Education

Physical Education
Recreation and Leisure Services Administration
Sports Administration
Sports Management
Certificate in Special Event Management, undergraduate/graduate
Graduate Certificate in Museum Studies

Admission Standards for University Teacher Education Programs

All teacher education programs at 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, and education of mental disabilities and visual disabilities are limited enrollment programs with capped enrollments. Students who satisfy the minimum requirements listed in this General Bulletin are not guaranteed admission to these programs. The programs will accept the most qualified students.

Many departments have retention and exit standards that exceed normal University requirements. Refer to the department section for specific admission requirements and check with a departmental adviser.
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

Florida State University’s 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 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 Florida State University

Art Education (College of Visual Arts, Theatre, 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 (College of Music)

Note: Students should consult with an adviser to determine how to simultaneously satisfy Florida State University liberal studies requirements and the teacher preparation general education core curriculum requirements.

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 X701;
3. EME 2040*.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. 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 adviser for details.

Note: Courses marked with an asterisk (*) may have at least one acceptable substitute, depending upon department degree program. Contact the department for details.

Department/Program Prerequisites

See department listings in the General Bulletin for each department/program’s common course prerequisites.

Common prerequisites and total program length for state-approved teacher preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs.

Criteria for Admission and Application to a Teacher Education Program

1. Have at least a 2.5 (on a 4.0 scale) grade point average (GPA) for the general education courses of the undergraduate studies; and
2. Have a grade of “C-” or better in each required general education (liberal studies) English and each general education (liberal studies) mathematics course; and
3. Take and achieve a passing score on all sections of the CLAST, or the General Knowledge portion of The Florida Teacher Certification Exam; 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; and
5. Be approved by the appropriate teacher education department in accordance with departmental criteria; and
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; and
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 adviser 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 conferral of a degree from 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.

**Minor In Education**

Students interested in completing a fifteen-hour minor in professional education (PTO) should contact the Office of Academic Services.

**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; 2) to provide a wide array of professional and administrative services to students and faculty in the college; 3) to maintain the dean’s academic records for all students who are pursuing curricula in education; 4) to monitor students’ degree progress; 5) to screen and approve students for admission to teacher certification; 6) to conduct required graduation clearance and approve students for teacher certification; and 7) to provide consultative and administrative services for the students and faculty in the college.

**Office of Clinical Experiences**

**Director:** Connie Gaede

The Office of Clinical Experiences is responsible for the assignment and placement of students for student teaching experiences. The director works with teacher education programs in the University and the public schools of Florida in the organization of student-teaching centers and the selection of supervising teachers for student teaching. Faculty members work with supervising teachers and student teachers in planning and implementation of the student teaching experience. The Office of Clinical Experiences is responsible for the final identification and screening of all students who make application for student teaching.

Students are assigned for the student teaching experience in those counties listed below. Academic programs have the discretion to establish a minimum group size of two or more student teachers per county. Academic programs may also restrict placement to particular counties. 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 communication disorders, visually impaired, music, and consumer sciences will also be concentrated in those counties listed but may be placed in additional locations should program certification requirements dictate their use.

**Placement Locations**

- **Area I:** Gadsden, Jefferson, Leon, Madison, Taylor, and Wakulla counties.
- **Area II:** Bay, Calhoun, Jackson, Liberty, Okaloosa, Walton, and Washington counties.
- **Area III:** Brevard, Orange, Seminole, and Volusia counties.
- **Area IV:** Hillsborough, Manatee, Pasco, Pinellas, Polk, and Sarasota counties.
- **Area V:** Broward, Dade, and Palm Beach counties.
- Florida State University College of Education Professional Development Schools.
- Other areas as determined by the University Director of Teacher Education.

Academic programs are expected to inform their students of departmental placement 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 laws of the state of Florida. Candidates are also informed that, consistent with applicable law, information pertaining to all matters of public record, such as arrest and/or convictions in a court of law, may be routinely furnished to public schools as well as prospective employers. Finally, fingerprinting, drug testing, and background checks may be required for placement in some counties.

**Application to Student Teaching**

An application for student teaching must be submitted to the Office of Clinical Experiences according to the following schedule:

- **Spring Semester:** 3rd Monday of September
- **Fall Semester:** 2nd Monday of February
- **Summer Semester:** 1st Monday of April (restricted)

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

**Criteria for Admission to Student Teaching**

The following criteria are required for placement to student-teach:

1. Admission to teacher education outlined above under ‘Criteria for Admission and Application to a Teacher Education Program’;
2. Successful completion of at least one semester of residence at Florida State University;
3. Successful completion of subject area specialization and professional education coursework outlined above under ‘Subject Area Specialization/Professional Education/Clinical Experience Curricula’ prior to student teaching;
4. Achievement of an overall GPA of 2.5 in all upper-division course work (a higher GPA may be required by some academic programs for particular core courses);
5. Achievement of senior status; and
6. Successful completion of standards, specific clinical experiences set by the program or the University.

**Office of Minority Affairs**

**Director:** TBA

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.
The accelerating pace of technological developments has created an ever-increasing demand for highly qualified, professional engineers to maintain the high-tech momentum already achieved and to extend and direct its course. Expanding population and corresponding demands for new products, structures, designs, and improved services have posed new challenges to present and future engineers. Accordingly, the College of Engineering, through its curricula, strives to educate and train engineers to use scientific knowledge and problem-solving skills to determine the best solutions to the problems of today and the future.

It is expected that students who conscientiously apply themselves and successfully complete one of the broad engineering programs will not only be technically trained, but also humanistically and socially educated, and thereby be well prepared to make a significant contribution to the world in which they work.

An engineering student can pursue any one of several career plans, according to personal ambitions, interest, and abilities. The student may pursue the bachelor of science (BS) degree or an advanced research-oriented graduate program leading to the master of science (MS) or doctor of philosophy (PhD) degrees.

An engineer usually works as a member of a team in solving a problem or designing products or processes. The engineer’s responsibility may include some of the following: 1) the conception of an idea, including a careful delineation of the problem; 2) the design of an item or process, including operational and production requirements; 3) the selection of materials; 4) the determination of markets; 5) the assessment of sociological effects and determination of methods for controlling these effects; 6) the design or selection of machines for production; and 7) the control of costs. Currently, over two-thirds of all technical positions and a large percentage of managerial positions in industry are occupied by engineers.

**History and Goals**

The FAMU–FSU College of Engineering was authorized by the 1982 legislature as a joint program between Florida Agricultural and Mechanical University and Florida State University. The joint nature of the college allows a student to register at either Florida A&M University or Florida State University and receive a degree in any of the college’s programs. A student entering the college applies for admission through one of the two universities and must satisfy the admission and general degree requirements of that university. The degree is granted through the College of Engineering by the university where the student is registered while completing upper-division studies. All College of Engineering classrooms and administrative and faculty offices are housed in a modern engineering complex located at 2525 Pottsdamer Street adjacent to Innovation Park.

**Mission**

The mission of the college is to provide an innovative academic program of excellence at the graduate and undergraduate levels judged by the highest standards in the field and recognized by national peers, to attract and produce greater numbers of women and minorities in professional engineering, engineering teaching, and research; and to attain national and international recognition of the college through the educational and research achievements and the professional service of its faculty and students.

**Programs and Degrees**

The college offers professional programs of study leading to the bachelor of science (BS), 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. More complete information can be found at the College Web site (http://www.eng.fsu.edu/) and in the department sections of this General Bulletin.

**Facilities**

The college occupies over 200,000 square feet 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 (NHFML), the Center for Advanced Power Systems, and other university, public, and private organizations engaged in research, development, and clean industry operations. The college operates for the common use of all programs a computing facility, a library and reading room, and a machine shop. In addition, each department in the college operates specialized laboratories for teaching and research; please refer to each department’s chapter for additional information on these specialized facilities.

**Libraries**

The main book and journal collections for engineering are housed in the Dirac Science Library at Florida State University and in the Coleman Library at Florida A&M University. The college also maintains an engineering library resource and reading room (also referred to as the engineering reading room or the college library) that functions as a satellite to the two university libraries relative to engineering needs. Collections at the college library include monographs, texts, and reference works that directly support instruction and research at the college. Library computer facilities enable extensive electronic literature search throughout the university libraries and other sources. Library services include literature search training sessions for students and faculty. The college library is headed by a full-time librarian who is also a staff member of one of the two university libraries. Other college library personnel include assistants supported by the college.

**Computing Facilities**

Students at the college have access to a large number and variety of computing resources at the College of Engineering. Due to the unique requirements of engineering computing and the off-campus location of the college, the college is relatively autonomous in providing service to engineering students.

The college has over 2800 computing devices connected to its local network managed by the college’s Communication and Multimedia Services (CMS). Over 230 of these machines for general student use are high-end Pentium class workstations supported by a cluster of Sun Enterprise Series servers and RAID storage system. CMS continues to evaluate and upgrade computer workstation hardware as the computational needs grow. Computer labs connect to the college’s gigabit fiber-optic backbone via 100Mbps Ethernet connections. One of the computer labs is open 24 hours a day when classes are in session; the other three are used as classrooms. 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 and Linux-based computing clusters to perform complex number crunching for simulations.

The college’s computing infrastructure uses a gigabit core Layer 3 switch to connect all communications via gigabit fiber optic cables. The college internet connection is a gigabit link connecting through the Florida State University backbone (Florida State University acts as the Internet services provider for the college) allowing for faster access to the Internet2 and the new LambdaRail network. Florida A&M University’s computing facilities also are connected to the Tallahassee MAN, thus providing a link to the college for its students. In addition to local Ethernet network, the college has set up a wireless server...
infrastructure with access points in the college atriums for students who may want to use their own laptops to connect to the college’s computing resources.

The college 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. Multiple rooms are used for distance learning and the Florida Engineering Education Delivery System (FEEDS); these rooms have two studio cameras and one document camera connected to a desktop PC with a scan converter to display Web pages. A two-way live videoconferencing link via dedicated Fractional T-1 to the FSU-Panama City campus provides interactivity to synchronous distance delivery of classes to those students.

A Real Video G2 server is used to stream live and recorded programs, classes, and events from the college. The Poly Com VS4000 provides for 4-point IP videoconferences.

Supporting Facilities

Other nearby resources include the School of Computational Science (SCS); the Office of Technology Integration (OTI); the National High Magnetic Field Laboratory (the ‘Mag Lab’); the Center for Advanced Power Systems (CAPS); the Challenger Learning Center in downtown Tallahassee that houses a 3-D IMAX theatre, planetarium, and a Challenger Space Mission and Control Center; Northwest Regional Data Center (NWRDC); Florida Department of Transportation research facilities; and WFSU Public Broadcasting television and radio stations as well as FAMU Computing Services.

Scholarships

Thanks to the donations from industry partners, educational programs, and private donors, the College of Engineering is able to offer a limited number of scholarships to qualified engineering students. Students can obtain scholarship information from the Office of Associate Dean for Student Affairs and Curriculum or by visiting the college Web site at http://www.eng.fsu.edu/scholar.php.

Career Services

The college provides a Career Center Office for students to obtain career related services. In addition, the University maintains a satellite office in the College Career Center to assist students in career and employment advising, including resume, cover letter and personal statement writing, and internship co-op opportunity and permanent job searches nationwide. Career Center staff also aid in preparing engineering students for interviews and presentations at career expositions, such as Engineering Day.

Honors in the Major

The College of Engineering offers honors in the major in several departmental programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for Admission and Retention in an Engineering Major

Engineering is a profession demanding discipline, and students majoring in engineering must follow a required sequence of courses and achieve a high level of proficiency. In accordance with criteria of the Accreditation Board for Engineering and Technology (ABET), all engineering students are subject to a uniform set of academic requirements agreed to by both FAMU and FSU, 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

All first-year engineering students (first-time-in-college or first-year transfer students) are initially coded as pre-engineering students until they satisfy the following pre-engineering requirements:

1. A grade of “C” or better in EGN 1004L, First Year Engineering Laboratory (1 hour). One repeat attempt is permitted. A student who needs more than one repeated attempt will not be allowed to continue in the engineering program. A transfer student may be eligible for an exemption of this requirement provided the student has completed requirement (2) listed below upon matriculation to the College of Engineering.

2. Students must achieve a grade of “C” or better, from any institution attended, in Calculus I, Calculus II, General Chemistry I, and General Physics I to be admitted to an engineering major. Intended chemical engineering students shall replace General Physics I with General Chemistry II. A single repeated attempt in only one of the four (4) courses listed above with no more than one grade of “C–” is allowed. Any student who needs two repeated attempts to complete the four courses or has two or more grades of “C–” may be considered for continuation in engineering if additional grade and coursework requirements are satisfied. These additional requirements are determined by each academic program. Any student who needs more than two repeated attempts to complete the four courses listed above does not satisfy this requirement and will not be allowed to continue in the engineering program.

3. Once a pre-engineering student satisfies all the pre-engineering requirements, he/she may visit the Office of Associate Dean to initiate the transfer process to his/her intended engineering major prior to the beginning of the following semester.

Course Grade Requirement and Practice

1. It is the practice of the college not to use “plus and minus (+/–)” grading for any undergraduate engineering course.

2. Engineering majors must earn a grade of “C” or better in all engineering courses that apply toward the degree. This requirement may be waived by the academic dean upon recommendation from the department chair for no more than one (1) such course; and

3. A student who is failing a course cannot receive a grade of Incomplete (I). The student must make up any missing work during the next term of the student’s enrollment.

Repeated Course Attempts Policy

A student who fails to earn a grade of “C” or better after a second attempt in the same engineering course, or who has an excessive number of repeated engineering course attempts, may be transferred from his/her current engineering major to the pre-engineering major. The student may be reinstated back to his/her original engineering major only upon the approval of the engineering dean and Council of Academic Program Coordinators (CAPS).

Engineering Course Prerequisites Policy

It is the student’s responsibility to be aware of the prerequisites of an engineering course prior to enrollment in that course. A student may contact the engineering dean or department chair for additional information concerning course prerequisites and this policy. Failure to fulfill course prerequisites may result in the removal of the course from the student’s enrollment at any time during the semester, with no refund of tuition or fees.

College of Engineering Council of Academic Program Coordinators

The College of Engineering Council of Academic Program Coordinators (CAPC) has been assigned the responsibility to ensure that these academic requirements are equitably and consistently applied to all engineering students.
Course Withdrawal/Drop Policy

1. Engineering students who seek to withdraw from or drop a course should do so by the end of the seventh week of classes. Engineering students are not allowed to drop or withdraw from a course after the deadline without the approval of the engineering dean.

2. Any engineering student with excessive course withdrawals/drops may be transferred from his/her current engineering major to the pre-engineering major until he/she has met with an academic adviser to determine what steps are needed to improve the student’s academic performance.

Transfer Students

Students who plan to enroll in another institution for the first two years and then transfer into the College of Engineering should use great care in selecting freshman and sophomore course work. To be admitted to an engineering major, transfer students must have satisfied the same pre-engineering requirements as students who take all their course work at FSU. Students are advised to consult with the college as early as possible concerning their first two years of study.

Bachelor of Science Degree Requirements

A student who has taken a college preparatory curriculum in high school including algebra, geometry, trigonometry, physics, and chemistry can complete the requirements for the bachelor of science (BS) degree in four years and one summer with an average load of sixteen (16) hours per semester. A student with superior high school training may take advantage of opportunities for advanced placement through the University’s programs for acceleration. In order to satisfy the State of Florida, Division of Colleges and Universities, requirement of summer attendance, it is recommended that students enroll in the summer session at the end of the first year. Students who are not prepared to begin with calculus I (MAC 2311) may need to attend one additional summer session.

The engineering curriculum is made up of five components: liberal studies, first-year engineering laboratory, engineering core, required courses in the engineering major area, and technical electives.

Liberal Studies

All students must meet University requirements for baccalaureate degrees stated in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Of the thirty-six (36) semester hours required in liberal studies, thirteen (13) of these semester hours are automatically satisfied by the engineering core courses listed herein. The engineering student must take a total of twenty-four (24) semester hours in the areas of English, history, humanities, and social sciences. Students unprepared to begin calculus at the university level must, of course, also complete the necessary mathematics course work preparatory to calculus. All prospective engineering students should select humanities and social science courses to meet the above requirements.

First-Year Engineering Laboratory

All engineering students must complete the one-hour laboratory (or its equivalent) EGN 1004L. Students who enter the engineering program having completed all of the requirements listed under “Pre-engineering Requirements” except for completion of EGN 1004L may receive a waiver of this requirement if they attend the New Engineering Student Orientation. Students who are pursuing a second baccalaureate degree in engineering may also receive a waiver with permission of the engineering dean. Any student who transfers out of engineering and then desires to transfer back to engineering must complete the course or its equivalent.

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:

- CHM 1045C General Chemistry I (4)
- CHM 1045L General Chemistry I Laboratory (0)
- EEL 3003 Introduction to Electrical Engineering** (3)
- EEL 3003L Introduction to Electrical Engineering Lab*** (1)
- EGM 3512 Engineering Mechanics** (4)
- EGN 2123 Computer Graphics for Engineers**** (2)
- EGN 3613 Principles of Engineering Economy (2)
- EML 3100 Thermodynamics (2)
- MAC 2311 Calculus with Analytical Geometry I (4)
- MAC 2312 Calculus with Analytical Geometry II (4)
- MAC 2313 Calculus with Analytical Geometry III (5)
- MAP 3305 Engineering Mathematics I (3)
- PHY 2048C General Physics A (5)
- PHY 2049C General Physics B (5)

* Except for chemical and mechanical engineering majors.
** Except for mechanical engineering majors.
**** Except for electrical and computer engineering majors.
***** Except for chemical, mechanical, electrical, and computer majors.

Engineering Major Area

Course requirements for engineering major areas consist of additional mathematics and basic science courses, engineering science courses, and engineering design courses. A current statement of requirements for engineering major areas is available as advising materials in the academic departments.

Definition of Prefixes

EEL—Electrical Engineering
EGM—Engineering Mechanics
EGN—General Engineering
EML—Mechanical Engineering

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 non-electrical 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 3121; 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 global challenges and opportunities related to the physical, behavioral, and economic factors influencing the health and development of individuals, families, and communities. The college, which through its mission focuses on some of the most urgent issues in society, includes bachelor’s, master’s, and doctoral programs in three academic departments: textiles and consumer sciences; family and child sciences; and nutrition, food, and exercise sciences.

The baccalaureate degree programs are sufficiently broad to provide graduates with choices upon entering the job market. The reputation of the programs through the years means that graduates are regularly sought for professional positions in corporations, human services, public schools, hospitals, and other health agencies, among others.

Although the programs within the college are diverse, students graduate with an integrative approach in addressing societal concerns; critical thinking skills regarding issues affecting individuals, families, and communities; and fundamental competencies necessary to carry out professional roles. In addition, select programs require faculty supervised internships, which provide students with the experience of applying theoretical and research knowledge.

The various student organizations in the college provide opportunities to extend interaction with faculty and professional leaders through a variety of activities, including field trips, service projects, and seminars. Many students increase their leadership and communication skills through involvement in these organizations.

The college is fully accredited by the American Association of Family and Consumer Sciences (AAFCS) and by the National Council for Accreditation of Teacher Education (NCATE) through the family and consumer sciences education program. In addition, the college has a Didactic Program in Dietetics (DPD) and a Dietetic Internship (DI) accredited by the Commission on Accreditation for Dietetic Education (CADE); an Athletic Training Program accredited by the Commission on Accreditation of Athletic Training Education (CAATE), and a Certification in Family Life Education approved by the National Council on Family Relations.

The college has an Eminent Scholar in Family and Child Sciences. The Family Institute, which is housed in the College of Human Sciences, includes the Center for Family Services; the Center for Marriage and Family Therapy; and the Inter-University Center for Child, Family and Community Studies.

Facilities

Special laboratories that enhance and enrich the student’s education include: the Historic Clothing and Textile Laboratory, which houses the Carter Collection of Peruvian Textiles and the most extensive collection of accessories and children’s and women’s wear in the Southeast; the Lectra Computer-Aided Design Laboratory; the Macy’s Merchandising Laboratory; chemical, analytical, and microbiological laboratories for food and nutrition science majors; off-campus child development observation laboratories; the exercise physiology laboratory for monitoring the effect of exercise on metabolism, functionality, autonomic control, and aerobic performance; the textile evaluation laboratory; and a state-of-the-art multimedia laboratory.

Opportunities

Undergraduate students may participate in Honors in the Major (see the “University Honors Office and Honor Societies” chapter of this General Bulletin) and may pursue a double major consisting of a combination of two degree programs. Practica are required in child development and athletic training. Internships are an integral part of degree programs in merchandising and family and consumer sciences education. Students majoring in family and child sciences may opt to have an internship if required academic criteria are met. Students who complete the DPD Program are eligible to apply for post-baccalaureate accredited dietetic internships in selected hospitals and community settings. The College of Human Sciences also offers a Living-Learning Center at Reynolds Hall with an emphasis on wellness.

Scholarships/Awards

The college awards monetary scholarships annually. In addition, monetary scholarships are awarded annually by each department. Some of the awards are based on scholarship, some on need, and some on a combination of both.

Undergraduate Degree Programs in Human Sciences

Department of Family and Child Sciences

Family and Child Sciences
Family Consumer Sciences Education
Human Sciences with a major in General Human Sciences

Department of Nutrition, Food and Exercise Sciences

Food and Nutrition with majors in:
• Dietetics
• Food and Nutrition Science
Athletic Training
Exercise Science

Department of Textiles and Consumer Sciences

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

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 or in applied music and music activities. Also, students may receive up to two (2) semester hours in physical education activities, which can be counted toward the degree. Candidates for the bachelor of arts degree must meet the foreign language requirement and other special requirements of the University.

Admission Requirements for College of Human Sciences

To transfer from undergraduate studies into one of the departments in the College of Human Sciences, the student must have a GPA of at least a 2.0 and a passing score on the CLAST exam. In addition, students who are not subject to mapping must satisfy the following departmental prerequisites:

- For the Department of Family and Child Sciences, at least a “B-” in FAD 2230, 3220, 3271, and CHD 3220 with only one repeat of each course allowed;
• For the Department of Nutrition, Food and Exercise Sciences, at least a “B–” in HUN 1201 and at least a “C+” in PET 3322;
• For the Department of Textiles and Consumer Sciences, specified courses for the majors of apparel design and technology, merchandising, and textiles must be completed with at least a grade of “C–” or higher (see department listing). For merchandising majors, ACG 2021 must also be completed with at least a “C–” or better.

Academic Performance and Retention

The College of Human Sciences reserves the right to discontinue enrollment of any student in the major at any time if satisfactory academic progress is not being made. In addition to satisfying the above departmental prerequisites, the following are the specific departmental academic performance and retention policies:

• For the Department of Family and Child Sciences, students majoring in family and child sciences must have a minimum overall GPA of 2.5 in major courses to graduate; students majoring in general human sciences must have a minimum overall GPA of 2.5 in major courses and the college core courses to graduate.
• For the Department of Nutrition, Food and Exercise Sciences, students majoring in dietetics, food and nutrition science, athletic training, or exercise science must achieve a “C–” or better in all other required courses and must have a minimum FSU overall GPA of 2.5 to graduate.
• For the Department of Textiles and Consumer Sciences, a “C–” or better must be achieved in all other courses required for the majors in apparel design and technology, merchandising, and textiles. An FSU overall GPA of 2.5 or better is required to take senior level courses, to intern, and to graduate in each of these majors.
College of Information

Dean: Larry Dennis; Associate Deans: Robert Brooks, Corinne Jørgensen

In the emerging connected society, information and information technology are ubiquitous and influence almost all forms of human activity. Modern IT professionals use information and technology to support the goals and cultures of the people and organizations they serve. The College of Information’s bachelor of science in information technology (IT) program prepares graduates who can apply technology innovatively, manage information purposefully, communicate effectively, and work productively with people. Successful information technology professionals determine an organization’s information needs and then design, create, and manage information systems to meet those needs. In the IT program students participate in hands-on learning experiences designed to develop and hone leadership skills in communication, technology, teamwork, information management, critical thinking, and problem solving.

The BS in IT program is a forty-two (42) semester hour program, offering two concentrations, one in information systems and services, and the other in information organization and communication. Each track requires four (4) foundation courses, two (2) introductory courses, two (2) capstone courses, three (3) track courses and three (3) electives. The information systems and services track focuses on information systems, including databases, Web development and administration, and networks and networking. The information organization and communication track focuses on the organization, labeling, and navigation of information systems; on the structural design of an information space; and on the design and architecture of digital information systems.

The demand for IT professionals continues to grow. The bachelor of science in IT offered by the College of Information draws upon the service tradition of the early information fields to educate IT professionals who make a difference in the organizations for which they work and create value through the appropriate and judicious use of information technology. Specific careers include information architect, network administrator, technical editor/writer, usability analyst, content manager, systems analyst, technology coordinator, and Web developer/administrator.

In addition to the BS in information technology, the College of Information offers a master of science (MS) degree in library and information studies, a specialist (S) degree, and a doctor of philosophy (PhD) degree.

The College of Information was established in 1947 as a professional school and is one of the top-ranked programs in the nation. The master’s degree program is accredited by the American Library Association, and the college is a member of the Association for Library and Information Science Education.

Requirements for All Incoming Students

All new main campus undergraduate students who enter the College of Information are required to provide their own laptop computer and the appropriate software. Specific information may be found on the college’s Web site at http://ci.fsu.edu/.

Requirements for a Major

Students are eligible to major in information technology after completing a program of liberal studies with an overall grade point average (GPA) of 2.0 or better. All students of Florida State University must fulfill the Liberal Studies Program requirements set forth in the “Undergraduate Degree Requirements” chapter of the General Bulletin.

Transfer students who have earned an associate of arts (AA) degree from a Florida public community college or state university will be considered to have met the liberal studies requirement.

Program Prerequisites are:

- STA 2122 Introduction to Applied Statistics
- ECO 2013 Principles of Macroeconomics
- PSY 2012 General Psychology
- CGS XXXX A database concepts course
- COP XXXX A programming course
- MAN XXXX An object-oriented course
- MAC XXXX Precalculus or Discrete Mathematics
- PHI XXXX A general ethics course

For additional information concerning undergraduate degree programs, please refer to the college’s Web site at http://ci.fsu.edu/.

Core Program

To major in information technology, a student must complete a minimum of forty-two (42) semester hours in information technology including the six (6) core and two (2) capstone courses:

- LIS 3021 Technical Communication for the Information Professional
- LIS 3201 Research and Data Analysis for Information Professionals
- LIS 3267 Information Science
- LIS 3353 Technologies for Information Services
- LIS 3706 Information Systems and Services
- LIS 3784 Information Organization and Communication
- LIS 4708 Perspectives on Information Technology
- LIS 4910 Information Technology Project

Note: All courses must be completed with a minimum grade of “C–.”

Requirements for a Minor

With the approval of the academic dean of the College of Information, a minor in information technology may be obtained upon completion of at least four (4) of the six (6) core courses (LIS 3021, LIS 3201, LIS 3267, LIS 3353, LIS 3706, and LIS 3784). All courses must be completed with a minimum grade of “C–.”

Facilities

The College of Information resides in the Louis Shores Building, which houses classrooms, computer laboratories, and administrative offices. The New Technology (NT) Laboratory includes small-scale Local Area Networks, experimental servers, digital video equipment, and other cutting-edge technology. It provides students an opportunity to gain hands-on experience in network administration, UNIX server administration, and multimedia resource production, and is used for special independent and group projects under the supervision of faculty and staff. Made possible in part by a grant from the Kellogg Foundation, the Usability Center is a fully equipped usability laboratory for conducting, observing, recording, and analyzing usability evaluations. The iSpace computer cluster and learning lab provides students with access to a modern Web development environment with scripting language and database access, media production facilities, and a flexible virtual computer environment for experimenting with and using modern information technology tools.
COLLEGE OF LAW

Dean: Donald J. Weidner; Associate Deans: Nancy L. Benavides, Donna R. Christie, Jim Rossit, Mark B. Seidenfeld, Stephanie L. Williams; Director of Law Library: Faye Jones

The College of Law educates students for the practice of law and develops in them the breadth of vision and qualities of character necessary for meeting the full responsibilities of the legal profession. Its aim is excellence in the preparation of students so that they will acquire the knowledge, comprehension, skills, and judgment essential to the performance of legal services in a complex and rapidly changing society.

Prelegal Education

The services in which a law graduate may become engaged are so diverse that no uniform prelegal undergraduate course is prescribed. A broad educational background has been considered a desirable preparation for law study. A committee of the Association of American Law Schools has suggested these basic objectives of prelegal education: comprehension and expression in words; critical understanding of the human institutions and values with which the law deals; and creative power in thinking. A broader perspective rather than a too-detailed specialization is generally preferred. Students intending to pursue international law are encouraged to have knowledge of a foreign language as well as a familiarity of the history and culture of that nation. Other areas of law, particularly environmental law and intellectual property, are enhanced by a solid background in science or engineering.

Students from all majors have completed programs in law school. Regardless of major, however, the potential law student should have extensive writing experience. Analytical writing, particularly involving original research, is a critical element of both legal education and the practice of law. In addition, it is valuable for students to have a broad background in the liberal arts and sciences. Such fields as history, economics, philosophy, and literature figure prominently in legal analysis and ideally would be part of a rounded pre-legal education. In particular, knowledge of American history, microeconomics, and work in philosophy (whether courses in logic or various branches of philosophical thought) provide both the background and the habits of mind desirable in legal education. Some undergraduate majors lend themselves particularly well to this broad-based, writing-intensive model of education. Students whose majors do not provide many opportunities to write and to analyze texts critically should seek out elective courses that provide those opportunities. These courses are not prerequisite to a legal education, but students with strong undergraduate backgrounds are more likely to succeed in law school. The study required for a baccalaureate degree, a prerequisite to study at the College of Law, ordinarily provides a suitable background. As law study is interrelated with many disciplines, more emphasis is placed upon how well persons have done and their intellectual development than is placed upon the particular subjects studied. Undergraduate students who are thinking about law school are encouraged to visit the College of Law. Tours of the school and class visits may be arranged through the College Admissions Office, 210 B.K. Roberts Hall, (850) 644-3787, admissions@law.fsu.edu.

Degree Program

The degree of juris doctor (JD) is conferred upon College of Law graduates. The requirements for graduation are the successful completion of eighty-eight (88) semester hours of law study, including required courses as determined by the faculty of the College of Law. Grade average must be “C” or above for graduation.

The College of Law provides students the opportunity to demonstrate their special expertise by earning certificates in environmental, natural resources and land use law or international law. Both certificate programs carry requirements for specific courses and activities and a choice of electives. The programs require students to take only three (3) semester hours in addition to those required for the juris doctor (JD) degree.

Requirements for Admission

All inquiries regarding admission should be sent to: Admissions Office, College of Law, Florida State University, Tallahassee, FL 32306-1601. All registrants are required to have a baccalaureate degree from a regionally accredited college or university prior to commencing law study. Every prospective law student must take the Law School Admissions Test given by the Law School Admissions Services. Applications may be obtained from the College of Law or by writing: Law School Admissions Services, Box 2000, Newtown, PA 18940. Registration with the Law School Data Assembly Service is also required.

Applicants must furnish a transcript showing receipt of the baccalaureate degree prior to commencing law study. The Law School Admissions Test scores and the academic grade average are both considered among other factors in determining admission.

Interdisciplinary and Joint–Degree Programs

The College of Law offers joint-degree programs in cooperation with other colleges, 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 College of Information, and with the College of Social Work.

Additional information regarding law programs is contained in the University’s Graduate Bulletin and on the College of Law Web site: http://www.law.fsu.edu.

Summer Program in Law at Oxford

Director: Donna R. Christie
dchristi@law.fsu.edu

The College of Law conducts the oldest summer program in Oxford sponsored by an American law school. Since its establishment in 1973, law students from the United States and Canada and a limited number of graduate students in related fields, lawyers, and others have been taught by tenured members of the Oxford University and 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 at Oxford, Tallahassee, FL 32306-1600; (850) 644-4578; or log on at http://www.law.fsu.edu/academic_programs/international_law/oxford.
The college confers upon its graduates the degree of doctor of medicine (MD). Upon completion of the four-year MD educational program, these physicians pursue graduate medical education (internship, residency, and sometimes fellowships), which is necessary for eventual licensure. Training in residency programs may take from three to nine additional years after completion of medical school.

To be considered for graduation from the FSU College of Medicine, a student must be judged by the Student Evaluation and Promotion Committee to be in good standing, must successfully complete all required courses and clerkships, must have a grade point average of 2.5 or greater, must successfully complete the end-of-third-year OSCE (Observed Structural Clinic Examination), must complete all required surveys and evaluations, and must have a passing score on the United Stated Medical Licensing Examination (USMLE) Steps 1, 2CK, and 2CS. Further information may be found in the Graduate Bulletin and in the College of Medicine Student Handbook.

Honors Medical Scholars Program

The FSU College of Medicine has joined forces with the FSU Honors Office to established a BS/MD Program that is open to up to five students annually. The program will allow eligible FSU students to pursue a BS degree of their choice while also participating in the Medical Scholars Program, which will include a seminar, mentorship program, and required pre-medical courses and experiences. Students participating in the program will be eligible for early admission to the FSU College of Medicine upon completion of pre-med requirements, making it possible to graduate with BS and MD degrees in seven years. Applications and program details are available from the FSU Honors Office, (850)644-1841.

PhD in Biomedical Sciences

The PhD in Biomedical Sciences Program is designed to prepare the next generation of health scientists for medical research and teaching in an era of increasing coordination and integration of traditional disciplines. Undergraduate majors in biology, biochemistry, chemistry, microbiology, or other life sciences are suitable for graduate studies in biomedical sciences. Research rotations during the first year allow students to make an informed choice of the research area and major professor with whom they will conduct their PhD work. A core curriculum of the fundamentals, a wide array of electives from other departments, and intellectual interaction with faculty and post doctoral fellows all encourage graduate students to mature into independent scientists.

To be considered for graduation from the FSU College of Medicine with the PhD in biomedical sciences, the student must successfully complete all course requirements within five calendar years from the time the student gains admittance to candidacy by passing the preliminary exam. Other requirements for graduation include attending the Health Science Seminar Series; teaching at least two semesters; successfully completing the preliminary doctoral examination; submitting a doctoral research proposal approved by the major professor and the supervisory committee after admission to doctoral candidacy; registering for a minimum of twenty-four (24) semester hours of dissertation credit; and submitting, publicly presenting, and successfully defending a dissertation.

Additional details are available at http://www.med.fsu.edu/biomed.phd/default.asp, or for additional information or inquiries please contact us by calling (850) 645-6420.

Admission Requirements

Admission to the MD Program

All inquiries regarding admission should be sent to College of Medicine, Florida State University, Tallahassee, FL 32306-4300, or Email the school at medadmissions@med.fsu.edu.

To apply to the College of Medicine at Florida State University (FSUCOM), an applicant should apply through the American Medical College Application Service (AMCAS) and should have taken the Medical College Admission Test (MCAT). To receive the FSUCOM formal secondary application, an applicant should be a legal resident of Florida, should meet academic standards predictive of success in undergraduate prerequisites, and meet the Florida State University policies for admission.
medical school (academic grade point average and MCAT score), and should have completed the required prerequisite courses. A listing of prerequisite courses may be obtained by contacting the Pre-health Professions Advising Office in the College of Medicine or on the College of Medicine Web site at http://www.med.fsu.edu. An applicant’s MCAT score should be dated no more than three years prior to the beginning of the year of the application cycle. A bachelor’s degree is required by the time of matriculation to medical school. If an applicant currently is enrolled in a degree program, the program must be completed and transcripts provided to the College of Medicine Admissions Office prior to the beginning of classes in June.

Admission to the PhD in Biomedical Sciences Program

To apply for the PhD in Biomedical Sciences Program, students should contact the College of Medicine’s Office of Research and Graduate Programs at (850) 645-6420 or check the program’s Web site (http://www.med.fsu.edu/biomed.phd/default.asp) for other contact information. Admissions requirements for the PhD in Biomedical Sciences Program are as follows. A prospective candidate must: (1) have or be a candidate for a baccalaureate degree from an accredited college or university and be in good standing at the last institution attended; (2) have a minimum GPA of 3.0 (on a 4.0 scale); (3) have a minimum combined verbal and quantitative score of 1000 or above on the Graduate Records Examination (GRE). A GRE Subject test is strongly recommended and may include biochemistry and cell biology, general biology, chemistry, or physics. Applicants whose native language is not English and who have not received a degree from an English language institution are required to take the Test of English as a Foreign Language (TOEFL), receiving a minimum score of 600 for the paper test or 233 for the computer based test (CBT). Special admission consideration may be requested based on disability.

Applicants may send the required material to the University Admission Office at http://admissions.fsu.edu/gradapp/.

The Pre-Health Professions Advising Office

The Florida State University College of Medicine provides academic advising and counseling to students interested in pursuing careers in the health professions. Currently, over 1,300 students are enrolled in this advising program. Many of the students who seek advising in the advising office are pre-medical students. However, the program is open to all pre-health students including pre-dentistry, pre-veterinary, pre-pharmacy, pre-physical assistant, and pre-optometry. Full-time pre-health professions advisers meet regularly with these students throughout their college years, assisting with career goals, course scheduling, long-term academic planning, and professional school admission procedures.

In addition to one-on-one advising, the advising office also sponsors programs of special interest to pre-health students. Programs include panel discussions with admissions representatives from various medical and professional schools and workshops on succeeding in the application process and on interviewing strategies. The Pre-Health Professions Advising Office also sponsors a number of student organizations (refer to “Organizations and Societies” below).

Florida State University has a competitive acceptance rate to medical and professional schools nationwide, and many of our graduates have been recognized for their outstanding contributions and achievements in the field of medicine.

To register with the College of Medicine Pre-Health Professions Advising Office, call (850) 644-7678 or visit Suite 2140 at the College of Medicine to set up an appointment with a health professions adviser.

Organizations and Societies

Alpha Epsilon Delta is the Pre-Health Professional honor society. The society welcomes members who are planning careers in medicine, podiatry, dentistry, veterinary medicine, optometry, pharmacy, and other medical fields. To become a national member, students must be in the second semester of their sophomore year and have an overall and a science GPA of at least 3.0. Freshmen and sophomores are encouraged to participate in activities of the society. The Florida-Beta chapter at Florida State University was founded in 1946 and is one of the oldest chapters in the Southeast. The society invites speakers who represent the health professions, plans trips to area professional schools, and participates in community service.

The American Medical Student Association (AMSA) provides information, support, and leadership for future physicians in training. This organization stresses a strong commitment to service and is open to all FSU students.

The American Medical Women’s Association (AMWA) supports women in medicine on the community, national, and international levels by increasing the awareness of health concerns that are exclusive to women.

The International Medical Outreach (IMO) unites the efforts of a small group of pre-med students and medical staff in an international service learning experience that provides first-hand medical care in less advanced countries.

The Multicultural Association of Pre-Medical Students (MAPS) works to enhance the recruitment of culturally diverse students into health care fields and to assist members in becoming more successful candidates for professional health and medical programs.

The Pre-Dental Society is an organization established to further educate those students who plan to enter dental school. The organization strives to advance the education of members by providing an information network in directing their pre-dental education. Members may access information about course work, dental schools, test preparation, and the application process. Guest professionals from the local dental community in Tallahassee are invited to speak at meetings. Membership is available through the Pre-Health Professions Advising Office.

The Pre-Veterinary Society is an organization that provides an environment where students can expand their interests in veterinary medicine. Members build a strong support group to share information about course work, the application process, and volunteer opportunities in the Tallahassee area. A focus is on assisting the community with animal-related issues. Membership information is available through the Pre-Health Professions Advising Office.

The Pre-Physician Assistant Club is an organization for students interested in a career as a physician assistant. Monthly meetings are held at the College of Medicine. The meetings include guest speakers from the community as well as presentations from physician assistant programs.

The Pre-Pharmacy Informational Leadership and Learning Society (PILLS) is a student organization for those interested in pursuing a career in pharmacy.
College of Motion Picture, Television, and Recording Arts

Dean: Frank Patterson

The College of Motion Picture, Television, and Recording Arts (the Film School) was established in 1989. In the short time the Film School has been in operation, it has quickly become recognized nationwide as an outstanding film program that offers both bachelor of fine arts and master of fine arts degrees. Both programs provide film equipment and studio facilities for production and postproduction. The two programs are served by a completely equipped production center. The Film School funds virtually all student film and video workshops and productions, including the graduate and undergraduate thesis film productions.

The expertise of the Film School’s faculty reflects the direction and range the college will take in the future. Frank Patterson, Dean of the College of Motion Picture, Television, and Recording Arts, has more than 20 years experience in the film and television industry as a writer, director, producer, editor, and consultant. He is joined by 17 faculty members, all of whom are specialists in the areas of writing, directing, cinematography, visual effects, editing, sound recording, and production design and management, as well as film history, theory, and aesthetics.

Faculty Distinctions

The Film School has a strong commitment to hiring experienced working professionals who have both teaching skills and professional goals. The Film School’s full-time faculty comprises working filmmakers with various specializations as writers, directors, production designers, and editors in both the theatrical and non-theatrical film and television industries, many of whom have won national and international awards and honors for their work. Some also have strong records as research scholars and fiction writers. The faculty also includes visiting professors in the fields of motion picture law, business distribution, exhibition, and promotion.

Facilities

The Film School operates extensive production facilities for its undergraduate and graduate programs in the University Center A Building on the campus of Florida State University. Considered one of the finest facilities in the world devoted exclusively to film education, these facilities include two sound stages; a recording stage with Foley and ADR capabilities; a 120-seat screening theater and three smaller screening rooms; three digital audio mixing suites; a computer laboratory; a set-building shop; a 35mm archive of feature films; a collection of over 5000 film titles on videotape, DVD, and laserdisc; a large production research library; and digital editing suites for picture and sound. Facilities are available for both 16mm and 35mm production.

Undergraduate Degree Program

The program of study leading to a bachelor of fine arts degree is designed to lead students through the complete process of creating short films, while incorporating a well-rounded liberal arts education that includes writing courses. Major courses include producing, directing, cinematography, screenwriting, sound recording, editing, production management, film history, film theory, and film aesthetics. It is a limited access major; therefore, admission is highly selective and competitive. Students may be accepted into the program at the freshman level or transfer in once seventy-five percent (75%), or twenty-seven (27) semester hours, of the liberal studies requirements have been completed.

The world-class facilities of the Film School aid in meeting the goals of the undergraduate program—to educate students in film and to help them become integral members of the academic community of Florida State University. Graduates are trained to be members of the entertainment profession and participants in a creative and professional enterprise.

Admission to the Undergraduate Program

Admission to the College of Motion Picture, Television, and Recording Arts is limited access, making admission highly selective and competitive. Approximately 30 students, comprising freshmen and transfer applicants, are admitted each fall as film majors. Applicants must make application to and meet the requirements of Florida State University’s Office of Admissions, as well as submit a separate application to the College of Motion Picture, Television, and Recording Arts. A student seeking to enter the program must offer an acceptable grade point average (usually above 3.0) and be eligible for admission to Florida State University. Each applicant must submit a 500–1000 word essay describing his or her background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two (2) letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all these items will be considered incomplete, and will be denied automatically. Applicants are not permitted to submit portfolio items such as VHS tapes, DVDs, writing samples, or photographs. All application materials must be received by the College of Motion Picture, Television, and Recording Arts by December 15th for the applicant to be considered for admission the following Fall semester. Please refer to the “Academic Programs” chapter in this General Bulletin for further details on the application process. Applications are available online at http://film.fsu.edu.

Graduate Degree Program

The program leading to a master of fine arts degree has set the following goals: to provide the creative and technical environment for professional work in the film and television industry; to ground students in the history of each medium’s theory and practice; and to prepare students for careers as artists and craftspersons in the professional film and video production industries. Students work in production teams on narrative fiction films with each film being written, storyboarded, produced, directed, production designed, shot, recorded, and edited by graduate students. In addition, students are educated about the financial, legal, distribution, and exhibition aspects of the film business. The graduate program is designed and scheduled as a conservatory. It is meant to create a production setting in which individuals can work with accomplished professionals to hone their talents, develop a body of work, and sharpen their capacities to work in teams. Please consult the Graduate Bulletin for additional information regarding the MFA program.

Admission to the Graduate Program

Admission to the College of Motion Picture, Television, and Recording Arts graduate program is of limited access, with 24 production and 6 writing students admitted each year. Prospective students must make application to and meet the requirements of Florida State University’s Graduate Admissions Office and submit a separate application directly to the graduate program at the Film School. All applicants must submit a 500-1000 word statement of purpose describing their artistic work, creative influences, personal objectives, relevant background, and career goals, as well as three (3) letters of recommendation, a professional resume, GRE scores, and two (2) official transcripts from each college or university attended. As an option, production applicants may submit a sample of their best work (video, writing sample, etc.). Writing applicants must submit samples as specified on the application. Applications are available online at http://film.fsu.edu.

Health Insurance

Students seeking degrees in certain majors, including film, assume any exposure to the particular hazards associated with that major. As protection for our students, the Film School requires that majors present proof of health and accident insurance (name of insurer and policy number) prior to registration in the Fall semester of each year. Students are expected to maintain this insurance throughout their enrollment in the Film School. Registration will be administratively canceled at the end of the second week of classes for any students failing to provide proof of insurance.
College of Music

Dean: Don Gibson; Assistant Deans: Seth Beckman, William Frederickson, Leo Welch

The College of Music is a vital, integral component of the Florida State University community. It serves as a center of excellence for the cultural development of the community, state, region, and nation, and offers a comprehensive program of instruction for all students who expect to become professional musicians: performers, composers, scholars, educators, administrators, and therapists. For the general University student, it offers a wide spectrum of opportunities for disciplined personal growth and creative achievement. Further, the college maintains the highest quality faculty, students, curriculum, and facilities.

Numerous concerts and recitals are offered by the College of Music throughout the school year. Performing organizations include the Baroque Ensemble, Brass Ensembles, Chamber Choir, Chamber Orchestra, Chamber Winds, Choral Union, Collegians (Men’s Glee Club), Concert Bands, Duo Piano, Early Music Ensembles, Jazz Ensembles, Jazz/Pop Vocal Ensembles, Madrigal Singers, Marching Chiefs, Music Theatre Ensemble, New Music Ensemble, Opera Chorus, Opera Orchestra, Percussion Ensembles, String Ensembles, Symphonic Band, University Chorale, University Philharmonia, University Singers, University Symphony, Wind Orchestra, Woodwind Ensembles, Women’s Glee Club, and World Music Ensembles. In addition, there are numerous student and faculty chamber-music groups. The College of Music sponsors many faculty solo recitals, as well as a faculty chamber music series. Of particular interest to the music student are certificate and degree recitals and programs sponsored by music honoraries. An artists’ list and monthly calendar of College of Music programs and other cultural activities on campus are available upon request from the coordinator of music publicity in the College of Music.

The following honorary societies and professional fraternities are sponsored by the College of Music: the Phi Chapter of Pi Kappa Lambda; the Epsilon Iota Chapter of Phi Mu Alpha Sinfonia; the Beta Alpha Chapter of Sigma Alpha Iota; the Gamma Nu Chapter of Kappa Kappa Psi; the Alpha Omega Chapter of Tau Beta Sigma; the Alpha Chapter of Alpha Phi; the Beta Chi Chapter of Mu Phi Epsilon; the Florida State University Music Theory Society; the Florida State University Society for Musicology; and collegiate chapters of the Music Educators National Conference, the American Choral Directors Association, and the American Guild of Organists.

The College of Music has been a fully accredited member of the National Association of Schools of Music since 1930, and its degree requirements are in accordance with the latest published regulations of that association. Following are the undergraduate degrees offered by the College of Music:

Bachelor of Music—Performance:
- Piano
- Piano Pedagogy
- Organ
- Harpsichord
- Voice
- Strings (violin, viola, cello, double bass)
- Woodwinds
- Brass
- Percussion
- Harp
- Guitar (classical)

Bachelor of Music—Music Theatre

Bachelor of Music—Composition

Bachelor of Music—Music Theory

Bachelor of Music—Music History and Literature

Bachelor of Music—Music Therapy

Bachelor of Music Education
- Choral
- Instrumental

Master of Music
- Performance
- Accompanying
- Piano Pedagogy
- Choral Conducting
- Instrumental Conducting
- Jazz Studies
- Music Theory
- Composition
- Musicology (both historical and ethnomusicology)
- Opera
- Music Therapy

Master of Music Education

Master of Arts in Arts Administration

Doctor of Philosophy in Music Education

Doctor of Philosophy in Music (specializations in historical musicology, ethnomusicology, or music theory)

Doctor of Education in Music Education

Doctor of Music in Composition

Doctor of Music in Performance

The doctor of philosophy degree in humanities with an emphasis in music is available from the College of Arts and Sciences. Consult the Graduate Bulletin for information on the graduate programs offered by the College of Music.

Facilities

Music Facilities

The College of Music enjoys excellent teaching, research, and performance facilities. The two College of Music buildings are located on Copeland Street on the east side of the campus. The Kuersteiner Building, completed in 1948, is a four-story structure that is connected to the Wiley L. Housewright Music Building, which was completed spring 1979. The College of Music also occupies a number of offices in the Longmire Building. These buildings house the administrative offices; teaching studios; classrooms; band, orchestra, choral, opera, and ensemble rehearsal halls; music education and music therapy research laboratories; electronic music studios; ethnomusicology studios; early music studios; concert and recital halls; the Warren D. Allen Music Library; the Center for Music Research; and 130 practice rooms. All music facilities are air-conditioned and are structurally designed for maximum effectiveness.

Concert Facilities

The Opperman Music Hall is a 430-seat recital hall located in the Kuersteiner Building. The facility is used for faculty and student recitals, concerts, and lectures. The Ernst von Dohnanyi Recital Hall, located
in the Housewright Music Library, is a 218-seat facility used for recitals and lectures. The Lindsay Recital Hall, located in the Kuersteiner Building, is a 125-seat facility used for recitals and lectures. The Owen F. Sellers Music Amphitheatre is used for outdoor performances in the fall and spring. Ruby Diamond Auditorium is a 1,575-seat facility used for opera and major concert productions.

**Music Library**

The Warren D. Allen Library is conveniently located in the Housewright Building, where it serves the students and faculty of the College of Music as well as many users from other areas of the University. One of the major music libraries of the southeastern United States, the music library provides a pleasant setting conducive to the efficient utilization of the extensive collection of over 160,000 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 impresive resources and surroundings for the pursuit of their studies. Three librarians and other library staff are on duty to assist students and faculty in their use of the library.

**Opera Shops**

Built in 1977–78, the Opera Scene Shop provides 8,000 square feet of construction space with some storage area. The building features a drafting office, elevated grid area for constructing wagens and assembling scenic flats or drops, complete hand and table tools, and a wooden “stage” area for painting drops. An opera production is built there each semester, as well as sets for opera scenes and opera majors’ projects.

The Opera Costume Shop is located in the Kuersteiner Building. Costumes are constructed or alterations are made on rental costumes each semester. In addition, costumes are constructed for the 16th-century Madrigal Christmas Dinner and various opera workshop scene programs.

**Organs**

A 1975, 34-stop Holtkamp tracker (mechanical action) organ in Opperman Music Hall is used for recitals, concerts, and lessons. Practice organs include a 1966, 3-stop Holtkamp tracker; a 1973, 6-stop Wicks; a 1967, 4-stop Holtkamp; and a 1976, 4-stop portable continuo/chamber organ, also with mechanical action, by Holtkamp. A restored English chamber organ built by Hill and Davison in 1837–38 is available to organ students for practice and performance.

**Opportunities**

**Honors Program**

The College of Music offers honors work in several degree programs to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Certificate Programs**

In addition to the degree programs, the College of Music offers certificate programs that provide additional specialized areas of emphasis. The certificate programs offered include:

- Certificate in Church Music (instrumental or vocal emphasis)
- Certificate in Early Music
- Certificate in Jazz Studies
- Certificate in Music of the Americas
- Certificate in Performance
- Certificate in Piano Pedagogy
- Certificate in Special Music Education
- Certificate in World Music
- Graduate Certificate in Arts Administration
- Graduate Certificate in College Teaching
- Graduate Certificate in Music Education and Leadership
- Graduate Certificate in the Pedagogy of Music Theory

**Music Therapy Equivalency**

Additional information regarding the certificate programs may be obtained from the College of Music’s undergraduate or graduate studies offices.

**Special Events**

The College of Music provides students an opportunity to participate in many special events and experiences each year. Students interested in receiving additional information should contact the College of Music’s publicity office or the college’s undergraduate/graduate studies offices.

**Scholarships/Awards**

College of Music financial assistance is available in the form of undergraduate music scholarships and out-of-state tuition waivers. These awards are available to undergraduate applicants who demonstrate superior musical ability and are normally renewable provided satisfactory academic and musical progress is demonstrated.

College of Music scholarship assistance ranges from $500.00 to $2,500.00 for in-state students and $500.00 to $12,500.00 for out-of-state students. All undergraduate music major applicants are considered for College of Music financial assistance when they audition, provided they audition no later than the deadline established annually by the College of Music.

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

**Requirements**

**Undergraduate Studies**

**Program Director:** Dr. Ted Stanley

All students working toward the bachelor of music degree, the bachelor of music education degree, or the bachelor of arts in music degree register directly in the College of Music.

Students enrolled in other divisions of the University may take courses in music with the approval of the instructor and the Dean of the College of Music.

**Liberal Studies Program.** Undergraduates are required to meet the liberal studies requirements as specified in the various music curricula.

**Specific Requirements for all Music Majors**

**Placement Audition.** All entering students are required to take a placement audition in applied music. All applicants must meet appropriate minimum standards through this audition before being granted admission to the College of Music. This audition is heard by a faculty jury.
and is closed to all except the area faculty concerned. Students are expected to be prepared to play or sing representative works of acceptable repertoire. Placement in the appropriate applied music course is based on the requirements established by the National Association of Schools of Music. If students meet the minimum standard requirement but are below freshman level, they must enroll in the applied music MV_101 series until prepared for the MV_131 or MV_141 series. All students have the option of a reexamination for a higher course number at the end of any semester. Students may be given a temporary status in applied music during their first semester by placement in undergraduate coaching (MVO 1010, 2020, 3030, 4040). Students placed in undergraduate coaching must complete a jury exam at the end of their first semester of residence at the University for placement and advisement.

Jury Examinations. All students must meet the applied music proficiency for their individual degree program each term for continuation in the music major. Jury examinations are required of all majors and principals at the completion of a two-semester sequence.

Note: If a student placed in undergraduate coaching fails to take a jury exam, the student will be given an automatic placement of MV_101. At their discretion, applied teachers may require a student to take a jury examination at the end of any semester.

Recital Examinations. Candidates for the bachelor of music degree in performance are required to present a joint recital during the junior year (MV_3970) and a complete recital in the senior year (MV_4971). An examination will precede each of these recitals by at least two weeks. The area faculty will determine the content of the examination. A candidate who passes the examination by a two-thirds positive majority (unless otherwise specified by the area or degree) is eligible to present the required recital.

Student Recital. All undergraduate music majors must enroll and receive a satisfactory grade (“S”) in student recital attendance (MUS 1010r) for a total of six semesters during the undergraduate degree program. Attendance requirements for transfer students who were music majors at the institution from which the transfer is made will be determined by the College of Music in accordance with the number of semester hours completed.

Chamber Music. All woodwind and brass first-year and first-year transfer students must register for MUN 2460 Chamber Music during the first Spring and second Fall terms. String first-year and first-year transfer students must register during the first two Fall terms. Other transfers in these areas must register for MUN 2460/4463 during their first Fall term at the University.

Curricular Regulations

Auditions. Placement auditions for all undergraduate majors and music minors are required prior to registration. Jury examinations are given following two semesters of study in each applied music series (MV_1311–4346 series for all majors except performance majors; MV_1411–4446 series for performance majors).

Liberal Studies Requirements. Liberal studies requirements for all undergraduate curricula are listed by areas in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Undergraduate music majors will fulfill the Area IV Humanities/Fine Arts requirement by electing MUL 2110 Survey of Music Literature (two [2] semester hours), one year of MUH 3211–3212 Survey of Music History (six [6] semester hours), and an approved literature course (a total of eleven [11] semester hours). Piano pedagogy, therapy, choral, instrumental, and general music education majors will elect PSY 2012 General Psychology as three (3) of the six (6) required semester hours in Area III History/Social Science.

All Music Majors. A candidate for a baccalaureate degree must satisfy the following University requirements:

1. Liberal studies cumulative grade point average (GPA) must be 2.0 or higher;
2. Cumulative GPA on all college work must be 2.0 or higher.
3. College Level Academic Skills Test (CLAST) must be successfully completed by sophomores prior to achievement of junior academic status;
4. Courses in liberal studies used to fulfill State Board of Education Rule 6A-10.030 must each be completed with a grade of “C-” or higher;
5. A minimum of sixty (60) semester hours must be completed at a senior institution;
6. A minimum of forty (40) semester hours of upper division must be completed (3000 and 4000 level courses);
7. The final thirty (30) semester hours must be completed at Florida State University; and,
8. A minimum of one hundred twenty (120) semester hours is required for graduation.

Each student is strongly urged to be knowledgeable of curricular requirements and University regulations that govern the student’s selected academic program. Although a faculty adviser is assigned to aid and assist a student in academic advisement matters, it is imperative for a student to assume the personal responsibility regarding academic progress and successful completion of the program.

Because of its accreditation by the National Association of Schools of Music, BM and BME students in the College of Music must achieve certain competencies that have been established by NASM. These are normally built into the curricula for the various degree programs so that students are not required to register for extra courses. Three competencies are worthy of special mention: improvisation, conducting, and technology.

Students normally meet the improvisation requirement through the completion of the MVK 2121 Class Piano sequence, where improvisation is an integral component of the class. Conducting competency is automatically included in several degree programs, most notably music education; students in other majors normally take MUG 3104. A course in music technology is included in each degree program.

Contact the Undergraduate Office in the College of Music for additional information and the options available for meeting these requirements.

Curricula Leading to the Bachelor of Music Degrees

Note: Students are encouraged to obtain specific curriculum guides from the College of Music undergraduate studies office.

Performance Majors. Candidates for the bachelor of music degree in performance must select an area of concentration—piano, harpsichord, organ, voice, harp, guitar, percussion, or a string, woodwind, or brass instrument—and follow the curriculum in the chosen area of concentration. Bachelor of music degree candidates in all areas of performance are required to present a joint recital during the junior year (MV_3970) and a complete recital during the senior year (MV_4971). An examination will precede each such recital by at least two weeks.

All performance majors except piano, harpsichord, and organ majors are required to demonstrate proficiency in playing piano accompanying of medium difficulty (completion of second-year class piano [MVK 2121r] requirements). Credit earned in class piano may be used to satisfy the applied music secondary requirement. This requirement must be met before the end of the junior year.

Piano Performance Majors. Total of one hundred twenty (120) semester hours: thirty-four (34) semester hours and jury competency in applied music, including junior and senior recitals; eight (8) semester hours in keyboard literature; twenty-four (24) semester hours in theory; ten (10) semester hours in music history 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.

Organ Performance Majors. Total of one hundred twenty (120) semester hours: thirty-two (32) semester hours and jury competency in applied music, including junior and senior recitals; two (2) semester hours in applied music secondary; six (6) semester hours in pedagogy and repertoire; twenty-four (24) semester hours in theory; ten (10) semester hours in music history and literature; four (4) semester hours of ensemble; student recital attendance; twelve (12) semester hours of a foreign language; one (1) semester hour of music technology; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

Harpsichord Performance Majors. Total of one hundred twenty (120) semester hours: thirty (30) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music piano or organ; six (6) semester hours of repertory/con-
tinuo playing and pedagogy; twenty-four (24) semester hours in theory; thirteen (13) semester hours in music history and literature; four (4) semester hours of ensemble; student recital attendance; one (1) semester hour of music technology; eight (8) semester hours of German, French, or Italian; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

If harpsichord is the principal or major instrument, the candidate must complete, by jury, the MVK 2321r–2323r series in either piano or organ in addition to the principal/major requirement in music secondary. Two (2) semester hours of ensemble involving harpsichord are required of all harpsichord principals/majors in partial fulfillment of the requirements in ensemble.

**Voice Performance Majors.** Total of one hundred thirty-three (133) semester hours: twenty-four (24) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; twenty-two (22) semester hours of theory; ten (10) semester hours in music history and literature; eight (8) semester hours of ensemble; student recital attendance; twenty-one (21) semester hours in diction/foreign language; five (5) semester hours of choral literature and conducting and vocal pedagogy; six (6) semester hours of vocal solo literature; four (4) semester hours of opera/music theatre electives; one (1) semester hour of music technology; and thirty-six (36) semester hours of liberal studies.

**Strings Performance Majors (Violin, Viola, Cello, Doublebass).** Total of one hundred twenty (120) semester hours: thirty-two (32) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; four (4) semester hours in harpsichord pedagogy and literature; twenty-four (24) semester hours of theory; ten (10) semester hours of music history and literature; student recital attendance; eight (8) semester hours of ensemble; four (4) semester hours of electives; one (1) semester hour of music technology; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

**Harp Performance Majors.** Total of one hundred twenty (120) semester hours: thirty-six (36) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; twenty-four (24) semester hours of theory; ten (10) semester hours in music history and literature; four (4) semester hours of ensemble; student recital attendance; twelve (12) semester hours in repertory and literature and pedagogy; eight (8) semester hours of minor history; and four (4) semester hours of electives; one (1) semester hour of music technology; and thirty-six (36) semester hours of liberal studies.

**Guitar Performance Majors.** Total of one hundred twenty-four (124) 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; four (4) semester hours of ensemble; student recital attendance; twelve (12) semester hours in repertory and literature and pedagogy; eight (8) semester hours of summer; and four (4) semester hours of electives; one (1) semester hour of music technology; and thirty-six (36) semester hours of liberal studies.

**Woodwind, Brass, or Percussion Performance Majors.** Total of one hundred twenty (120) semester hours: twenty-eight (28) semester hours and jury competency in applied music, including junior and senior recitals; four (4) semester hours in applied music secondary; six (6) semester hours in wind and percussion instrument literature and pedagogy; twenty-four (24) semester hours of theory; ten (10) semester hours of music history and literature; student recital attendance; twelve (12) semester hours of ensemble; six (6) semester hours of electives; one (1) semester hour of music technology; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

**Composition.** Approval by the composition faculty is required for admission to the program. Total of one hundred twenty (120) semester hours: sixteen (16) semester hours and jury competency in applied music; six (6) semester hours in applied music secondary; thirty-two (32) semester hours of theory; nine (9) semester hours of composition; ten (10) semester hours of music history and literature; student recital attendance; senior recital of compositions; six (6) semester hours of ensemble; one (1) semester hour of electives; one (1) semester hour of music technology; one (1) semester hour of conducting; and twenty-eight (28) semester hours of liberal studies.

Candidates 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 (MVK 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; twenty-two (22) semester hours of theory; thirty (30) semester hours of music history and literature; student recital attendance; two (2) semester hours of electives; two (2) semester hours of thesis; six (6) semester hours of composition; one (1) semester hour of music technology; and twenty-eight (28) semester hours of liberal studies.

Candidates 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 (MVK 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 twenty-eight (28) semester hours of liberal studies.

**Music Theatre.** Approval by the music theatre faculty is required for admission. Total of one hundred twenty (120) semester hours: sixteen (16) semester hours and jury competency in applied music; ten (10) semester hours of music history and literature; fourteen (14) semester hours of theatre studies; fifteen (15) semester hours of movement techniques/dance; four (4) semester hours of music theatre repertory; two (2) semester hours of ensemble; one (1) semester hour of major performance role; eight (8) semester hours of music theatre workshop; student recital attendance; one (1) semester hour of music technology; one (1) semester hour of conducting; and twenty-eight (28) semester hours of liberal studies.

Candidates for the bachelor of music degree in music history and literature must pursue, and complete by jury exam, the study of a principal instrument through the MV_3331–3336 series. If keyboard is not chosen as the principal instrument, the candidate must fulfill the requirements for completion of third-year (MVK 3131r) class piano.

**Music Therapy.** Total of one hundred twenty-two (122) semester hours: twenty-four (24) semester hours and jury competency in applied music; seven (7) semester hours in applied music secondary; sixteen (16) semester hours of theory; ten (10) semester hours of music history and literature; four (4) semester hours of health/natural science; seven (7) semester hours of other music; two (2) semester hours of senior project; student recital attendance; one (1) semester hour of music technology; one (1) semester hour of conducting; and twenty-eight (28) semester hours of liberal studies.

Candidates for the bachelor of music degree in music therapy who complete by jury exam the MV_2321–2326 level in the principal performance area may continue principal instrument study or may elect to study in two or three secondary performance areas. Dance may be used as one of the secondary performance areas. If piano is not the principal instrument, the candidate is required to meet the minimum internship requirements in either by completion of second-year class piano requirements (MVK 2121r) or by examination. A total of eighteen (18) semester hours in applied music is required.
Piano Pedagogy Majors. Total of one hundred twenty (120) semester hours: twenty-four (24) semester hours and jury competency in applied music, including senior recital; six (6) semester hours in keyboard literature; twenty-four (24) semester hours in music theory; ten (10) semester hours in music history and literature; two (2) semester hours in ensemble; sixteen (16) semester hours in piano pedagogy; three (3) semester hours of educational collateral; student recital attendance; five (5) semester hours of other music; one (1) semester hour of music technology; one (1) semester hour of conducting; and thirty-six (36) semester hours of liberal studies.

Curricula Leading to the Bachelor of Music Education Degrees

Music Education Majors. Candidates for the bachelor of music education degree in choral music must choose as a principal instrument voice, piano, harpsichord, harp, guitar, or organ. Candidates for the bachelor of music education degree in instrumental music will choose as a principal instrument piano, organ, guitar, harpsichord, or an orchestral or band instrument. Candidates for the bachelor of music education degree with an emphasis in music for the general student must choose as a principal instrument voice, piano, harp, guitar, organ, harpsichord, or a band or orchestral instrument. All music education majors must complete applied music requirements as specified in the respective curricula. All music education majors are required to meet the minimum requirements in class piano and class guitar prior to internship.

Florida has placed the following requirements on entry to a teacher certification program:

1. Grades of “C–” or better in all freshman English and basic mathematics courses; and
2. Additional requirements as stipulated by each department.

Admission to the Music Education Professional Sequence. The music education professional sequence comprises the following upper-division courses in the music education curriculum: MUE 3311, 3334, 3343, 3344, 3443, 3491, 3492, 3493, 3494, 3495r, 3496r, 3497, 3498, 3499, 4342, 4392, 4411, 4433, 4480, 4481, 4490; MUS 4970r.

Students pursuing the bachelor of music education degree in general, choral, or instrumental music may apply to the Internship Committee for admission to the professional sequence upon completion of the equivalent of forty-five (45) semester hours at Florida State University or transfer of forty-five (45) semester hours from an accredited community college or senior institution. Students may not enroll in courses listed in the professional sequence prior to formal approval by the Internship Committee.

Qualification for admission to the professional sequence is based upon the following minimum criteria:

1. Cumulative GPA of 2.5;
2. Cumulative music GPA of 3.0;
3. Successful completion of MUE 2040;
4. Successful completion of the FTCE;
5. Completion of liberal studies requirements in English and mathematics with minimum grade of “C–”;
6. Successful completion of sophomore level applied jury; and,
7. Satisfactory faculty evaluations in the areas of music education, applied music, music theory, class piano/guitar, and ensembles.

Transfer students who do not meet all of the above criteria may be admitted to the professional sequence on a provisional basis and may enroll in a maximum of five (5) semester hours of professional sequence course work during the first term of residence. Students assigned provisional status must complete all requirements and achieve a minimum overall GPA of 2.8 at the conclusion of the first term.

Students may be required to appear before the Internship Committee for an interview. The committee will approve or reject the petition on the basis of the criteria stated above as well as other factors that relate to teaching competency. Applicants denied admission may appeal during the subsequent semester. Those who reapply must appear in person, document the removal of deficiencies that previously prevented admission, and present any other pertinent information to support reconsideration of the application.

Students applying for teacher certification in the state of Florida upon completion of the degree program should request that the certificate be assigned under the status of music education K–12.

Bachelor of Music Education—Instrumental. Total of one hundred thirty-four (134) semester hours: twelve (12) semester hours and jury competency in applied music; six (6) semester hours in applied music secondary; sixteen (16) semester hours of theory; ten (10) semester hours of music history and literature; two (2) semester hours of senior project/recital; student recital attendance; fifty (50) semester hours of music education including internship (students intending to intern in an elementary school must complete MUE 3344 [3] the semester preceding internship); two (2) semester hours of senior project/recital; three (3) semester hours of psychology; 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 applied music secondary; sixteen (16) semester hours of theory; ten (10) semester hours of music history and literature; two (2) semester hours of senior project/recital; student recital attendance; fifty (50) semester hours of music education including internship; two (2) semester hours of senior project; three (3) semester hours of psychology; and thirty-six (36) semester hours of liberal studies.

Bachelor of Music Education—General Emphasis. Total of one hundred thirty-four (134) 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; two (2) semester hours of senior project/recital; student recital attendance; fifty (50) semester hours of music education including internship; two (2) semester hours of senior project; three (3) semester hours of psychology; 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; sixteen (16) semester hours of theory; ten (10) semester hours of music history and literature; four (4) semester hours of ensemble; twelve (12) semester hours of upper-division music electives; student recital attendance; twelve (12) semester hours of foreign language; thirty (30) semester hours of electives/minor requirements; and thirty-six (36) semester hours of liberal studies.

Requirements for a Minor in Music

Admission to the program is by approval of the College 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; two (2) semester hours of ensemble; and two (2) semesters of student recital attendance.
The College of Nursing has been educating men and women for the practice of professional nursing since 1950. The college offers the bachelor of science in nursing (BSN) and a master of science in nursing (MSN). For further information on the master’s program, see the Graduate Bulletin.

The undergraduate program is approved by the Florida Board of Nursing, and both programs are accredited by the Commission on Collegiate Nursing Education. The mission of the College of Nursing is to develop professional leaders in nursing for practice in diverse settings.

At the completion of the program, the student will have met all major requirements for the bachelor of science in nursing. The generic graduate of the nursing program will have met the academic eligibility requirements for taking the state licensing examination.

The program is an upper-division limited access major with required sequential course offerings and elective courses in nursing. The nursing courses are based on concepts and principles from liberal studies, the supporting biological and behavioral sciences, and nursing theory. This theoretical base is used with the nursing process in the systematic development of nursing care for individuals and groups in a variety of health care settings.

The College of Nursing offers traditional or online programs for registered nurses seeking a baccalaureate degree (RN to BSN). The program is designed to capitalize on prior learning and experience of the registered nurse. The goal of the program is to provide registered nurses with the opportunity to attain further nursing education. Upon meeting admission requirements and fulfilling the prerequisite courses, the registered nurse may complete the RN to BSN program in approximately four to seven (4–7) semesters of consecutive part-time study. The RN to BSN program consists of thirty-one (31) semester hours of core and elective nursing courses to include twenty-five (25) core hours and six (6) or more elective hours. Upon successful completion of NUR 3805, 3286, 3167, 4107, 4069C, 4080 and 4080L, the student will be eligible to receive up to thirty-one (31) additional semester hours of departmental credit. The course work will include content that is unique to baccalaureate education. If the student desires to matriculate into the master’s program, a maximum of two graduate courses may be included in the baccalaureate study, provided eligibility requirements are met.

Graduates with a baccalaureate degree in nursing, either generic or registered nurse, are prepared to provide quality nursing care to individuals, families, and groups in health care agencies in both urban and rural areas. These include general hospitals, health departments, nursing homes, and other community health centers. These graduates have the potential for assuming leadership roles in a variety of health care agencies and for pursuing advanced degrees in nursing.

The program objectives of Florida State University’s College of Nursing undergraduate program are to educate students who will be:

1. Critical thinkers who demonstrate intellectual curiosity, rational inquiry, problem-solving skills, and creativity in framing problems;
2. Culturally competent people who provide holistic nursing care to a variety of individuals, families, and communities;
3. Knowledgeable coordinators of community resources who facilitate individual family and community access to those resources necessary to meet health care needs;
4. Politically aware individuals who participate in the profession and the practice of nursing with a global prospective;
5. Individuals who practice within the ethical and legal framework of the nursing profession;
6. Effective communicators who are able to share accurate information;
7. Competent, caring nurses who assume the multiple role dimensions required in diverse health care settings;
8. Professional role models who promote a positive public image of nursing;
9. Responsible managers who balance human, fiscal, and material resources to achieve quality health care outcomes; and,
10. Professional nurses who assume a leadership role within the scope of practice in diverse settings.

[Adapted from IUSON, 1996.]

The generic BSN program is an upper-division major with required prerequisites and a sequential ordering of courses in terms I, II, III, IV, and V, and includes one summer term.

The RN to BSN program is an upper-division major with required prerequisites and a sequential ordering of courses that can be completed on a part-time basis in four to seven consecutive semesters.

Facilities

There are a variety of clinical laboratory settings utilized for meaningful learning experiences. Tallahassee Memorial HealthCare, Florida State Hospital, Elder Care Services, Apalachee Community Mental Health Center, Leon County Public Health Unit, Capital Regional Medical Center, Leon County Schools, Tallahassee Pediatric Foundation, Children’s Medical Services, and other agencies in Leon and surrounding counties are used for the clinical component of the program. In addition, Wolfson Children’s Hospital in Jacksonville, Florida is used for pediatric clinicals, and Florida Hospital in Orlando for some ICU experiences. Internship clinical sites are available in partnership with acute care facilities in Florida and south Georgia. All experiences are under the direction of the faculty of Florida State University’s College of Nursing.

The online RN to BSN program courses are Internet-based. Clinical requirements are satisfied by working with a professional nurse (preceptor) at a Florida healthcare or community facility convenient to the student with approval by course faculty.

Opportunities

The College of Nursing offers honors work in the baccalaureate program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Scholarships

Students requiring financial assistance should file an application with the Office of Financial Aid or confer with an academic adviser at the College of Nursing. Scholarships and loans from federal, state, private, and College of Nursing sources are available.

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 X085C 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 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 X192;
6. MCB X010C or any microbiology with lab;
7. PSY X012 or any general psychology;
safely is permitted one makeup/retry attempt. Inability to demonstrate
ical experience. A student who fails to perform the testing correctly and
ical performance testing in each semester of the program prior to the clin
Term I consists of weekly assessment as well as a final evaluation. Each
students in each term of the program. Clinical performance testing in
requirement of each clinical course. If a student fails to achieve 100% on
courses. A student must achieve 100% accuracy to meet the drug math

The College of Nursing reserves the right to refuse or discontinue enroll
admission, and additional screening may be required
checks must be paid by the student. The Certified Background Check
(agency) will allow students with criminal records to take the licensing
does not guarantee the Florida Board of Nursing (or any other licens
vion is competitive based on previous academic performance and exter
al testing. The Florida Board of Nursing and several state and/or private
agencies require the disclosure of conviction records for misdemeanors
and/or felonies; therefore, this information will be required at the time of
admission. Legislation aimed at protecting the public has made it neces
ary to require a level II criminal background check (this includes FDLE,
FBI, and Certified Background Check) for all students admitted to the
College of Nursing before students can enroll. If the background check reveals vi
lations resulting in students being denied admission to a clinical agency
and/or access to patients in the agency, and if a comparable assignment
cannot be made to meet course objectives, the student will be unable
to progress in the College of Nursing. Completion of the curriculum
does not guarantee the Florida Board of Nursing (or any other licens
ing body) will allow students with criminal records to take the licensing
examination to become a registered nurse. The cost for the background
checks must be paid by the student. The Certified Background Check
will include the following: Patriot Act, Social Security Alert, Nationwide
Healthcare Fraud and Abuse Scan, Sex Offender Index, local criminal
case, residence history, and employment verification. Students will be
required to submit a notarized Affidavit of Good Moral Character on an
annual basis following the initial background check. Drug screening will
be required upon admission, and additional screening may be required
throughout the program.

Students enrolled in the nursing program are expected to exhibit be
havior that conforms to the Nurse Practice Act of the State of Florida.
The College of Nursing reserves the right to refuse or discontinue enroll
ment 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 college’s standards.

A drug math requirement is included in specified nursing clinical
courses. A student must achieve 100% accuracy to meet the drug math
requirement of each clinical course. If a student fails to achieve 100%
on the third test, the student fails the course.

To support the clinical competence of each student, the College 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. Each
student in Terms II through V is required to complete successfully clin
ical performance testing in each semester of the program prior to the clin
ical 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 affects the student’s
progression in the program.

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” is not changed to a passing grade 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 “C” (2.0 on a 4.0 scale) or higher
in each nursing theory and clinical (both elective and required) course.
Any course in which a grade below “C” is earned must be repeated
before the student will be allowed to progress. Students who earn two
(2) final course grades below “C” (including a grade of “U”) in theory
and/or clinical courses, whether repeated or not, will not be permitted to
continue in the College of Nursing. Students may repeat a course only
time. Students will not be permitted to repeat a clinical course in the
same semester in which the course was originally taken. Students will
not be permitted to take two different level clinical or theory courses at
the same time.

Nursing majors are responsible for transportation expenses related to
clinical experiences. They are required to carry health and accident
insurance. To safeguard the health of clients, nursing students are re
quired to submit proof of health examination and immunizations upon
entry into the nursing program. Students must maintain proof of BLS for
Healthcare Provider certification and specified amounts of malpractice/
negligence insurance, personal health insurance, and annual tuberculin
skin testing throughout enrollment in the College of Nursing. Additional
requirements may be imposed by individual clinical facilities/agencies.
Candidates for the bachelor of science degree in nursing must comply
with University regulations governing baccalaureate degrees and must
complete the following:

1. All university undergraduate degree requirements, including
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.

RN to BSN Program Requirements

Students applying to the RN to BSN program offered by the College of
Nursing must meet both the University and College of Nursing pro
gram entrance requirements before they will be considered for admis
sion. A separate application to the College of Nursing is required for
admission to the RN to BSN program. Criteria for admission to the RN
to BSN program include:

University Requirements

• Meet all general transfer admission requirements for Florida State
University.
• Have a minimum of 60 semester hours of transferable credit (AA
degree strongly recommended).
• Verify satisfactory completion of the Florida CLAST.
• Verify satisfactory completion of the University’s Foreign
Language Entrance requirement.

College of Nursing Requirements

• Have earned an overall cumulative GPA of 2.7 or higher.
• Have earned an average science prerequisite GPA of 2.5 or higher.
• Possess a current unencumbered Registered Nurse (RN) license
from the state of Florida.
• Have completed all of the required prerequisite courses with a
grade of “C” or higher (see State of Florida Common Course
Prerequisites above).

Students are accepted to this program for the Fall (June 1 deadline),
Spring (October 1 deadline) and Summer (February 1 deadline)
semesters. In addition to applying to the University and providing of
ficial transcripts, a separate RN to BSN Program Application to the
College of Nursing is required. Students applying for the online RN to BSN program must also submit an additional Supplemental Admissions Application for Distance Learning Programs.

While enrolled in any course in the RN to BSN program, all students must have certain required documentation on file, which must be kept current to comply with College of Nursing policy, as well as the rules/regulations of our contracts with all participating clinical agencies. It is the responsibility of the student to make sure that the required clinical documentation is current at all times while enrolled in the RN to BSN major. Students whose documentation is not complete will not be permitted to enter a clinical agency or begin work with a preceptor until clearance is granted from the College of Nursing. Upon initial enrollment, all students must:

- Submit to an FDLE/FBI Level II Background Check;
- Submit to a Certified Background review, which includes:
  - County of Residence Criminal Records;
  - Residence History (last 7 years);
  - Social Security Verification;
  - Nationwide Healthcare Fraud and Abuse Scan;
  - Nationwide Sexual Offenders Registry Scan;
  - U.S. Patriot Act;
  - Employment Verification;
- Submit to a urine drug screen through Certified Background. (Additional screening may be required throughout the program);
- Provide a copy of a current, unencumbered Florida RN license;
- Provide proof of BLS for Healthcare Provider certification;
- Complete a Physical Examination and provide proof of specified immunizations;
- Provide proof of an annual tuberculin skin testing;
- Provide proof of Professional Liability Insurance coverage ($1,000,000/$5,000,000) as an RN;
- Provide proof of personal health insurance coverage.

If a student’s background checks reveal violations resulting in the student’s inability to be placed in a clinical agency and/or access to patients in an agency, a student will be dismissed from the program.

Students will be required to submit a notarized Affidavit of Good Moral Character on an annual basis following the initial semester of enrollment to certify that no offenses have been committed since the initial background check was completed. All documentation must be kept current at all times while enrolled in any course in the program.

Students enrolled in the nursing major are expected to exhibit behavior that conforms to the Nurse Practice Act of the State of Florida. The College 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 college’s standards.

Students enrolled in the RN to BSN program must achieve a grade of “C” (2.0 on a 4.0 scale) or higher in all theory and clinical coursework. A student who is passing a nursing course but has not completed all the required work for the course at the end of the term may, with 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.

Candidates for the bachelor of science in nursing (RN to BSN track) must comply with University regulations governing baccalaureate degrees and must successfully complete all University undergraduate degree requirements, all program prerequisites, and all required nursing courses.
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.

Students in the college excel in all aspects of University life. Graduates of the college have won some of the most prestigious academic awards available to undergraduate students, including the Truman, Cooke Foundation, and Rhodes Scholarships. Twenty-one students from the social sciences have served as president of student government. Our graduates have been ambassadors, senators, governors, and corporate CEOs, and have excelled in virtually all areas of the government, academic, non-profit, and private sectors.

The college's faculty teach courses and do research related to every socio-economic and political issue that confronts the United States at home and abroad. Among the distinguished faculty are nine 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 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. A significant number of other faculty have been honored with named professorships because of their outstanding teaching and important 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 Urban and Regional Planning; a number of research units: the Pepper Institute on Aging and Public Policy, the Center for Demography and Population Health, the 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 East European Studies, Public Health, and Demography.

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. 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 nine programs of study for the bachelor’s degree, with departmental majors in economics and applied economics, geography, political science, and sociology, and interdisciplinary programs in African-American studies, 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 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 15 areas, the doctor of philosophy in six fields, and six graduate certificates. For details of graduate programs of the college, refer to the University’s Graduate Bulletin.

The college views its role in undergraduate education as having at least three main parts. First, in its contributions to liberal studies and its courses taken by students as electives, the primary objective is to introduce students to the methods and modes of thought of the social sciences. Second, in its undergraduate degree programs, the college seeks to prepare its students both to be responsible and informed citizens with an appreciation of how the world works and to be ready for employment. Third, the college seeks to prepare students for further study in the social sciences or professional schools. Each undergraduate program has a faculty member as director, and academic advice is provided by the faculty. Professional academic advisers and peer advisers located in the college’s student academic affairs office assist undergraduates with academic advising, student counseling, bill payment, program advising, and other aspects of the college. 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 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 Reubin O‘D. Askew School of Public Administration and Policy, the Departments of Economics, Geography, and Political Science, and the Interdisciplinary Programs in International Affairs and Social Science offer internship programs for qualified undergraduates. Some opportunities are open not only to majors, but to other students who meet the programs’ criteria (see relevant entries in this General Bulletin for details). The University’s location in the state capital provides excellent opportunities for internships.

All departments and programs in the college engage in contract and grant research, and there are often opportunities for work-study employment for qualified undergraduates either on outside-funded research or on University-funded activities.

The college regularly sends faculty and students to the University’s London Study Center, the Florence Study Center, and other international programs throughout the world. A semester in either the London or Florence center will usually fit into a student’s program of study without delaying graduation and is very appropriate to most of the college’s undergraduate programs. Other international activities include studies at the University of Costa Rica, the Republic of Panama, Japan, and the Netherlands. Students may take courses leading to the Interdisciplinary Social Science degree interactively through an agreement between 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 within the University. The economics program is a limited access program, and students wishing to major in economics should consult the “Department of Economics” entry in
this General Bulletin for specific entry requirements. Students in good standing (i.e., with a GPA of 2.0 or better) and eligible for upper division may declare other non-limited access majors within the college. Most majors do have some required or recommended courses that are advisable to take in lower-division study. In addition, all majors will be subject to mapping beginning Fall 2007. For more information, please go to http://www.academic-guide.fsu.edu/. It is therefore useful for potential majors to consult the relevant program entry in this General Bulletin well before they become juniors or enter the college.

General Requirements

1. Compliance with general University regulations governing baccalaureate degrees;
2. For the bachelor of arts degree, completion of the special University-wide requirements for that degree;
3. Completion of a major and a minor, with the exception that interdepartmental majors, international affairs, environmental studies, African-American 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. The African-American studies major has a BA track in which the foreign language requirement must be met. Other majors in the college have no foreign language requirement if the student wishes to receive a BS.

Majors. Each candidate for the baccalaureate degree must complete major requirements in one of the departmental or interdepartmental programs listed below. The major consists of thirty to forty-two (30–42) semester hours. For specific requirements, refer to the individual departments in this General Bulletin.

Departmental Majors. Economics and applied economics, geography, political science and sociology.

Interdepartmental Majors. African-American studies, Asian studies, international affairs, environmental studies, interdisciplinary social science, Russian and East European studies.

Minors. Each candidate for the baccalaureate degree must complete a minor, unless he or she is pursuing an interdepartmental major. The minor may be taken in a program offered through the College of Social Sciences or through another college of the University. Minors are offered in the programs that offer majors, as well as public administration, law and society, and urban and regional planning. There is no minor in interdisciplinary social science. Students should consult their academic advisers on the choice of appropriate minor(s).

The minor will consist of at least twelve (12) semester hours that meet both the requirements of the program offering the minor and the minor requirements of the student’s major.

Work used in meeting minimal requirements for liberal studies or a foreign language requirement for the bachelor of arts degree may not be used for the minor. Generally, work used to complete the major may not also count for a minor. Students should consult their academic adviser.

Consult program and departmental entries in this General Bulletin for specific minor requirements.

Double Majors

Many students take two majors, i.e., a double major, rather than a major and a minor, and an increasing number of students follow this route to the baccalaureate degree. For a double major, the student must meet the program requirements of both majors, with the following exceptions:
1) The second major can count as the minor for the first major, and vice versa; and 2) If one of the majors is an interdepartmental major, semester hours in excess of thirty (30) taken for the interdepartmental major may be counted toward the minimum requirements of the second major. The second major may be taken in a college other than the College of Social Sciences.

Preparation for the Study of Law

Many of the college’s graduates enter law school. There are no required courses for admission to law schools, and law schools advise strongly against attempts to construct “prelaw” majors. Appropriate law school preparatory study is, thus, very flexible, and all of the college’s undergraduate majors are appropriate. Students intending to apply to law school may consult their undergraduate program director or the college’s academic support program coordinator.

Preparation for a Teaching Career

In order to teach in the state of Florida, a student must complete a teacher preparation program. The teacher education program may be combined with a baccalaureate degree from the college; however, students must formally apply and be admitted to teacher education, administered through the College of Education’s Office of Student Services, 108 Stone Building. Admission to teacher education is distinct from admission to a college or undergraduate major, and has different admission criteria. For details, consult the “College of Education” chapter of this General Bulletin. Undergraduates who may wish to teach should consider taking teacher education simultaneously with their major programs.

Honors in the Major

The College of Social Sciences offers honors in the major in all of the college’s programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Dean’s List

Students in good standing who in any term carry a full-time course load of twelve (12) or more graded semester hours with a term GPA of 3.5 or better earn the distinction of being on the dean’s list.
COLLEGE OF SOCIAL WORK

Dean: C. Aaron McNeese; Associate Dean: Scott Ryan; Assistant Dean: Pamela W. Graham

The social work program at Florida State University has its origins in the early history of the institution, with social welfare content first being introduced into the curriculum in the 1920s. By the mid-30s, during the Great Depression, undergraduate courses in casework and group work were offered, as well as field placements at the Leon County Welfare Association and the Leon County Unemployment Relief Council.

In 1947, the year that the Florida State College for Women was named The 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 was accredited in 1974, the first year that undergraduate programs were granted accredited status.

The PhD program in social work was approved by the Board of Regents in 1974 and accepted its first student in the fall of that year. In June 1973, as part of an overall University structural reorganization, the social work program became identified as the School of Social Work, and in the spring of 2005 became the College of Social Work. It is currently one of 29 schools in the United States that offers social work degrees at the baccalaureate, master’s, and doctoral levels and the first master’s program in the U.S. with a complete online curriculum.

As the profession of social work begins the 21st century, there is an ever-increasing awareness of the impact of the many social changes that have taken place in our contemporary world. The College of Social Work is dedicated to the preparation of tomorrow’s social workers. The college’s curriculum is continually updated, recognizing and responding to the changing demands made on the profession. The curriculum is rooted in the ecosystems perspective, which serves as an organizing framework for the entire program, thereby providing an effective basis for studying people and their environment. The combination of class and field work provides students with a rich educational experience and the opportunity for the integration of research, theory, and practice.

The College of Social Work is committed to the pursuit and delivery of excellence in social work education. Through teaching, research, and service, the college educates its graduates for productive careers as professional social workers in diverse arenas, contributes to the knowledge base guiding social welfare practice and policy decisions, and offers expertise and energy to local, state, and national concerns.

The college’s initiatives build on the traditional heritage of social work, and are guided by a commitment to community-based social services. Recognizing that communities function as political, social, and familial entities, the college’s efforts emphasize, but are not limited to, health care, mental health, and the special concerns of children, families, women, and the aged. In all of its capacities, the college recognizes and values mutuality among diverse community groups, and promotes models of service delivery empowering the poor and disadvantaged and ensuring the social services of all community members.

Degree Programs

Bachelor of Social Work (BSW)

BSW Program Director: Kim Maddox

The curriculum offered at the baccalaureate level is designed to enable students to provide services to individuals, families, groups, communities, and organizations in generalist social work practice.

Master of Social Work (MSW)

MSW Program Director: Pamela W. Graham

The curriculum at the MSW level is designed to provide quality preparation for high-quality advanced practitioners who will work with diverse client systems and problems. Students may choose an advanced curriculum in either clinical or social policy and administrative concentrations.

Doctor of Philosophy in Social Work (PhD)

PhD Program Director: Darcy Siebert

The PhD program in social work is designed to advance the social work profession through the development of researchers/scholars and educators.

Overseas Study

Florida State University offers students the opportunity to study abroad and to gain valuable experience through international internships. For information concerning eligibility, fees, and other details of these programs, contact the college’s Director of International Programs. Social work majors are encouraged to consider these opportunities for study overseas.

Requirements

Requirements for a Major

Admission requirements to the undergraduate social work program include completion of liberal studies at Florida State University or completion of an associate in arts degree from a Florida public community college, a minimum of a 2.0 grade point average (GPA) on all college work attempted, and satisfaction of the CLAST requirement. To continue in the program, students must meet the following requirements:

1. Complete the following Common Core Requirements necessary for the degree program. All of these courses must be completed, with a grade of “B” 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 (Introduction to Economics, Microeconomics or Macroeconomics); 4) Introductory Psychology; and 5) Introductory Sociology or Social Problems;

2. Complete one of the following courses with a grade of “C-” or better in order to demonstrate computer competency: CGS 2060, 2064, or 2100;

3. Satisfactorily complete SOW 1054r, 3203, and 3350 (with grades of “C” or better); and

4. Complete a formal application as a social work major while enrolled or upon completion of SOW 1054r, 3203, and 3350; A minimum of fifty (50) semester hours in social work is required for graduation. It is expected that each student, with counsel from the adviser, will move through the required courses in a uniform pattern, observing cognate requirements and course prerequisites and corequisites. Required courses are SOW 1054r, 3203, 3350, 4104, 4232, 4323, 4341, 4360, 4403, 4414, 4510, 4522, and 4620. Students must complete the required courses in sequence.

Students must maintain an overall GPA of 3.0 or better in the major. No social work course with a “U” or a letter grade below “C” will apply toward a social work major.

The College of Social Work does not require a foreign language as part of its undergraduate program of studies. However, in order to graduate from Florida State University all students must provide the University with verification of completion of two units of the same foreign language in high school or at least eight (8) semester hours of the same foreign language (or equivalent proficiency) at the college level. Students are expected to have satisfied this requirement upon admission to the University.

Students majoring in social work are not required to complete a minor in another department.

Field Education

Field education is a vital and integral part of the total curriculum. Through actual experience in the field, students are helped to link theory to practice. Qualified agency staff members serve as field instructors, and the field agencies selected by the college cover the broad spectrum
of social work practice. Currently, the college is affiliated with more than 400 agencies across the state of Florida, in areas of the southeastern United States, and internationally.

Undergraduate field education, SOW 4510, is a twelve (12) semester hour course (512 clock hours) that requires the student to register for and successfully complete a thirty-two (32) hour per week field placement for one semester. Students must register concurrently for SOW 4522, Integrative Seminar. The field education course is designed to help students develop the skills necessary for generalist social work practice.

The course is restricted to social work majors and can only be taken after the completion of all courses necessary for the completion of the degree. The student must have a GPA of 3.0 or better in all social work courses and an overall GPA of 2.0 in order to register for SOW 4510.

Honors Programs

The College of Social Work encourages students to apply for the honors program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Research and Outreach Programs

Institute for Family Violence Studies

The endowed Institute for Family Violence Studies has been established within the College of Social Work to research family violence as it occurs in all age groups, including children, adults, and the elderly; identify and explore related research domains, including supervised visitation, homelessness, and women’s issues; disseminate the findings of this research at the local, state, national, and international levels; evaluate the effectiveness of family violence intervention; support the development of innovative programs for reducing family violence; analyze legislation addressing family violence issues; develop curricula that strengthen social work studies on family violence; provide continuing education and training opportunities to those working in agencies that provide services for those experiencing family violence; serve as a regional clearinghouse on resources related to family violence; and collaborate with the courts and community organizations on family violence concerns.

Institute for Social Work 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 support evidence-based practice and policy decisions. In 1999, IHHSR was relocated to the College of Social Work at Florida State University, and in 2005 was subsequently renamed the Institute for Social Work Research to reflect this move.

Multidisciplinary Evaluation and Consulting Center

The Florida State University Regional Multidisciplinary Evaluation and Consulting Center is a full-service, University-based diagnostic and training center that has been in operation since 1983. Comprehensive diagnostic and consultative services are provided to eighteen school districts in the Panhandle region of north Florida. Referrals also are accepted from the research schools at Florida State University and Florida A&M University, as well as Children’s Medical Services and other state and community agencies. Multidisciplinary collaboration is an integral part of center services. The staff includes professionals from school, counseling, and clinical psychology, counseling education, and social work. Consultation with professionals from speech and audiology and pediatric medicine also is available.

Student Organization

The Association of Student Social Workers (ASSW) is an organization of and for social work students. It is open to undergraduates as well as graduates, and participation by all is welcomed. The association is a good vehicle for socialization into the profession and orientation to the college. It can be used as a channel for handling feedback to the school about the program and is an excellent way for students to get to know one another as well as to participate in a wide array of community service activities.

College of Social Work Scholarships

The following scholarships are offered to Social Work majors. If you would like information on how you can apply, please contact the development officer of the College of Social Work at (850) 644-9749 or e-mail mtvesson@mailer.fsu.edu.

- Citrus Health Network Scholarship for Graduate Students. For full or part-time graduate students who are interested in working in the behavioral health care field (e.g., mental health and substance abuse), and would consider working in the Miami-Dade County area. Estimated award amount: $750-1500.
- Mark DeGraff & Lula Hamilton DeGraff Scholarship. For full-time senior undergraduate or full or part-time graduate students who are interested in working with or conducting research relating to youth. Estimated award amount: $1000-1500.
- Joanna F. Gorman Scholarship. For full-time upper-level undergraduate or graduate students (MSW or doctoral) who plan a career in the field of child welfare, maternal and child health, community mental health, or primary prevention in mental health or health. Estimated award amount: $2000-3000.
- Dianne F. Harrison Scholarship. This award is presented at our Spring Convocation for “Best Dissertation Prospectus.” Estimated award amount: $500
- Robert P. Hurrle Scholarship for Field Instruction. For social work majors who demonstrate a commitment to the field of aging or military social work. This stipend is offered each semester and is to be used while the student is completing a field practicum in one of these areas. Estimated award amount: $2500-4500.
- Margaret H. Jacks Scholarship in Aging. For full- or part-time MSW students who have completed at least one course on aging or demonstrated a commitment to the field of aging. Estimated award amount: $500-1000.
- Richard M. King Scholarship in Social Work & Business Administration. For full- or part-time graduate students who are interested in earning both an MSW and a master’s in business administration. Estimated award amount: $2000-3000.
- Koalska Graduate Scholarship. For full-time undergraduate students whose parents did not attend college. Financial need considered. Estimated award amount: $1500.
- Joyce Harper Laidlaw Scholarship in Child Welfare. For graduate students who demonstrate dedication and commitment to work in the area of child welfare and show financial need. Estimated award amount: $1500-2500.
- Coyle & Mable Moore Scholarship. For full-time social work students who show evidence of good character and citizenship, volunteer work, and financial need. Estimated award amount: $750-1500.
- Sarah Sealey Morrill Scholarship. For social work majors with interest in the field of community mental health. Estimated award amount: $200-500.
- MSW Class of 1975 March Graduates Scholarship. For two-year full-time MSW students interested in community-based practice, advocacy, or public policy, with evidence of commitment to social justice concerns. Estimated award amount: $250-500.
- Bernhard Scher Undergraduate Scholarship. For undergraduate (60 credit hours completed at college level) social work majors enrolled in social work classes, with overall GPA of at least 3.5. Essay on “Social Work Values” required. Estimated award amount: $500-750.
- Guy & Delores Spearman Scholarship. For BSW or MSW students from Brevard County with overall GPA of 3.0 or greater. Estimated award amount: $1500-3000.
- Maurice M. & Patricia V. Vance Scholarship. For MSW or PhD students returning to school, after a hiatus of at least two years, to forward their professional careers in social work.
achievement, financial need, and dedication to the field are considered, with the greatest emphasis on dedication. Estimated award amount: $1000.

- **Victoria E. Warner Scholarship.** For Florida A & M University graduates currently enrolled in MSW program at FSU (full- or part-time). Estimated award amount: $1000-1500.

**Program Opportunities**

The College of Social Work offers other opportunities that afford students the ability to focus on specialized areas of interest. With guidance from advisers, students may create a program of study that meets their specific educational and career goals.

**Child Welfare Practice Certificate Program**

This certificate program offers both undergraduate and graduate students an opportunity to focus their curriculum on issues related to child welfare. Course work addresses the following: the prevention of neglect, abuse, exploitation, or delinquency of children; the protection of homeless, dependent, or maltreated children; the strengthening of families to maintain children in their own homes; the development of advocacy groups; and the analysis of social policies and mental health issues related to this population. Child welfare practitioners provide a continuum of services in both public and private settings.

**Family Social Work Practice Certificate Program**

This certificate program is designed for MSW clinical concentration students who wish to develop advanced competence in couple and family social work. Course work for this certificate focuses on advance practice skills for those students wishing to pursue careers in mental health settings.

**Certificate in Aging Studies**

The Florida State University Pepper Institute on Aging and Public Policy offers an opportunity for a concentrated education in aging studies. Students with an interest in aging and educational credentials that indicate their completion of a multi-disciplinary course of study in aging and old age take courses in social work and a variety of other disciplines. For further information, visit: [http://www.pepperinstitute.org/certificate-main.html](http://www.pepperinstitute.org/certificate-main.html).

**The Arts and Community Practice Certificate**

The program is an interdisciplinary certificate designed for undergraduate and graduate students who wish to develop a focused concentration on the application of the arts to community development. This program 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.

**Leadership in Executive and Administrative Development (LEAD) in Social Work Certificate**

The mission of this leadership certificate is to educate students about leadership theories and practices and to provide students with leadership experience. Learning about leadership gives students the skills they need for middle and executive positions in social service situations. An in-depth curriculum emphasizes leadership, decision-making, client-centered management, team building, negotiating, budget and finance, and the successful management of grants to guide students to successful management of social service agencies.

**Joint MSW/JD Program**

This program is for students interested in combining a MSW with a degree in law. Persons graduating with this joint degree practice in areas such as family law, child advocacy, domestic violence, public policy, and public defense. Students must be admitted simultaneously and independently to both the University’s College of Social Work and the College of Law.

**Joint MSW/MPA Program**

The Florida State University’s Reubin O’D. Askew School of Public Administration and Policy and the College of Social Work offer a joint-degree program leading to the degree of master of social work (MSW) and master of public administration (MPA). This is one of the few joint-degree programs in these fields offered in the United States. The program prepares students for positions in public, private, and non-profit human service organizations by gaining knowledge in both social work and public administration.

**Joint MSW/MS in Criminology and Criminal Justice**

This program is a collaboration between the College of Social Work and the College of Criminology and Criminal Justice. The joint degree is for graduate students in both programs who wish to expand their understanding of the connection between these two fields of study and gain expertise through work with forensic clients. Students must apply and be accepted to each graduate program independently.
The College of Visual Arts, Theatre and Dance was formed in 2005, with the combination of the former School of Visual Arts and Dance and the School of Theatre. The college has six academic units: the Departments of Art, Art History, Art Education, Interior Design, Dance, and the School of Theatre. These academic units offer an extensive program of instruction in all areas of the visual arts, theatre, and dance. In fact, every level of undergraduate and graduate degree that a university can offer in these areas is represented within the college, including the established terminal degree in each discipline. Accordingly, the college is unique in the state of Florida.

Enhancement of the fine and performing arts is one of Florida State University's specific goals as presented in its mission statement. The comprehensive nature and consistent quality of the college may be credited in large part to the recognition and support of the arts evident in the University. The very idea of arts training within a university context is held to be fundamentally important to an individual’s education in today's society. The College of Visual Arts, Theatre and Dance shares much in common with an independent arts school, but the differences are more important than the similarities. The University strives toward education of the whole person, and it has a great variety of cultural and curricular resources to reach this end. Therefore, our students have the opportunity to benefit from the entire University, a warm and friendly residential college and major graduate research institution. There is no substitute for this environment.

The college promotes the visual arts, theatre, and dance within this community. Its goal is to provide a broad-based liberal arts education for students, while at the same time training them to be dancers, actors, designers, artists, scholars, teachers, or other professionals in the field. It functions to enrich their lives and to provide them with the means of self-expression in an increasingly complex and impersonal technological society—a society ever more dependent upon visual language and information. The study and practice of the arts are therefore viewed as a necessary link in the educational system, both as a learning process and as a source of personal fulfillment. Measures are applied within the college—and indeed throughout Florida State University’s campus—to keep the spirit of open inquiry vital and productive.

Regardless of the department of a student’s major, the College of Visual Arts, Theatre and Dance provides an unusual opportunity for working with a distinguished faculty of nationally and internationally recognized artists and scholars, all of whom teach undergraduate as well as graduate students.

Requirements of the College

By and large the college has few requirements that go beyond those stipulated by the University. As appropriate, these requirements are provided in the narratives describing the individual departments and programs. No minor is required by the college. Three programs grant degrees categorized as “limited access” in the sense that they are proficiency based: 1) the bachelor of fine arts (BFA) in graphic design and in art (studio) and master of fine arts (MFA) in art (studio); 2) the BFA and MFA in dance; and 3) the BFA in acting and in music theatre and the MFA in acting. Entrance is gained through portfolio review or audition.

Facilities

In addition to the lecture rooms, general classrooms, seminar rooms, and media-specific laboratories (e.g., printmaking, electronic imaging, ceramics, sculpture, photography, and the like), three specialized facilities merit particular mention. First, art students in designated degree programs are provided individual studios in two large “warehouses” at the edge of campus, making it possible for them to work in a healthy environment that promotes the cross-fertilization of ideas and constructive debate. Students at different stages of development learn from each other as well as from their professors, who regularly come to their studios for tutorials and critiques. Second, dance students train in spacious, comfortable studios and perform in their own fully equipped professional dance theatre, experimental black box theatre, and grand salon; in addition, students explore dance technology in state-of-the-art labs. Lastly, theatre students train and perform in four venues, including two traditional proscenium theatres, a lab theatre, and a stage for student-produced works.

Honors in the Major

The College of Visual Arts, Theatre and Dance offers honors in the major in several departmental and interdepartmental programs. For requirements and other information, see the “University Honors Office and Honors 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 Florida State University, they provide the opportunity for a truly rewarding educational and cultural experience. Representing as it does a collegial body of students of art, the College of Visual Arts, Theatre and Dance has a particular affinity for the Florence program, one that 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 college faculty has taught in Florence, and the college has significant representation among the students studying there. More recently, greater emphasis has been placed on the opportunities at the London Center. Students of theatre, art, dance, design, and art history flourish in the rich, humanistic environments of these magnificent cities and cultural centers. This they can do usually without disrupting their sequence of courses and without loss of residency, since the Florence and London campuses are true extensions of the Tallahassee campus.

Museum Studies

The College of Visual Arts, Theatre and Dance is the academic home of Florida State University’s museum studies certificate program. Open to graduate students of all departments, the program offers theoretical, practical, and methodological training in museum management, curatorship, fundraising, collections management, education and interpretation, marketing, exhibition development, and other museum topics. The museum studies curriculum includes courses taught by full-time faculty and practicing museum professionals, internships, and special museum projects. Emphasis is placed on career guidance and finding a position in the museum profession. Students have opportunities for firsthand experience at the college’s Museum of Fine Arts, the Ringling Museum of Art, and in other regional and national museums. 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 college. 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

Florida State University has been charged by the State of Florida with administration of the Ringling Museum of Art in Sarasota, Florida. This incredible museum complex with its superb internationally renowned art collection, circus museum, and Ringling mansion, offers multiple
opportunities for students in the arts, museum studies, and the humanities. Programs enhance undergraduate and graduate education in the College of Visual Arts, Theatre and Dance, as well as many other areas within Florida State University.

Accreditation

The College of Visual Arts, Theatre and Dance is fully accredited according to discipline as appropriate by the National Association of Schools of Art and Design, the National Association of Schools of Dance, the National College Association for Teacher Education, the Council for Interior Design Accreditation, and the National Association of Schools of Theatre.
Florida’s Statewide Course Numbering System

Courses in this General Bulletin are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System. This numbering system is used by all public postsecondary institutions in Florida and 33 participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “course equivalency profiles.”

Example of Course Identifier

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Digit (second digit)</th>
<th>Decade Digit (third digit)</th>
<th>Unit Digit (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>No laboratory component in this course</td>
</tr>
<tr>
<td>Sociology, General</td>
<td>Freshman Level at this institution</td>
<td>Entry level General Sociology</td>
<td>Survey Course</td>
<td>Social Problems</td>
<td></td>
</tr>
</tbody>
</table>

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions (Exceptions are listed below.)

For example, a survey course in social problems is offered by 35 different postsecondary institutions. Each institution uses “SYG 010” to identify its social problems course. The level code is the first digit and represents the year in which students normally take this course at a specific institution. In the SCNS taxonomy, “SYG” means “Sociology, General,” the century digit “0” represents “Entry-level General Sociology,” the decade digit “1” represents “Survey Course,” and the unit digit “0” represents “Social Problems.”

In science and other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course that meets in the same place at the same time. The “L” represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college. The same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses

Section 1007.24(7), Florida Statutes, states:

Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution:

A. Courses not offered by the receiving institution
B. Courses with the last three digits ranging from 900-999 (e.g., ART 2905)
C. College preparatory and vocational preparatory courses
D. Internships, practica, clinical experiences, and study abroad courses with numbers other than those ranging from 900-999
E. Applied performance or studio courses in Art, Dance, Interior Design, Music and Theatre
F. Skills courses in Criminal Justice
G. Graduate courses
H. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to: the Office of the Dean of The Faculties at Florida State University, (850) 644-6876, or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, FL 32399-0400. Special reports and technical information may be requested by calling the Statewide Course Numbering System office at (850) 245-0427, SunCom at 205-0427, or through the Internet at http://scns.fldoe.org.
### COURSE PREFIXES, DEFINITIONS, AND LOCATIONS

**How to Find a Course:**

The following list presents course subjects alphabetically by letter prefix. The column to the right contains the department(s) and/or program(s) offering that course subject. The departments/programs can be found, alphabetically, in the “Academic Departments and Programs” section of this Bulletin, where each course offered in a given program is listed, including title, description, and credit hours.

#### Course Symbols

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Definition</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG</td>
<td>Accounting: General</td>
<td>Accounting</td>
</tr>
<tr>
<td>ADE</td>
<td>Adult Education</td>
<td>Educational Leadership and Policy Studies, Educational Psychology and Learning Systems</td>
</tr>
<tr>
<td>ADV</td>
<td>Advertising</td>
<td>Communication</td>
</tr>
<tr>
<td>AFA</td>
<td>African-American Studies</td>
<td>African-American Studies</td>
</tr>
<tr>
<td>AFH</td>
<td>African History</td>
<td>History</td>
</tr>
<tr>
<td>AFR</td>
<td>Aerospace Studies</td>
<td>Aerospace Studies</td>
</tr>
<tr>
<td>AMH</td>
<td>American History</td>
<td>History</td>
</tr>
<tr>
<td>AML</td>
<td>American Literature</td>
<td>English</td>
</tr>
<tr>
<td>AMS</td>
<td>American Studies</td>
<td>American and Florida Studies</td>
</tr>
<tr>
<td>ANG</td>
<td>Anthropology: Graduate</td>
<td>Anthropology</td>
</tr>
<tr>
<td>ANT</td>
<td>Anthropology</td>
<td>Anthropology</td>
</tr>
<tr>
<td>ARA</td>
<td>Arabic Language</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>ARE</td>
<td>Art Education</td>
<td>Art Education</td>
</tr>
<tr>
<td>ARH</td>
<td>Art History</td>
<td>Art, Art History, Classics</td>
</tr>
<tr>
<td>ART</td>
<td>Art</td>
<td>Art, Classics, History</td>
</tr>
<tr>
<td>ASH</td>
<td>Asian History</td>
<td>Classics, History</td>
</tr>
<tr>
<td>ASN</td>
<td>Asian Studies</td>
<td>Asian Studies, Russian and East European Studies</td>
</tr>
<tr>
<td>AST</td>
<td>Astronomy</td>
<td>Physics</td>
</tr>
<tr>
<td>BCC</td>
<td>Basic Clinical Clerkship</td>
<td>Medicine</td>
</tr>
<tr>
<td>BCH</td>
<td>Biochemistry (Biophysics)</td>
<td>Biological Science, Chemistry and Biochemistry, Chemical and Biomedical Engineering</td>
</tr>
<tr>
<td>BME</td>
<td>Biomedical Engineering</td>
<td></td>
</tr>
<tr>
<td>BMS</td>
<td>Basic Medical Sciences</td>
<td>Medicine</td>
</tr>
<tr>
<td>BOT</td>
<td>Botany</td>
<td>Biological Science</td>
</tr>
<tr>
<td>BSC</td>
<td>Biological Sciences</td>
<td>Biological Science</td>
</tr>
<tr>
<td>BUL</td>
<td>Business Law</td>
<td>Risk Management/Insurance and Real Estate and Program in Business Law</td>
</tr>
<tr>
<td>CAP</td>
<td>Computer Application Development</td>
<td>Computer Science</td>
</tr>
<tr>
<td>CBH</td>
<td>Comparative Psychology and Animal Behavior</td>
<td>Psychology</td>
</tr>
<tr>
<td>CCE</td>
<td>Civil Construction Engineering</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>CCJ</td>
<td>Criminology and Criminal Justice</td>
<td>Criminology and Criminal Justice</td>
</tr>
<tr>
<td>CDA</td>
<td>Computer Design/Architecture</td>
<td>Computer Science</td>
</tr>
<tr>
<td>CEG</td>
<td>Civil Geotechnical Engineering</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<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>
</tr>
<tr>
<td>CGN</td>
<td>Civil Engineering</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>CGS</td>
<td>Computer General Studies</td>
<td>Childhood Education, Reading, and Disability Services, Communication Disorders, Computer Science, Educational Leadership and Policy Studies, Management Information Systems, Family and Child Sciences, Modern Languages and Linguistics, Chemistry and Biochemistry, Chemistry and Biochemistry, Modern Languages and Linguistics, Computer Science</td>
</tr>
<tr>
<td>CHD</td>
<td>Child Development</td>
<td></td>
</tr>
<tr>
<td>CHI</td>
<td>Chinese</td>
<td>Chinese, Modern Languages and Linguistics</td>
</tr>
<tr>
<td>CHM</td>
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ACADEMIC DEPARTMENTS AND PROGRAMS

DEPARTMENT OF ACCOUNTING

COLLEGE OF BUSINESS

Chair: Bud Fennema; Professors: Hillison, R.C. Iceman; Associate Professors: Batheke, Billings, Bowen, Dusenbury, Fennema, Gerard, Hefflin, J. Iceman, Morton, Paterson, Stevens; Assistant Professors: Baik, Hobson, Lulsegged, Perkins; Associates in Accounting: Pierno, Sudano; Assistant in Accounting: Greenberg; Andersen Professors: Hillison, Paterson; Deloitte Professor: Morton; Ernst and Young Professor: Fennema, KPMG Fellow: Billings

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 nonprofit 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.

Students planning to sit for the Certified Public Accountant Examination in the state of Florida must complete a five-year education program (150 semester hours) with a concentration in accounting. Completion of the MAcc program satisfies this requirement.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in accounting satisfy this requirement by earning a grade of “C−” or higher in CGS 2100.

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 (will count toward the degree as elective hours for transfer students; native students are encouraged to take another non-accounting elective)
3. CGS 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.

- ISM 3003 Foundations of Management Information Systems (3)
- QMB 3200 Quantitative Methods for Business Decisions (3)

Plus two (2) electives from the following list of courses:

- HFT 3240 Managing Service Organizations (3)
- MAN 3504 Services Operations Management (3)
- MAN 3600 Multinational Business Operations (3)
- MAN 4720 Strategic Management and Business Policy (3)
- MAR 3700 Professional Selling (3)
- REE 3043 Real Estate (3)
- RMI 3011 Risk Management/Insurance (3)

Major Area Requirements

All accounting majors must complete the ten (10) courses listed below. In addition, accounting majors must complete a total of ninety (90) semester hours of non-accounting courses.

To enroll in the required upper-level accounting courses (those with ACG and TAX prefixes), students must have completed ACG 2021 Introduction to Financial Accounting with a grade of “B−” or better. A grade of “C−” or better must be earned in all required upper-level accounting courses and BUL 3330. Any student receiving two grades below “C−” in the same required upper-level accounting course (prefix ACG or TAX) will not be permitted to enroll in that course again; that is, a student may repeat a required upper-level accounting course only once.

- 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 Uniform Commercial Code Business Law Problems (3)
- TAX 4001 Federal Tax Accounting I (3)
Definition of Prefixes

ACG—Accounting: General
GEB—General Business
TAX—Tax Accounting

Undergraduate Courses

To register for any accounting course, students must have completed all prerequisite courses with appropriate grades.


ACG 2071. Introduction to Managerial Accounting (3). Prerequisite: ACG 2021 with a grade of “C–” or better. An introduction to managerial accounting concepts. Credit not allowed for accounting majors.

ACG 3101. Financial Accounting and Reporting I (3). Prerequisite: ACG 2021 with a grade of “B+” or better. In-depth study of financial reporting concepts and generally accepted practice including an overview of the accounting cycle, current liabilities, current and noncurrent assets. Emphasis on analyzing financial events and the consequences of financial reporting alternatives.

ACG 3111. Financial Accounting and Reporting II (3). Prerequisite: ACG 3101 with a grade of “C–” or better. In-depth study of financial reporting concepts and generally accepted practice for long-term liabilities, investments, income taxes, and stockholders’ equity and earnings per share. Emphasis on analyzing financial events and the consequences of financial reporting alternatives on financial statements.


ACG 3331. Cost Accounting and Analysis for Business Decisions (3). Prerequisite: ACG 2071 with a grade of “C–” or better. Study of techniques of cost accounting and cost analysis for various business decisions. Credit not allowed for accounting majors.

ACG 3341. Cost Accounting I (3). Prerequisites: ACG 2021 with a grade of “B+” or better; MAC 2233; QMB 3200. Planning and control of economic entities through cost-volume-profit relationships, job order, process and standard cost accounting. The relationship of accounting systems to decision making is emphasized.

ACG 3351. Cost Accounting II (3). Prerequisites: ACG 3341 with a grade of “C–” or better. Planning and control of economic entities through direct and relevant costing, inventory management, decentralized operations, capital budgeting, and quantitative techniques. The relationship of accounting systems to decision making is emphasized.

ACG 3949. Cooperative Education Work Experience (0). (S/U grade only.) May be repeated up to five times.

ACG 4201. Financial Accounting and Reporting III (3). Prerequisites: ACG 3111 with a grade of “C–” or better; GCS 2100. In-depth study of 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 event and the consequences of financial reporting alternatives.

ACG 4401. Accounting Information Systems (3). Prerequisites: ACG 3101 with a grade of “C–” or better; GCS 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 3101 with a grade of “C–” or better. An introduction to fund accounting procedures and financial reporting requirements for governmental units and not-for-profit entities.

ACG 4632. Fraud Examination I (3). Prerequisites: ACG 3111 and 4401 with grades of “C–” or better. Legal and professional responsibility of CPAs; generally accepted auditing standards; audit programs; procedures, and evidence; review and evaluation of internal controls.

ACG 4642. Auditing Theory and Application II (3). Prerequisite: ACG 4632 with a grade of “C–” or better. Theory of auditing and development of audit programs; sampling; procedures of obtaining audit evidence; auditor responsibility under Securities and Exchange Commission requirements; and auditing computerized systems. Subsequent credit for ACG 5635 is not permitted.

ACG 4683. Fraud Examination II (3). Corequisites: ACG 4632. This course provides an introduction to the field of fraud examination. Topics include the nature of fraud, who commits it and why, detecting fraud, financial statement fraud, and fraud resolution.

ACG 4901r. Directed Individual Study (1–3). May be repeated up to five times.

ACG 4903r. Federal Tax Accounting I (3). Prerequisite: ACG 2021 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 judicial cases.

ACG 4901r. Federal Tax Accounting II (3). Prerequisite: ACG 4903r. ACG 4900 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 judicial cases. Subsequent credit for TAX 5015 is not permitted.

Graduate Courses

ACG 5026. Financial Reporting and Managerial Control (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 5685. Forensic Accounting (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 5945r. Supervised Teaching (1–3). (S/U grade only.)
ACG 6696. Seminar in Financial and Auditing Research (3).
ACG 6835. Seminar in Behavioral Accounting Research (3).
ACG 6885. Introduction to Accounting Research (3).
ACG 6895. Seminar in Capital Market Based Accounting Research (3).
ACG 6916r. Supervised Research (1–5). (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

Coordinators: Bettye Anne Case, Steve Paris (Mathematics); Advisory Committee: Beaumont, Benson (Economics); Whalley (Computer Science); Carson, Gatzlaff, Maroney (Risk Management/Insurance, MBA); Chicken, Huffer (Statistics); Icerman (Accounting); Christiansen (Finance)

This interdisciplinary degree provides broad instruction in the mathematical and statistical concepts underlying the operations of life, property, and casualty insurers; governmental regulatory agencies; pension and insurance consulting firms; 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, and statistics. The program is classified by the professional actuarial societies as advanced undergraduate and graduate education and research. All three of the actuarial professional society Validation by Educational Experience credit areas are approved to provide FSU students an opportunity to advance their careers through their regular study.

Students in the program are also assisted in moving forward professionally through tutorials in preparation for national actuarial examinations and by guest lecturers who are actuaries discussing the varied available employment. For statewide common course prerequisites and advisory information, please see the “Department of Mathematics” chapter in the General Bulletin and the departmental Web site at http://www.math.fsu.edu.

ADULT EDUCATION: see Educational Leadership and Policy Studies; Educational Psychology and Learning Systems

ADVERTISING: see Communication
AEROSPACE ENGINEERING: see Mechanical Engineering

Department of AEROSPACE STUDIES

AIR FORCE ROTC
COLLEGE OF ARTS AND SCIENCES

Professor: Colonel Jeff Spraggins; Assistant Professors: Major Paulsen, Captain Haynes, Captain Guy

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 two- and a-half- and four-year commissioning programs, each with its own requirements and advantages. The two-and-a-half-year 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 e-mail, 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, and ERAU 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, management, and professionalism. 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 permission of the department chairperson prior to enrolling in these courses. Class enrollment size is limited, and priority is given to those FSU and FAMU 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
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

Once the admission criteria have been met, the student may compete for the opportunity to contract for four years of active duty as a commissioned officer upon graduation. Upon selection and acceptance, the student receives a monthly, tax-exempt stipend ranging from $250.00–$400.00. Tuition assistance is possible but not guaranteed. It is awarded on a competitive basis.

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 1 in the year prior to enrollment as a freshman. Other scholarships are available after enrolling in aerospace studies courses. Scholarships are available for students attending Florida A&M University (FAMU), a historically black university, if the student has a 2.50 or higher cumulative GPA.

Field Training

Cadets in the two-year program must complete a six-week field training course before they may formally enroll in the professional officer course. This course includes career training, physical conditioning, and the general military course academics. Academic credit for up to four (4) semester hours may be given for cadets attending a six-week field training and who have not previously completed AFR 1101, 1102, 2130, and 2140. See the Professor of Aerospace Studies for further information and to apply for the credit.

Cadets enrolled in the four-year AFROTC program are required to attend a four-week field training course before they may formally enroll in the professional officer course. Field training provides a better understanding of the United States Air Force mission, increases the cadets’ proficiency in junior officer training areas, and stresses the importance of physical conditioning.

All field training courses are conducted at active Air Force bases. Students attending these courses receive pay for the encampment plus travel allowances.

Officer Commissions

Upon graduation from the University, cadets who complete the professional officer course are commissioned as Second Lieutenants in the United States Air Force. As graduates they incur an obligated active duty tour of four years for nonflyers, six 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

Florida State University requires students to demonstrate competency in oral communications prior to graduation. Students who meet the specific criteria below may be awarded the competency through AFR courses.

1. Successfully complete (grade of “C-” or better) the verbal presentation portion of three AFR courses
2. Apply to the department office assistant for award of the competency. Students should be advised that application alone does not guarantee that credit toward 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.
American society and the international arena from the unique vantage point of the African diaspora, most especially focusing on Americans of African descent.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in African-American studies satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

**Requirements for a Minor in African-American Studies**

The African-American studies minor complements a student’s major area of study. The program minor consists of eighteen (18) semester hours to be structured as follows:

1. Completion of nine (9) hours in African-American studies, including the core sequence:
   - AFA 2000 Introduction to the African-American Experience (3)
   - AFA 3101 Theory and Dynamics of Racism and Oppression (3)
   - SYD 4700 Race and Minority Group Relations (3)
   - AND
   - ANT 4352 Peoples and Cultures of Africa (3)
   - OR
   - SOP 3782 Psychology of the African-American (3)
2. At least six (6) additional hours from bachelor of science degree courses Groups A and B, or at least six (6) additional hours from bachelor of arts degree courses A–F
3. At least three (3) hours of African or African-American History

Where appropriate, courses offered at Florida A&M University that are not offered at FSU may be used to fulfill the requirements for a minor in African-American studies. An overall grade of “C-” (2.0 GPA) average in African-American studies courses is required of all program students. African-American studies minors will not receive credit toward their minor for courses in which a grade less than “C-” has been received. A minimum of fifteen (15) semester hours in African-American studies courses must be taken at Florida State University.

**Requirements for a Major in African-American Studies**

The African-American studies majors consist of 120 credit hours, with thirty-six (36) hours of coursework within the major. Students pursuing the bachelor of science degree may specialize in economics, political science, or sociology. Students pursuing the bachelor of arts degree may specialize in humanities. In each case, the student selects nine (9) hours from African-American studies core courses, six (6) hours of either African or African-American history, plus twenty-one (21) hours of elective courses. Courses from the African-American studies core provide the foundational knowledge and theoretical perspectives for the major. Utilizing the electives, students are required to complete a specialty within a particular area of intellectual interest.

**Bachelor of Science (BS) Degree**

Students pursuing the bachelor of science (BS) degree in African-American studies may specialize in economics, political science, or sociology. For all specialties, students must complete nine (9) hours in the African-American studies core sequence:

- AFA 2000 Introduction to the African-American Experience (3)
- AFA 3101 Theory and Dynamics of Racism and Oppression (3)
- OR
- ANT 4352 Peoples and Cultures of Africa (3)
- OR
- SOP 3782 Psychology of the African-American (3)
Economics Specialty

The economics specialty consists of twenty-one (21) hours of coursework from the following set of courses.

   
   - ECO 4421 Introduction to Econometrics (3)
   - ECO 3104 Applied Microeconomic Analysis (3)
   - ECO 4101 Intermediate Microeconomic Theory (3)

   
   - ECO 4704 International Trade (3)
   - ECP 3143 Afro-Americans in the American Political Economy (3)
   - ECP 3203 Labor Economics (3)
   - ECP 4813 Urban Economics (3)

3. Supplementary courses (two [2] courses or six [6] hours) from one or more of the following: any course from the economics, political science, or sociology specialties; any course from the Social Science Supplementary Courses (see below); or other social science courses that have been approved by the Director of African-American Studies.

   - ECO 4203 Intermediate Macroeconomic Theory
   - ECO 4400 Games and Decisions
   - ECO 4401 Introduction to Mathematical Economics
   - ECO 4431 Introduction to Economic Forecasting
   - ECO 4455 Experimental Economics

Political Science Specialty

The political science specialty consists of twenty-one (21) hours of coursework from the following set of courses.

1. Required course (three [3] hours):
   
   - POS 3713 Understanding Political Science Research (3)

   
   - CPO 3034 Politics of Developing Areas (3)
   - POS 3142 Urban Politics (3)
   - POS 4931 Special Topics in Government [Race, Ethnicity and Politics] (1–3)
   - POS 4624 The Supreme Court, Civil Liberties, and Civil Rights (3)
   - PUP 3002 Introduction to Public Policy (3)
   - PUP 4024 Interest Groups, Social Movements, and Public Policy (3)
   - URP 4741 Introduction to Issues in Housing and Community Development (3)

3. Supplementary courses (two [2] courses or six [6] hours) from one or more of the following: any course from the economics, political science, or sociology specialties; any course from the Social Science Supplementary Courses (see below); any course from the Humanities section of the bachelor of arts groups; or other social science courses that have been approved by the Director of African-American Studies.

   - POS 3713 Understanding Political Science Research (3)
   - POS 3715 Politics and the Theory of Games
   - POS 3931 Special Topics in Government [Race, Ethnicity and Politics] (1–3)
   - POS 4715 Politics and the Theory of Games

Sociology Specialty

The sociology specialty consists of twenty-one (21) hours of coursework from the following set of courses.

   
   - SYA 4010 Sociological Theory (3)
   - SYA 4400 Social Statistics (3)

   
   - SYA 4930 Selected Topics in Sociology [African-Americans in US Society] (3)
   - SYD 4700 Race and Minority Group Relations (3)
   - SYO 3350 Social Classes and Inequality (3)
   - SYP 3350 Collective Action and Social Movements (3)

3. Supplementary courses (two [2] courses or six [6] hours) from one or more of the following: any course from the economics, political science, or sociology specialties; any course from the Social Science Supplementary Courses (see below); any course from the Humanities section of the bachelor of arts groups; or other social science courses that have been approved by the Director of African-American Studies.

   - SYA 4010 Sociological Theory (3)
   - SYA 4400 Social Statistics (3)
   - SYA 4700 Race and Minority Group Relations (3)
   - SYO 3350 Social Classes and Inequality (3)
   - SYP 3350 Collective Action and Social Movements (3)

Bachelor of Arts (BA) Degree

Students pursuing the bachelor of arts (BA) degree in African-American studies specialize in a broad range of the humanities. The program consists of one hundred twenty (120) hours of course work as described below.

1. Completion of nine (9) hours in the African-American studies core sequence:
   
   - AFA 2000 Introduction to the Afro-American Experience (3)
   - ANT 4352 Peoples and Cultures of Africa (3)
   - SOP 3782 Psychology of the African-American (3)

2. Completion of six (6) hours in African or African-American history

3. Completion of twenty-one (21) additional hours from the Humanities course groups below. Students may elect to take six (6) hours from the Social Science Supplementary Courses

African-American Studies Course Listing

Note: Descriptions for the courses listed below can be found in their respective chapters within this General Bulletin.

Art
- ARH 4115 Archaeology of Ancient Egypt (3)

Music
- MUS 4801 History of Jazz I (2)
- MUS 4802 History of Jazz II (2)

African-American Studies
Humanities

English
AFL 2600 Introduction to African-American Literature (3)
AFL 3680 American Multi-Ethnic Literature (3)
AFL 4604 The African-American Literary Tradition (3)
LIT 4329 African American Folklife (3)

History
AFH 3451 Sub-Saharan Africa Since 1800 (3)
AFH 4302 North African History: A Survey (3)
AMH 1091 The African-American Experience in the United States (3)
AMH 2096 Black Women in America (3)
AMH 2097 Nationality, Race, and Ethnicity in the United States (3)
AMH 4571 Black America to 1877 (3)
AMH 4572 Black America Since 1877 (3)
LAH 4470 History of the Caribbean (3)
LAH 4723 Race and Class in Colonial Latin America (3)
HIS 4730R Special Topics in History (3)

Philosophy
PHM 2124 Philosophy of Race, Class and Gender (3)

Religion
REL 3930R Special Topics in Religion (1–3)
REL 4190R Undergraduate Religion and Culture Seminar (3)

Social Sciences
Economics
ECO 4704 International Trade (3)
ECP 3143 Afro-Americans in the American Political Economy (3)
ECP 3203 Labor Economics (3)
ECP 4613 Urban Economics (3)

Political Science
CPO 3034 Politics of Developing Areas (3)
POS 3142 Urban Politics (3)
POS 3931R Special Topics in Government (1–3)
POS 4624 The Supreme Court, Civil Liberties, and Civil Rights (3)
PUP 3002 Introduction to Public Policy (3)
PUP 4024 Interest Groups, Social Movements, and Public Policy (3)
URP 4741 Introduction to Issues in Housing and Community Development (3)

Sociology
SYD 3600 The Community in Urban Society (3)
SYD 4700 Race and Minority Group Relations (3)
SYG 2010 Social Problems (3)
SYO 3530 Social Classes and Inequality (3)
SYO 4352 The Sixties: Social Change, Social Movement (3)
SYP 3350 Collective Action and Social Movements (3)

Social Science Supplementary Courses
AFA 3930R Special Topics (1–3)
AFA 4905R African-American Studies Directed Individual Study (1–4)
HHD 2152 Multicultural Perspectives in Residential Environments (3)
SOP 3782 Psychology of the African-American (3)

Note: Special topics and seminar courses receive credit toward the African-American studies major or minor only when it is appropriate for them to do so. Where appropriate, courses offered at Florida A&M University that are not offered at FSU may be used to fulfill the requirement for a bachelor’s degree with permission of the academic dean.

Definition of Prefix
AFA—African-American Studies

Undergraduate Courses
AFA 1003 Diversity and Justice (1). This course integrates African authors, pre- and post-Apartheid, to demonstrate the problems of living in a diverse world. It fosters awareness and acceptance of people different from students through the study of African-American culture, and stimulates an appreciation and respect for people of all cultures.

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 3330. Black Families in America (3). This course explores the social, economic, and cultural forces that have shaped the development of African-American families. In examining historical and contemporary transitions in the structure and functioning of African-American families, special emphasis is given to the bifurcation in the distribution of wealth and power in American society, as well as the role of racial stratification. The course also seeks to empirically examine contemporary policy and political debates on crucial issues confronting African-American families.
AFA 3330R. Special Topics (1–3). Varies with instructor, and semester. May be repeated to a maximum of nine (9) semester hours.
AFA 4905R. African-American Studies Directed Individual Study (1–4). May be repeated during the same semester.

Certificate Program in the PEPPER INSTITUTE ON AGING AND PUBLIC POLICY

COLLEGE OF SOCIAL SCIENCES

Director and Rod and Hope Brim Eminent Scholar: David Macpherson (Economics); Mildred and Claude Pepper Eminent Scholar: Quadagno (Sociology); Professors: Barrilleaux (Political Science), Bourgeois (Communication Disorders), Charness (Psychology), Fournier (Economics), Weissert (Political Science); Associate Professor: Reynolds (Sociology); Assistant Professors: Barrett (Sociology), Bokhari (Economics), Dijkstra (Psychology); Affiliates: Brooks, Brummel-Smith, Cowart, Ebener, Ferris, Hinterlong, Kelley, LaPointe, Licht, D. Lloyd, J. Lloyd, Miles, Quimett, Pantom, Pomidor, Rohlinger, Taylor, Thomas, Vinton, Wolfson

The Pepper Institute on Aging and Public Policy has a multidisciplinary focus and plays a coordinating and facilitating role for the work in all academic units with interests in aging and social policy. As an internationally recognized site of multidisciplinary research, the institute reflects many of the strengths of Florida State University. Through the College of Social Sciences, the Pepper Institute offers a master’s degree in aging studies. The institute supports a rigorous research program that mirrors the interests of faculty and their contributions to health policy, health care, and health financing; retirement, pensions, and income inequality; family structure, care-giving, and end-of-life issues; social welfare policy; and the special concerns of older women and minority group members. The institute also sponsors an exceptional educational outreach program for mature adults, the Academy at FSU. As part of the broader University community, the Pepper Institute seeks to teach each new generation the importance of learning as a life-long activity and the value of service to others. The Pepper Institute offers an undergraduate and graduate Certificate in Aging Studies that can be completed by any student in the University. Application to the program is made to the Pepper Institute on Aging and Public Policy. For more information, contact slampman@mailer.fsu.edu.

Requirements for the undergraduate Certificate in Aging Studies include a three (3) semester hour internship (ISS 4944R Practicum in Aging Studies) enabling students to gain experience in a setting associated with services for the elderly, and the completion of an additional nine (9) semester hours of course work in aging from the list of approved courses.

Selected Course Offerings

DEP 4404 Psychology of Aging (3) [Prerequisite: PSY 2012]
ECP 3530 Economics of Health (3)
HFT 3272 Senior Services Management (3)
ISS 4931 Special Topics [Aging Studies] (1–3)
ISS 4944R Internship [Practicum in Aging Studies] (3–6)
NUR 3195 The Individual, Death, and the Family (3)
NUR 3286 Nursing the Aging Family (3)
PSB 4641 Pain and Suffering (3)
PSY 4930 Special Topics In Psychology [Successful Aging] (3)
RCS 4930R Special Topics in Rehabilitation Counseling [Social Psychology of Aging] (1–4)
REL 3191 Death and Dying (3)
SOW 4645 Aging and Old Age: Social Work with the Aged (3)
SOW 4935r Seminar in Social Work: Selected Topics [Aging] (3)
SPA 4411 Acquired Language Disorders (3)
SYA 4930 Selected Topics in Sociology [Law and Ethics of Caregiving] (3)
SYP 3730 Aging and The Life Course (3)
URP 4523 Introduction to Health Planning (3)
URP 4531 Policy and Planning for the Aged (3)
URP 4936 Special Topics in Urban and Regional Planning [Regulatory Aspects of Health Care] (3)

Students will be able to choose from a diverse selection of courses, depending on a selected focus, for nine (9) of the twelve (12) hours. The final three (3) hours will consist of a required internship, ISS 4944 Practicum in Aging Studies. Students must receive permission from the Pepper Institute on Aging Education Director to complete this course. The Institute offers a graduate Certificate in Aging Studies. For details, please refer to the Graduate Bulletin. Other opportunities for concentrated study in aging are available by earning a minor in aging in conjunction with another discipline. A minor in aging studies shall consist of at least twelve (12) semester hours from the approved list of courses offered in conjunction with the interdisciplinary aging program through the College of Social Sciences with a grade of “C–” or better. Utilizing the resources of a number of departments and programs, this minor allows the student to study aging research, policies, and services from an interdisciplinary perspective.

AIR FORCE ROTC: see Aerospace Studies

Program in
AMERICAN AND FLORIDA STUDIES

COLLEGE OF ARTS AND SCIENCES

Director: John Fenstermaker (English); Advisory Committee: Bearor (Art History), Davis (History), Junonville (History), Moore (English), Wiegand (Information Studies)

American Studies is concerned with the culture of the United States studied from cross-disciplinary interdepartmental perspectives. The aim of the program is toward enlarged dimensions of awareness rather than toward further refinements of disciplinary analysis. A wide variety of courses is available from many departments. The flexibility of the program gives students an opportunity to develop a curriculum commensurate with their own interests and needs.

In addition, students may focus on Florida studies, that is, on Florida in the Americas. The same cross-disciplinary mode of study is utilized to interpret the Florida experience in the context of the way(s) Florida has been perceived by Americans, past and present.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in American and Florida studies satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Major

Thirty (30) semester hours are required, distributed in a way satisfactory to both the student and the director, not including courses used to satisfy liberal studies requirements. All students are required to take at least nine (9) semester hours in American studies courses, including a special topics course, and at least three (3) semester hours in each of the areas of study listed below. No more than twelve (12) semester hours in any one area may be counted toward the major. The areas of study are literature, history, fine arts, and social sciences. Any course in the University that deals primarily with the United States may be included under one of these areas. Interested students may obtain from the director a list of courses generally used in the program. In addition, students must complete an approved minor.

Honors in the Major

American studies participates in the honors in the major program to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Minor

The minor in American and Florida studies offers an excellent complement to a major in humanities, the social sciences, and fine arts. The minor requires AMS 3310 Changing Concepts of the American Character, and AMS 3810 The Life of the Mind in America, plus six (6) semester hours in history, literature, fine arts, or social sciences that have been approved by the director.

Combined Bachelor’s/Master’s Degree Program

American and Florida studies offers a combined BA/MA program designed for academically strong students who wish to pursue an accelerated program culminating in a bachelor of arts degree and a master of arts degree. This five-year program allows up to twelve (12) semester hours of coursework to be dually counted toward both the BA and the MA degree.

Before applying to the combined BA/MA program in American and Florida studies, an undergraduate student should have declared American and Florida studies as the major, completed at least twelve (12) semester hours of course work toward the major with a GPA of 3.5 in that course work, and completed at least sixty (60) semester hours at Florida State University with a GPA of 3.0. Transfer students must have completed at least two semesters and twenty-four (24) semester hours at Florida State while maintaining a GPA of 3.0 before applying.

Undergraduate students may apply as early as the second semester of their sophomore year. If accepted, they should take the GRE at the end of their junior year and apply to the graduate school during the first semester of their senior year. Students who fail to be admitted into the graduate school may not continue with the accelerated program. In order to remain in the accelerated program, a student must maintain at least a 3.0 GPA in all course work and at least a 3.2 GPA in courses counting toward the major in American and Florida studies at or above the 4000 level.

Definition of Prefix

AMS—American Studies

Undergraduate Courses

Note: AMS 3310 Changing Concepts of the American Character, and AMS 3810 The Life of the Mind in America, fulfill the Liberal Studies Humanities requirement and are designated by the Undergraduate Policy Committee as requiring 3,000 words of writing. AMS 3310 also satisfies the Liberal Studies Literature requirement.

AMS 3312r Issues in American Civilization: The University (1–2), (S/U grade only.)
AMS 3319r Changing Concepts of the American Character (3).
AMS 3810r The Life of the Mind in America (3). This course addresses topics in American intellectual history. May be repeated to a maximum of six (6) semester hours.
AMS 3932r Lecture Series in American Problems (3). May be repeated to a maximum of six (6) semester hours.
AMS 3949r Cooperative Education Work Experience (0), (S/U grade only.)
AMS 4905r Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.
AMS 4913r Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.
AMS 4935r Senior Seminar (3). May be repeated to a maximum of six (6) semester hours.
AMS 4941r Internship in an Approved American Studies Field (3–9), (S/U grade only.) Must have completed one full semester of major courses [twelve (12) credit hours or more] before registering for internship. May be repeated to a maximum of nine (9) semester hours.
Graduate Courses

AMS 5809r. Seminar in American Culture (3).
AMS 5815r. Seminar in American Thought (3).
AMS 5908r. Directed Individual Study (1–3).
AMS 5915r. Supervised Research (1–3). (S/U grade only.)
AMS 5940r. Supervised Teaching (1–3). (S/U grade only.)
AMS 5942r. Internship in an Approved American Studies Field (3–9). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s examination and defense, consult the Graduate Bulletin.

Department of ANTHROPOLOGY

COLLEGE OF ARTS AND SCIENCES

Chair: Dean Falk; Professors: Doran, Falk, Pohl; Associate Professors: Marlowe, Marrinan, Parkinson, Peters, Schepartz, Uzendoski, Ward; Assistant Professors: Hellweg; Professors Emeriti: Grindal, Ho, Pareades; Courtesy Professor: Pullen; Adjunct Professor: Harmon

Anthropology investigates humankind in all its diversity. It includes the study of human origins, physical characteristics, adaptations, distributions, customs, artifacts, languages, beliefs, and practices. Anthropologists divide their work among four subdisciplines. Archaeologists study material objects left behind by prehistoric and historic peoples and document stability and change in human behavior over long time periods. Physical (biological) anthropologists study living primates, the fossil record of primates and early humans, comparative anatomy and osteology, contemporary forensic anthropology, medical anthropology, human variation, and the evolutionary and biological bases for cognition and culture in humans. Cultural anthropologists live among and study contemporary peoples; their social institutions; their history, their political, religious, and medical practices; and the creative products of their social lives. Anthropological linguists study the evolution and structure of human language and the relationships between language, culture, and society.

The undergraduate offerings in anthropology include survey courses to give liberal studies students an introduction to human diversity and behavior, and upper division courses for advanced students with specialized interests. The undergraduate major provides a rigorous course of study intended to prepare students for graduate study in any one of the subfields of anthropology. The major also provides a science-based liberal arts education to students wishing to pursue other professional degrees such as law or medicine (with additional coursework) and to those students who may not wish to pursue graduate study. Students with anthropology majors often develop careers in areas of public policy, cultural resource management, public health, women’s studies, museum studies, and other areas where practical approaches contribute to providing workable solutions to human problems.

The department also participates in the undergraduate programs in Latin American and Caribbean studies, Middle Eastern studies, and in the honors in the major program. For detailed information about the anthropology major and the department, please visit http://www.anthro.fsu.edu.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Anthropology satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

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 Florida State University.

They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Two introductory courses for six (6) semester hours in anthropology (ANT prefix). See the department for details.

Requirements for a Major in Anthropology

Please review all college-wide requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. For the bachelor of science (BS) degree in anthropology, the requirements listed below, along with the requirements of the College of Arts and Sciences, must be fulfilled. Of the upper division hours (3000 and 4000-level classes), nine (9) semester hours in the humanities and history are required for the bachelor of arts (BA) degree.

Major

To complete a BA or BS degree with a major in anthropology, a student must take, in addition to other college requirements, thirty-two (32) semester hours of anthropology courses, including the following: ANT 2100, 2100L, 2410, 2511, 2511L, and 3610, and eighteen (18) semester hours of work at the 4000 level of which ANT 4034 (History of Anthropology) must be included. No more than three (3) semester hours of credit in fieldwork courses and no hours of directed individual study (DIS) or satisfactory/unsatisfactory (S/U) credits may be used to meet the specific requirement of eighteen (18) 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-two (32) 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 eighteen (18) semester hours of work at the 4000 level. No anthropology course for which the student receives a grade below “C–” may be counted toward satisfaction of the major requirements.

Minor

The anthropology department requires the completion of a minor of twelve (12) semester hours in a related department or program. Courses in which a student receives a grade below “C–” will not be counted toward the minor.

Honors

The Department of Anthropology offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin, or visit http://www.anthro.fsu.edu.

Requirements for a Minor in Anthropology

Twelve (12) semester hours in anthropology, including either ANT 2410 or ANT 2511, are required. Courses in which a student receives a grade below “C–” will not be counted toward the minor.

Definition of Prefixes

ANG—Anthropology: Graduate
ANT—Anthropology
LIN—Linguistics

Undergraduate Courses

ANT 2000. Introduction to Anthropology (3). This introductory course offers a holistic approach to understanding what it means to be human, studying humans and human behavior from the perspectives of evolution and genetics, the archaeological record, and language and culture.

ANT 2100. Introduction to Archaeology (3). This course is an introduction to modern anthropological archaeology. The course introduces students to the interdisciplinary 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 sessions on different topics. Exercises are designed to teach specific analytical techniques, including paleozoological analysis, paleobotanical analysis, geophysical prospecting techniques, and GIS.

ANT 2138. World’s Greatest Shipwrecks (3). This course provides an introduction to the field of nautical archaeology through the excavation and exploration of ships and boats from 5000 years ago in ancient Egypt to the U.S.S. Yorktown of WWII II. From Titanic to treasure ships, this global survey explores economy, technology, and society.

ANT 2410L. Natural Archaeology (3). This course introduces the student to the origin and development of human lifeways with emphasis on non-Western societies. A comparative perspective is used to examine language, social organization, religion, values, and technology. Attention is given to the emergence of contemporary cultures.

ANT 2416. Childhood Around the World (3). This course examines the variety of ways childhood is experienced in other cultures, allowing students without a background in anthropology to develop an appreciation for the nature of childhood and the pivotal role this stage plays in human and cultural continuity. Maximum enrollment is required in order to ensure a quality field experience.

ANT 2470. The Anthropology of Globalization (3). This course introduces students to the topic of globalization as conceptualized by cultural anthropologists, examining the spread of capitalist economic interests and currents of modernity, and the ways in which new techniques of domination and conservation of cultural diversity are met with resistance. A specific focus is given to 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 the Middle East, Europe, China, Africa, and the Americas.

ANT 3212. Peoples of the World (3). A survey of the world’s 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 3585. Race: Biology and Culture (3). This course investigates the concept of race from perspectives of biology and cultural anthropology. The course involves the analysis of human biological variation and critically examines how these patterns compare to conventional ideas about race. The course content places American racial worldview in cross-cultural and historical perspective.

ANT 3590. 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 how language is used to observe our enunciation of the past. This course requires students to engage in an investigation of such a body from search to documentation, collection, processing, and lab analysis.

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

ANT 4082. Technology and Social Change (3). This course introduces students to anthropological approaches to the study of technology. The goal is to explore the systemic relationship between technological developments and economics, politics, and social structure both in the past and present.

ANT 4122. Wetlands Archaeology (3). This course provides an introduction to wet site archaeology, incorporating an overview of wet sites, their geographic distribution, methods of excavation, conservation requirements, and interpretation of the data. Maximum enrollment required in order to ensure a quality field experience.

ANT 4125. Paleoneutron (3). Methods in reconstruction of past economic behavior/diet. Includes lab work with identification of plants and animals, analysis of evidence of climatic and ecological change, and an examination of human dietary and nutritional changes.

ANT 4133. Introduction to Underwater Archaeology (3). A survey of the history, theory, methods, and problems of underwater archaeology, with attention given to the types of investigations and environments in which underwater archaeology is conducted and to the field's particular concerns, its relation to the life cycle of the material culture and to the environment.

ANT 4134. Nautical Archaeology of the Americas (3). Students will study human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft built or used in the Americas.

ANT 4135. Nautical Archaeology: Global View (3). In this course, students will study human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft built or used in Asia, Australia, the Mediterranean, and Europe.

ANT 4142. European Prehistory (3). This course introduces students to the archaeology of the European continent from its initial colonization by early hominids during the Lower Paleolithic through the archaic state civilizations of the Aegan Bronze Age.

ANT 4145. Origins of Complex Society (3). This course examines the evolution of complex societies and theories of state origins using a comparative method involving ecological, economic, political, and ideological approaches to investigate the origins, collapse, and sustainability of complex societies.

ANT 4153. North American Archaeology (3). This course examines the prehistory of North America from the earliest big-game hunters who exploited extinct megafauna to the societies existing at the time of historic contact. Regional variation and continuity in subsistence and settlement patterns and material culture are examined.

ANT 4163. Mesoamerican Archaeology (3). This course surveys the development of Mesoamerica from its origins to the collapse of Teotihuacan in the 7th century A.D. Emphasis is placed upon the evolution of Mesoamerican culture, its relation to contemporary world problems.

ANT 4175. Anthropology of the Islamic World (3). This course examines the traditions and culture of Islamic peoples as reflected in the archaeological record. Issues related to the impact of religion on daily life, nationalism, and the development of archaeology in the Middle East are considered.

ANT 4227. Topics in Pre Columbian Art and Iconography (3). This course focuses on major centers and traditions in the western hemisphere, with particular attention to cosmology and the socio-cultural context of art in each society. Topics include classic Maya art and iconography; Mixtec codices; Central Mexican art and iconography. May be repeated, when topics vary, to a maximum of nine (9) semester hours.

ANT 4241. Anthropology of Religion (3). The cultural conceptions of supernatural reality, with emphasis on comparative understanding of myth and ritual, the religious experience, and religious evolution and revitalization movements.

ANT 4302. Sex Roles in Cross-Cultural Perspective (3). Sex roles in anthropological perspective with emphasis on data from archaeology and ethnology. Special emphasis on the interpretation of sex roles by anthropologists in the field.

ANT 4309. Conquest of the Americas (3). This course examines the conquest of the Americas. It explores the arts of domination, power, and resistance and specific historical encounters where such arts are employed.

ANT 4323. Peoples and Cultures of Mexico and Central America (3). Provides an overview of Mexican and Central American visual traditions 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 practices. The role of the changing economic and social environment in cultural change will also be examined. Typical emphasis is placed upon cross-cultural applications.

ANT 4337. Peoples and Cultures of Amazonia (3). This course explores problems of similarity, difference, diversity, and nature/culture in Amazonia. It addresses the conceptual problem of where one culture ends and another begins with regard to Amazonian peoples. Topics include regional networks of trade, similar knowledge systems, shamanism, rainforest ecology, and social organization.

ANT 4352. Peoples and Cultures of Africa (3). A survey of African peoples and cultures, emphasizing the sub-Saharan region. Topics to be studied include geography, prehistory, history, religion, political economy, kinship, gender, and marriage. Contemporary issues in the anthropology of Africa.

ANT 4363. Japanese Society and Culture (3). This course is intended to be an anthropological introduction to Japan. It aims to clarify the origins of Japanese culture and people, to familiarize the student with relevant theories, and to account for the relationship among the components of culture such as ideology, social structure, personality formation, and economic development.

ANT 4390. Kinship and Social Organization (3). This course surveys anthropological thought and practice (theory and methods) with respect to kinship and related forms of social organization, including the classification and analysis of kinship systems and associated topics such as family structure, gender, community, descent theory and alliance theory, and the role of kinship in the different social systems.

ANT 4465. Introduction to Medical Anthropology (3). This course is an investigation of different medical systems and their practitioners, the ecology of health, illness, human adaptation, and change over time.

ANT 4525. Human Osteology (3). Prerequisite: ANT 2511 or permission of the instructor. This course is designed to acquaint the student with each of the bones of the normal adult skeleton. It is particularly appropriate for those students interested in archaeology and the study of human evolution. Each bone is examined, followed by a review of abnormal variations. Maximum enrollment is required in order to ensure a quality field experience.

ANT 4527. Human Conflict: Theory and Resolution (3). This course provides an introduction to and examination of human activities and processes as they relate to the construction of political and cultural identity. The course examines the concept of conflict as a definable and manageable social problem, using case studies from a variety of cultural contexts. Typical emphasis is placed upon cross-cultural applications.

ANT 4532. Peoples and Cultures of Asia (3). A survey of Asian peoples and cultures, emphasizing the sub-Saharan region. Topics to be studied include geography, prehistory, history, religion, political economy, kinship, gender, and marriage. Contemporary issues in the anthropology of Africa.

ANT 4546. Prehistory (3). This course is an introduction to the discipline of anthropology and the field's major concerns, including the study of human origins, the early evolution of humanity, and the emergence of complex societies.

ANT 4552. Primate Behavior (3). Prerequisite: ANT 2511 or permission of the instructor. This course introduces the student to the behavior and ecology of free-ranging primates, monkeys, and apes. Anthropological applications of recent findings will be emphasized.
ANT 4535. The Great Apes (3). Prerequisite: ANT 2511 or permission of the instructor. Focuses on the behavior and ecology of the large-bodied, non-human hominoids: chimpanzees, bonobos, gorillas, and orangutans. Introduces the complexities involved in using this evidence to draw conclusions about human evolution.

ANT 4563. The Anthropology of Infancy (3). Prerequisite: ANT 2511 or permission of the instructor. This course provides students with an understanding of the role language plays in society as a means of communication and as a social diacritic, 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, bis- and multilingualism, and literacy and language planning, as featured in case studies from around the world.

ANT 4824. Anthropological Fieldwork: Archaeology (9). 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 intermittent course, sometimes requiring the student to live off-campus.

ANT 4835. Anthropological Fieldwork: Underwater Archaeology (6). Prerequisite: ANT 4824. 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. Specialization in various related disciplines will grid presentations to the class as the course progresses. The field sessions will be at selected sites in the state of Florida and adjoining areas, and will involve diving activities at prehistoric Indian sites and shipwreck locations in Florida waters.

ANT 4907f. Directed Independent Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

ANT 4914f. Honors Work (1–3). May be repeated to a maximum of nine (9) semester hours.

ANT 4930r. Special Topics in Anthropology (1–3). Specialized subjects and topics in anthropology. Topics 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). This course is designed to familiarize students with the world language families, notion of relatedness, sound correspondence, comparative method, internal reconstruction, and the reconstruction of the Proto-Indo-European languages. Several theories of sound change are also discussed.

LIN 4040. Introduction to Descriptive Linguistics (3). This course attempts to develop an understanding of the organization of language, to provide tools and techniques for describing language data, and to examine various models of linguistic description.

Graduate Courses

ANG 5001. Proseminar (1). (S/U grade only.)

ANG 5091. Seminar in Research Methods (3).

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

ANG 5116. Regional Analysis in Archaeology (3).

ANG 5117. Core Seminar in Archaeology (3).

ANG 5124. Archaeobotany (3).

ANG 5129. Wetlands Archaeology (3).

ANG 5134. Nautical Archaeology of the Americas (3).

ANG 5136. Ship Construction: Dugouts to Steamboats (3)

ANG 5137. Nautical Archaeology: Global View (3). 

ANG 5138. Ship Research and Reconstruction (3).

ANG 5142. European Prehistory (3).

ANG 5145. Origins of Complex Society (3).

ANG 5155. Archaeology of the Southeastern United States (3).

ANG 5169r. Regional Civilizations in Ancient Mesoamerica (3).

ANG 5172. Historic Archaeology (3).

ANG 5182. Techniques of Archaeological Conservation (3).

ANG 5193r. Seminar in Archaeology (3).

ANG 5194r. Analysis and Interpretation of Archaeological Research (3).

ANG 5196. Public Archaeology (3).

ANG 5240. Anthropology of Religion (3).

ANG 5242. Symbol and Ritual (3).

ANG 5246. Contemporary Folk Religion (3).

ANG 5269. Economic Anthropology (3).

ANG 5275. Human Conflict: Theory and Resolution (3).

ANG 5309. Conquest of the Americas (3).

ANG 5337. Peoples and Cultures of Amazonia (3).

ANG 5352. Peoples and Cultures of Africa (3).

ANG 5426. Kinship and Social Organization (3).

ANG 5471. Technology and Social Change (3).

ANG 5478. Cultural Evolution (3).

ANG 5491r. Seminar in Social Anthropology (3).

ANG 5493. Core Seminar in Culture Anthropology (3).

ANG 5511r. Seminar in Physical Anthropology (3).

ANG 5513. Core Seminar in Physical Anthropology (3).

ANG 5580. Biocultural Adaptation and Paleodemography (3).

ANG 5581. Method and Theory in Human Biology (3).

ANG 5611. Linguistic Prehistory (3).

ANG 5641. Ethnopoetics (3).

ANG 5675. Core Seminar in Linguistic Anthropology (3).

ANG 5677r. Seminar in Linguistic Anthropology (3).

ANG 5737. Medical Anthropology (3).

ANG 5824r. Anthropological Fieldwork: Archaeology (1–9).

ANG 5901. Field Methods in Cultural Anthropology (3).

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

ANG 5906r. Directed Individual Study (1–3).

ANG 5910r. Supervised Research (1–3). (S/U grade only.)

ANG 5940r. Supervised Teaching (1–3). (S/U grade only.)

ANG 5942r. Internship in Museum Studies (3–9).

ANG 5971r. Master’s Thesis (1–6). (S/U grade only.)

ANG 5976r. Master’s Thesis Defense (0). (S/U grade only.)

ANG 6199r. Research Seminar in Archaeology (3).

ANG 6484. Cultural Analysis (3).

ANG 6499r. Research Seminar in Sociocultural Anthropology (3).

ANG 6590r. Research Seminar in Physical Anthropology (3).

ANG 6690r. Research Seminar in Linguistic Anthropology (3).

ANG 6907r. Directed Independent Study (1–3).

ANG 6908r. Directed Independent Study (1–3).

ANG 6930r. Advanced Seminar in Anthropology (3).

ANG 6980r. Dissertation (1–12).

ANG 8964. Doctoral Qualifying Examination (0).

ANG 8966r. Master’s Comprehensive Examination (0).

ANG 8985. Defense of Dissertation (0).

APPLIED POLITICS: see Graduate Bulletin

ARABIC: see Modern Languages and Linguistics

ARCHAEOLOGY: see Anthropology

Department of ART

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: Joe Sanders; Professors: Blakely, Burggraf, Hartwell, Messersmith, Roche, Sanders, Stewart, Williams; Associate Professors: Garcia-Roig, Hanessian, Hook, Lindblom, Roberson, Rubini, Rutkovsky; Assistant Professors: Eby, Groeniger, Jones, Mann; Associate in Art: Kariko; Assistants in Art: Bowens, Raulerson, Simonsen; Coordinator: Straus; Professors Emeriti: Bell, Fichter

The Department of Art offers diverse 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 an academically challenging environment. The department is committed to excellence in all programs and strives to combine curricular flexibility and a rigorous mix of experiences with opportunities for serious, focused study in art and design. The department benefits from the Museum of Fine Arts (MOFA) for
student and faculty exhibitions. Additionally, the department serves as a resource to the rest of the University, providing exhibitions, visiting artist lectures, and foundation courses for related programs.

The Department of Art offers an undergraduate degree program leading to the bachelor of arts (BA) degree in studio art. The comprehensive, limited-access degree programs in art and design 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 a BA 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. Studies may include ceramics, electronic media, design, drawing, installation, painting, photography, printmaking, and sculpture. 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.

The major requirements for studio art and design are currently being reviewed. Entering students should contact the department for specific details regarding major requirements.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in studio art satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or ART 4926C. Undergraduate majors in graphic design satisfy this requirement by earning a grade of “C–” or higher in ART 4926C.

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 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:

**Studio/Fine Art**

1. ART X201
2. ART X202 or ART X203
3. ART X300
4. ART X301
5. ARH X050
6. ARH X051
7. Six to nine (6–9) semester hours of 2000-level introductory media courses (ART or PGY prefix)

**Graphic Design**

1. ART X300
2. ART X201
3. PGY X401
4. ARH X050 or ARH X051

Although optional, students are encouraged to include two to four (2–4) of the following six courses: ARH X050, ARH X051, ART X301, ART X302, GRA XXXX (Computer Graphics), or GRA XXXX (Graphic Design).

**Undergraduate Programs**

**The Foundations 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 foundations program before taking other art courses. The program consists of a sequence of basic drawing, design, art theory, and imaging courses. Students are encouraged to complete their foundations-level courses, particularly in drawing and design, by the end of the sophomore year. The requirements for foundations are currently being reviewed. Entering students should contact the department for specific details regarding foundations requirements.

**Mission**

The Art Foundations Program provides beginning art students with the fundamental skills, knowledge, and experiences essential to their further development as visual arts professionals.

**Philosophy**

In the Foundations Program, students are encouraged to expand their technical skills, develop their critical judgment, explore interdisciplinary connections, refine their personal goals, and increase their understanding of contemporary art and design. Inventive concepts are used to fuel development of compelling composition and constructions. The curriculum provides the basis on which the BA and BFA programs are built in the art department and also provides fundamental coursework for the BS in art education.

**Note:** Students are required to complete State of Florida Common Course Prerequisites as listed above.

**Required Foundations Courses**

(Foundations for all art majors)

The following list of classes must be taken as prerequisites for all other art courses to complete the required foundations program. The requirements for foundations are currently being reviewed. Entering students should contact the department for specific details regarding foundations requirements.

**The Bachelor of Arts Degree**

The bachelor of arts (BA) degree is a fundamental liberal arts program totaling one hundred six (106) semester hours. Requirements are as follows: liberal studies, thirty-six (36) semester hours; completion of the foundations program (including pre-foundations), nineteen (19) semester hours; art history, nine (9) semester hours; additional studio, twenty-one (21) semester hours; a modern language through the 2000-level (twelve [12] semester hours suggested); additional humanities, nine (9) semester hours.

**Concentrations for the BA Degree**

After completing the foundations, students majoring in studio art for the BA degree take courses selected from the studio art media concentration course lists. Students who complete a minimum of twelve (12) semester hours (or eighteen [18] semester hours in graphic design) with a concentration in a media area have that area listed as their media concentration on their record by the Department of Art. For example, a degree under this system might be BA in studio art: concentration in painting. Art majors who do not complete a concentration may choose an interdisciplinary concentration with permission from the department. 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) in studio art is a limited access, one hundred-eighteen (118) semester-hour program. It differs from the BA degree in that it provides the graduate with a more intensive background in professional skills and theoretical knowledge. The BFA degree seeks to develop in graduates an informed personal vision, a high level of com-
petence in technique, 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 foundations program, application for the BFA degree is by portfolio review of the faculty. The process includes an individual review of the student’s portfolio by two faculty, who may recommend that the work be submitted to the entire faculty for consideration.

In addition to the nineteen (19) semester hours of foundations, coursework 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 admitted to 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.

The Bachelor of Fine Arts Degree in Design

The bachelor of fine arts (BFA) in design is a limited access, one hundred-eighteen (118) semester-hour program. It differs from the BA degree in that it provides the graduate with a more intensive background in professional skills and theoretical knowledge. Upon completion of the nineteen (19) semester hours in the foundations program, (3) semester hours of GRA 2190C and (3) semester hours of ART 4926C, application for the BFA degree is by portfolio review of the faculty. The process includes an individual review of the student’s portfolio by two faculty, who may recommend that the work be submitted to the entire faculty for consideration.

In addition to the nineteen (19) semester hours of foundation, coursework includes thirty-six (36) semester hours of liberal studies; fifty-one (51) semester hours in graphic design/electronic media and related studio art subjects that must include DIG 3025 Design History and Theory; and twelve (12) semester hours in art history. Students admitted to 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. The following courses may be taken to satisfy the design concentration requirements:

- **GRA 2190C** Graphic Design I (3) [prerequisite]
- **GRA 3112C** Graphic Design II Typography (3)
- **ART 4108** Contemporary Design Seminar (3)
- **ART 4295C** Advanced Workshop Design Issues (3)
- **ART 4296C** Media Workshop Electronic Imaging (3) [prerequisite]
- **ART 4296C** Media Workshop Introduction to Web Design (3)
- **ART 4298C** Advanced Workshop Design Seminar (3)

Graduate Program

The Master of Fine Arts Degree

The master of fine arts (MFA) in studio art is a three-year residency program with a minimum requirement of sixty (60) semester hours at the graduate level. In addition to University admission requirements, the department requires that all applicants submit a portfolio of slides or original work for review. The program includes a minimum of thirty-two (32) semester hours in studio art, eleven (11) semester hours of electives within or outside the department, a minimum of three courses (nine [9] semester hours) in art history at the graduate level, and a minimum of eight (8) semester hours toward preparation of the graduate exhibition and thesis.

For information regarding the MFA degree, please contact the academic adviser, Department of Art, and refer to the Graduate Bulletin.

Student Safety

Students in each course will be instructed in safe practice with both tools and materials, and will be responsible for following safety regulations.

**Definition of Prefixes**

- **ARH** — Art History
- **ART** — Art
- **DIG** — Digital Media
- **GRA** — Graphic Arts
- **PYG** — Photography

**Undergraduate Courses**

**Correlating Courses**

**ART 2630C** 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 accommodation, criticism, perception, content, and motivation as historical and contemporary influences on and in African-American art.

**ART 3949R** Cooperative Education Work Experience (0). (S/U grade only.) Internships in a variety of work situations are available. These internships are selected by the faculty to enhance development of skills and abilities of the artists.

**PGY 2100C** Photography for Non-Art Majors (3). An introduction to camera operation and image making, with discussion of contemporary and historical work. Emphasis on 35mm slide projects rather than printing techniques. (This course may be offered as part of FSU International Programs curriculum.)

**Studio Courses**

**ART 1201C** Two-Dimensional Foundations (3). Experience in conceptualizing, creating, and critiquing two-dimensional compositions using the elements and principles of design.

**ART 1205C** Drawing Foundations (3). Creative expression and communication using a variety of black and white media.

**ART 2003C** Survey of Studio Art Practices (3). Demonstration, discussions, and slide/film presentations explore the way artists work in a broad range of media. Emphasis on visual perception and basic art making.

**ART 2130C** Beginning Fiber/Fabric Design (3). Prerequisites: ART 1201C, 1300C. This is an introductory survey of fabric design. Traditional and contemporary applications of fabric are discussed. Nonwoven techniques, resist dying, and basic weaving are explored.

**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 natural, straight, and organic shapes. Experience in conceptualizing, creating, and critiquing three-dimensional compositions.

**ART 2301C** Drawing II (3). Prerequisites: ART 1200C, 1201C. This course builds on the technical and conceptual skills learned in Drawing I. Artistic expression and communication through drawing in both black and white and color media.

**ART 2330C** Figure Drawing Foundations (3). Exploration of the anatomical and conceptual complexities of the human form.

**ART 2400C** Fundamentals of Printmaking: Relief (3). Prerequisites: ART 1201C, 1300C. An introduction to relief printing with wood block, linoleum block, and collagraph.

**ART 2430C** Fundamentals of Printmaking: Silkscreen (3). Prerequisites: ART 1201C, 1300C. An introduction to the basic techniques of serigraphy.

**ART 2441C** Fundamentals of Printmaking: Etching (3). Prerequisites: ART 1201C, 1300C. An introduction to intaglio printing in black and white through etching with nitric acid on zinc plates. Techniques include line etching, aquatint, cut plate and embossing, and softground.

**ART 2500C** Painting I (3). Prerequisites: ART 1201C, 1300C. An introduction to personal expression in painting medium; emphasizes color, composition, and painting techniques through historical examples and technical demonstrations.

**ART 2501C** Painting II (3). Prerequisites: ART 2500C. Development of skills/methods of color, form, and considering images, along with in-depth study of painting techniques. Discussion of related contemporary and historical examples.

**ART 2600C** Introduction to Digital Imaging (3). Prerequisites: ART 1201C, 1300C. Course covers: GRA 2190C. Beginning training in digital arts and graphic design.

**ART 2701C** Sculpture I (3). Prerequisites: ART 1201C, 1300C. Introduction to basic sculptural processes of fabrication, carving, modeling, and casting. Emphasis on developing ideas through analytical responses to assignments.

**ART 2725R** Wheel Throwing (3). This is a first course in which the student learns to throw on the potter’s wheel. From the basic cylinder, the student learns to form a pitcher, covered jar, and other functional shapes. Some alteration of thrown forms is also covered. Experience with clay and glazing is helpful but not required. This course may be repeated to a maximum of nine (9) semester hours, with requirements increasing in difficulty each time.

**ART 2803R** Contemporary Art Seminar (1). (S/U grade only.) This is a lecture and discussion course conducted by studio faculty. It provides students with insight into the current work by resident faculty and visiting artists. May be repeated to a maximum of three (3) semester hours.

**ART 3420C** Fundamentals of Printmaking: Lithography (3). Prerequisites: ART 1201C, 1300C. An introduction to the basic lithographic techniques of gravure, drawing, etching, and printing.

**ART 3542C** Watercolor (3). Prerequisites: ART 1201C, 1300C. An introduction to the use of transparent watercolor techniques through lectures and visual aids which demonstrate its possibilities.

**ART 3710C** Sculpture II (3). Prerequisite: ART 2701C. Allows continued experience in more complex three-dimensional techniques; emphasis on individual projects and conceptual developments.

**ART 3764C** Beginning Ceramics (3). Prerequisites: ART 1201C, 1300C. Handbuilding processes and fundamental glazing techniques. Emphasis is on the development of a high degree of technical proficiency and a keen sense of form in ceramic mediums.

**ART 3930R** Special Topics in Art (1–3). (S/U grade only.) Faculty develops topics of importance to students’ interests and needs. May be repeated to a maximum of three (3) semester hours.

**ART 4800** Criticism Seminar (3). Aspects of contemporary art scene, galleries, and markets. Stress on developing portfolio/resume, critical attitude, and skills necessary for presenting work.
ART 4905r. Directed Individual Study (3–9). May be repeated to a maximum of nine (9) semester hours.

ART 4943Cr. Internship in Creative Art (1–12). (SU grade only.) Prerequisites: Core program, “B” average in all related courses. Preference given to seniors. Internships in a variety of work situations. Must be approved by department chair. May be repeated to a maximum of twelve (12) semester hours.

ART 4981r. Honors Work (3). May be repeated to a maximum of twelve (12) semester hours.

DIG 3025. Design History and Theory (3). Prerequisites: ART 1201C, 1300C, 2003C, 2006C, 2301C, 2330C. Corequisites: ART 4926C. A continuation of the basic concepts introduced in methods and concepts I and II as they apply to graphic design. Iconography, signs and symbols, and two-dimensional and three-dimensional compositions will be used as exploratory design problems. These problems extend the methodology and conceptualizing/problem-solving skills of design.

GRA 3112C. Graphic Design III/Type (3). Prerequisites: GRA 2190C; PGY 2401C. This course introduces students to typography and how type works as pure design creating form, value, direction, etc., as letter forms or marks, as well as on a communication level as a message carrier.

GRA 3193C. Graphic Design III/Production (3). Prerequisite: GRA 2190C; Prerequisite or Corequisite: GRA 3112C. Exploration of the design process through solving specific design problems (12 semester hours). The process takes students from conceptualizing explorations to concept refinement to final implementation.

GRA 4108. Contemporary Design Seminar (3). Prerequisite: admission to BFA program. This course is intended to develop knowledge of the historical and social forces that have shaped and continue to shape art and design in contemporary culture.

PGY 2401C. Photography I (3). Prerequisite: ART 1201C or ART 2010C. Photography as a creative medium technology, fine black and white printing, and control between positive and negative images. Emphasis on varying the medium.

PGY 2941C. Digital and Photographic Imaging (3). Prerequisites: ART 2101C, 2003C, 2006C. This course introduces students to lens-formed image production through both print (darkroom) and digital processes (digital). It includes image analysis within both critical and historical frameworks.

PGY 3410C. Photography II (3). Prerequisite: PGY 2401C. Photography as a fine art. Students develop a series of portfolios of images based on their personal vision and understanding of the medium.

Media Workshops

Note: The media workshops allow students to pursue intensive technical studies in one specific medium under the appropriate instructor. Workshops serve as an extension of intermediate courses in corresponding media.

ART 4920Cr. Media Workshop: Fibers (3). Prerequisite: ART 2701C or instructor permission. Includes the raised media approaches to the use of soft materials in art making. May be repeated to a maximum of nine (9) semester hours.

ART 4921Cr. Media Workshop: Painting (3). Prerequisite: ART 2510C. Independent studies under painting instructors. Emphasis on competence in medium and development of individual problems to solutions. May be repeated to a maximum of twelve (12) semester hours.

ART 4922Cr. Media Workshop: Sculpture (3). Prerequisites: ART 2701C; clay sculpture workshop requires ART 3110C. Intensive studies under sculpture instructors; stresses competence in the following areas: casting in nonferrous metals, woodwork, and landscape sculpture planning and production, and clay workshop. May be repeated to a maximum of twelve (12) semester hours.

ART 4923Cr. Media Workshop: Printmaking (3). Prerequisites: Appropriate courses in fundamentals of printmaking; preparing, preparing photo-silk-screen and photo-lithography workshops require PGY 2401C. Advanced techniques of silkscreen, relief printing, etching, and lithography, as well as photo-silk-screen, relief printing, and papermaking, depending on appropriate instructor. May be repeated to a maximum of twelve (12) semester hours.

ART 4924Cr. Media Workshop: Photography (3). Prerequisites: ART 2401C, 3410C. Various areas of photographic study, including nonsilver and advanced silver printing techniques, offset lithography, and conceptual approaches to the use of imaging. May be repeated to a maximum of twelve (12) semester hours.

ART 4925Cr. Media Workshop: Word and Image (3). Prerequisites: ART 2230C, 3232C, 3233C. Intensive studies in intermediate graphic design. May be repeated to a maximum of twelve (12) semester hours.

ART 4925Cr. Media Workshop: Typography (3). Prerequisites: ART 2230C, 3232C, 3233C. Intensive studies in intermediate graphic design issues dealing with typography. May be repeated to a maximum of twelve (12) semester hours.

ART 4926Cr. Media Workshop: Design Production and Image (3). Prerequisites: ART 2230C, 3232C, 3233C. Intensive studies in intermediate graphic design dealing with issues in image and production techniques. May be repeated to a maximum of twelve (12) semester hours.

ART 4926Cr. Media Workshop: Electronic Imaging (3). Corequisite: GRA 2190C. Electronic imaging, video, computer graphics, animation. May be repeated to a maximum of twelve (12) semester hours.

ART 4927Cr. Media Workshop: Metals (3). Prerequisite: ART 2701C. Includes sculptural methods and metal forming in a more expansive and versatile approach. May be repeated to a maximum of twelve (12) 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 the 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 (3). This is a tutorial course available only to BFA and BS students. May be repeated to a maximum of twenty-seven (27) semester hours.

ART 4928Cr. Advanced Workshop: BFA All Media (3).

ART 4928Cr. Advanced Workshop: Ceramics (3).

ART 4928Cr. Advanced Workshop: Design Production and Image (3).

ART 4928Cr. Advanced Workshop: Electronic Imaging (3).

ART 4928Cr. Advanced Workshop: Experimental Web Design (3).

ART 4928Cr. Advanced Workshop: Graph Design Problems (3).

ART 4928Cr. Advanced Workshop: Painting (3).

ART 4928Cr. Advanced Workshop: Photography (3).

ART 4928Cr. Advanced Workshop: Printmaking (3).

ART 4928Cr. Advanced Workshop: Sculpture (3).

ART 4929Cr. Advanced Workshop: Digital Cinema (3).

ART 4929Cr. Advanced Workshop: Electronic Imaging (3).

ART 4929Cr. Advanced Workshop: Graph Design Problems (3).

ART 4929Cr. Advanced Workshop: Painting (3).

ART 4929Cr. Advanced Workshop: Photography (3).

ART 4929Cr. Advanced Workshop: Printmaking (3).

ART 4929Cr. Advanced Workshop: Sculpture (3).

ART 4930Cr. Advanced Workshop (3). Critical issues in contemporary art. The course will vary each semester and will cover topics of critical significance in 20th-century contemporary art. This is a seminar course open only to BFA students. May be repeated for a maximum of twenty-seven (27) semester hours.

ART 4931r. Instruction in Advanced Technical Problems (3–6). May be repeated to a maximum of six (6) semester hours.

Art Related Courses

Note: Some University courses are designated art related and may be accepted toward the BFA degree with written approval from the director of the Department of Art Education. The chair of the department will discuss the benefits of these courses with students who wish to take art related courses that significantly contribute to their media focus and assist in their educational goals.

Graduate Courses

ART 5907r. Directed Individual Study (1–4). (SU grade only.)

ART 5934r. Contemporary Art Seminar (1). (SU grade only.)

Graduate Workshops

ART 5927Cr. Graduate Workshop (1–4).

ART 5928Cr. Graduate Workshop (1–6).

ART 5929Cr. Graduate Workshop (4).

ART 5937r. Graduate Instruction in Advanced Technical Problems (4–8).

ART 5940r. Supervised Teaching (1–3). (SU grade only.)

ART 5972r. Graduate Show and Thesis (1–8). (SU grade only.)
taught in a variety of ways using the disciplines of art and sound educational principles in order to prepare the art education student to teach effectively in public and private school settings and in community arts programs.

Art education courses are offered once per year and are sequenced over a two-year period. Students are required to maintain a portfolio of teaching materials as designated in their course work and are expected to go through a first-year and final review.

The Department of Art Education offers programs leading to the bachelor of science (BS), bachelor of arts (BA), master of science (MS), and master of arts (MA) degrees with certification. For graduate programs, refer to the Graduate Bulletin.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Art Education satisfy this requirement by earning a grade of "C–" or higher in ARE 4455.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. EDF X005
2. EDG X701
3. EME X040*
4. Plus the following general program prerequisites:
   a. ART X300
   b. ART X201
   c. ART X301 or ARH 3001
   d. ART X202 or ART X201
   e. ARH X050
   f. ARH X051
   g. Two 2000-level studio art I courses (six [6] semester hours) with the ART prefix
   h. One of the following courses: ART X510, ART X400, ART X4XX, ART X1XX, ART X110, ART X470

Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social sciences requirements.

In addition to EDG X701, the student must take six (6) additional hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Courses specified in category 4 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

Note: Currently, the faculty is reviewing major requirements. Students interested in a major in art education should contact the department for the most current 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 second 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 course work in: theory and practice I and II; aesthetics of art and visual culture; 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.

Students may elect the Community Service Track, which is designed for the student who is interested in community service and the arts including museums, art center, or other arts agencies. The Community Service Track requires that the student take all required courses for certification with the exception of Student Teaching. In lieu of student teaching, the student conducts a full-time internship in a community arts organization. Unlike the Art Education Certification Program and the Pre-Art Therapy Track, students in the Community Services Track will not be certified to teach in a public school. Service learning hours can be awarded for the Community Service Track internship.

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 3313C. Art in the Elementary Schools (3). Study of significant literature and research in the field; laboratory investigation of materials, ideas, and methods currently used in elementary schools. On-site clinical experiences required.
ARE 4042. Theory and Practice I (3). Prerequisite: Admission to the Art Education Teacher Certification Program. Corequisite: ARE 4144. This course includes the theoretical, historical, philosophical, and sociological underpinnings for the development of curriculum for and the practice of art education in both primary and secondary schools. Observation in the public schools is required.

ARE 4043. Theory and Practice II (3). Prerequisites: ARE 4042, 4144. Corequisite: ARE 4550C. In this course, students develop an understanding of the concepts needed for teaching studio art, history, art criticism, and aesthetics, and develop the skills for developing curriculum in these areas for both elementary and secondary schools. Observation in the public schools is required.

ARE 4144. Human Development and Learning in Art (3). Prerequisite: Admission to the Art Education Teacher Certification Program. Corequisite: ARE 4042. This course provides a theoretical foundation for understanding what children know and learn through artistic inquiry and expression. The course emphasizes practical application of this knowledge to curriculum development and lesson planning. Observation in the public schools is required.

ARE 4294. Art Museum Education (3). Prerequisite: ARE 4930. Building on a base established in the prerequisite course, ARE 4930 Museum Education, this course addresses education in the art museum context.

ARE 4455. Computer Graphics in Art Education (3). Prerequisite: Admission into the Art Education Teacher Certification Program. This course is an introduction to computer functions for preservice art teachers. The primary emphasis is on the development of visual technological literacy through practice and adaptation of computer processes, including the use of graphic software and Web site design for teaching and learning in art.

ARE 4550C. 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 the historical, social, and political context and practical considerations related to women’s professional and personal contributions.

ARE 4909R. 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 4940. Student Teaching in Art (9). (S/U grade only.) Clinical experience teaching art in a public school assignment.

ARE 4950. Portfolio in Art Education (3). Prerequisites: ARE 4042, 4043, 4143, 4144, 4392, 4550C. Corequisite: ARE 4940. Taken in conjunction with student teaching, students document their progress in mastering the 12 Accomplished Practices by preparing professional portfolios for both the elementary and secondary art teaching levels.

Graduate Courses

ARE 5046. Theory and Practice I (3).

ARE 5047. Theory and Practice II (3).

ARE 5145. Human Development and Learning in Art (3).

ARE 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 5295. Art Museum Education (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 5940R. Supervised Teaching (3). (S/U grade only.)

ARE 5940LR. Field Studies (1–3). (S/U grade only.)

ARE 5941R. Practicum I (3).

ARE 5942R. Practicum II (3).

ARE 5943R. Practicum III (3).

ARE 5944R. Field Laboratory Internship (1–9). (S/U grade only.)

ARE 5950R. Portfolio in Art Education (3).

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

ACADEMIC PROGRAMS

Department of ART HISTORY

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: Richard K. Emmerson; Professors: Emmerson, Gerson, Nasgaard, Neuman; Associate Professors: Bearor, Freiberg, Weingarden; Assistant Professors: Bloom, Flores, Grigor, Jolles, Lee; Curator: Hudson; Professors Emeriti: Bosch (deceased), Bucher (deceased), Draper, Mason (deceased), Rose, Teiheit-Fisk (deceased); Courtesy Professors: de Grummond, Palladino-Craig, Pfäff, Pullen, Stone

The Department of Art History offers programs leading to the bachelors of arts (BA), master of arts (MA), and the doctor of philosophy (PhD) in the history and criticism of art.

The faculty includes specialists in Asian art; Islamic art; Early Medieval art; Romanesque and Gothic art; Italian and Northern European Renaissance painting, sculpture, and architecture; Baroque and 18th-century art and architecture; modern architecture; 19th- and 20th-century art and criticism; American and Latin American art; contemporary art and critical theory; history of photography; word-image studies; and museum studies. Members of the classics faculty trained in archaeology and art history offer courses in Aegean, Greek, Etruscan, Roman, and Egyptian art.

The Department of Art History is supported by a rich array of resources, including class rooms fully equipped for multimedia presentations and a visual resource center under the direction of two full-time curators. The resource center houses a computer-searchable collection of over 500,000 slides, digital images, videos, and pedagogical CDs, and maintains image-based Web sites related to each art history course. The University library holdings are extensive and include a rare book and facsimile collection. The library also supports many electronic resources and an excellent interlibrary loan division.

The University Museum of Fine Arts houses several permanent collections and is used for temporary exhibitions. Many of these are generated by faculty and students who have also contributed to exhibitions at the Mary Brogan Museum of Art and Science of Tallahassee. The University administers the Ringling Museum in Sarasota, with its internationally known collection of European and Asian art.

The Florida State University Study Centers in Florence and London offer a range of art history courses and opportunities for the study of art, and the Department of Art History maintains a summer program in Paris, France. Additionally, art history students use the international programs to study language and to pursue museum studies. Museum internships are available through the program in London. Students may gain archaeological experience at the Florida State University excavation at the Etruscan site of Cetamura in Chianti and at the site in Poggio delle Civitelle at San Venanzo.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Art History satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

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 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. ART X201
2. ART X300
3. ARH X050
4. ARH X051
5. Nine to twelve (9–12) semester hours of a foreign language (contact department for details)

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 and nine (9) in studio art. The foundation courses (ARH 3056, 3057, and either 3530 or 4583) provide a broad view of major artists and monuments 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). Nonchronological approach to the understanding and appreciation of works of art.

ARH 2581. Survey of “Tribal” Arts Past and Present (3). This course will study the non-Western arts as tools for interacting with other people, or with environmental or universal forces.

ARH 2630C. Survey in African-American Art and Aesthetics (3). This course surveys special topics in African-American art and aesthetics. We will explore power dynamics, social protest, artistic accommodation, criticism, perception, content, and motivation as historical and contemporary influences on and in African-American art.

ARH 3056. History and Criticism of Art (3). Introductory survey from prehistoric through late-Medieval art history.

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

ARH 3130. Survey of Greek Art and Archaeology (3). Review of the major accomplishments in Greek art from early times up to and including the Hellenistic period through a survey of principal monuments, works, and archaeological evidence.

ARH 3150. Art and Archaeology of Ancient Italy (3). A survey of Italian art and archaeology including early Italy, the Etruscans, and Rome with reference to the major monuments, works, and archaeological evidence.

ARH 3330. 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, in topics such as the ancient world, Buddhism, Chinese aesthetic theory and painting, and native and foreign currents in Japanese art.

ARH 3800B. Methods of Art Criticism (3). Undergraduate seminar in art history with changing topics. May be repeated to a maximum of twelve (12) semester hours.

ARH 3930R. Special Topics I–III (1–3). (SU grade only.) May be repeated to a maximum of six (6) semester hours.

ARH 4110. Art and Archaeology of the Bronze Age in the Aegean (3). A study of the major archaeological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works.

ARH 4111. 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 4154. Archaeology of the Late Roman Empire (3). This course comprises a study of Roman art and archaeology from the second to sixth century CE with emphasis on important sites and monuments.

ARH 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). Prerequisite: ARH 3056 or permission of instructor. Course begins with the first manifestations of Christian art and covers audiences, painting, architecture, and the representation of religious figures in the 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 uses of art in the European Middle Ages, from Barbarian metal work to the acceptance of the classical tradition, to the first mature pan-European art of Romanesque architecture and sculpture. Topics of special interest include pilgrimage, impersonal emotion, and perception.

ARH 4230R. 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, sumptuous arts, and monument commissions by princes and lords. Topics of special interest include the Black Death, devotional art, civic expression, and the arts of the courts.

ARH 4304. History of Renaissance Architecture (3). Prerequisite: ARH 3056 or consent of instructor. A survey of 15th- and 16th-century architecture with emphasis on works by Brunelleschi, Alberti, Bramante, Michelangelo, and Palladio. Discussion will center on how the major architectural types developed and why: churches, city palaces, public piazzas, and country villas. Particular attention will be paid to the impact of antiquity and the emergence of urban planning.

ARH 4310. Early Italian Renaissance Art: 15th Century (3). Prerequisite: ARH 3057 or consent of instructor. An examination of how social and historical issues influenced the arts during the first great cultural flowering of the Renaissance in Florence, Rome, and Venice. Discussion will center on how the requirements of the patron, the vitality of local traditions, and the interaction among the arts all contributed to the creation of the new Renaissance generation.

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

ARH 4321. Northern European Renaissance Art (3). Prerequisite: ARH 3056 or consent of instructor. Developments 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 produced in Western Europe during the Enlightenment, with emphasis on the luxurious, sensual art of the Rococo, the rational classicism of the Palladian Revival, the new moral and philosophical image of women, and the rise of the decorative arts.

ARH 4414. Modern European Art: Neoclassicism through Impressionism (3). Prerequisite: ARH 3056 or consent of instructor. This course treats European art from 1780-1880, concentrating on the evolving dialogue between academic and anti-academic practices through an investigation of the relationship between theory, criticism, and techniques of representation. Topics of inquiry include: David and Neo-classicism; British landscape painting; Delacroix and French Romanticism; Courbet’s Realism and Manet’s Naturalism; and French Impressionism.

ARH 4450. Modern European Art: Post-Impressionism through Surrealism (3). Prerequisite: ARH 3057 or consent of instructor. This course covers the development of art from 1880 to 1940. Topics of discussion include abstraction, Symbolism,原始ism 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 provides the basis for this inquiry.

ARH 4546. Arts of India (3). Painting, sculpture, and architecture of India.

ARH 4551. Arts of China (3). An introduction to the visual arts of China, covering the Neolithic to the modern period. The framework for the course is both chronological and thematic, with special emphasis on how the Chinese have viewed these events and the world in different periods, and how this has been expressed in their arts. Topics include ancient China, the introduction of Buddhism, aesthetic theory and painting, and masters of landscape.

ARH 4554. Arts of Japan (3). An introduction to the visual arts of Japan, covering the ancient to the modern period. The framework for the course is both chronological and thematic, with particular focus on the relationship between culture and the visual arts. Among the topics covered are ancient Japan, Japanese aesthetics, Buddhist art, the rise of the samurai, garden architecture and tea ceremony, castle decoration, and the world of ukiyoe.
Prerequisites: ARH 3056, 3057, 3530.

ARH 4601. Native American Arts and Architecture of the Southwest (3). This course is an in-depth discussion of the archaeology, art, architecture, ceremony, religions, and culture of the Pueblo and Navajo peoples living in the Southwest. It examines issues central to the understanding of how these art forms work within the social and cultural context of the Pueblo and Navajo peoples.

ARH 4620. U.S. Art: Centennial through Late Modernism (3). Prerequisites: ARH 3057 or consent of instructor. This course examines the reactions against Abstract Expressionism and investigates late-modernist practices (e.g., Pop Art, Minimalism, Conceptualism, Earth Art, Performance Art). Topics discussed include contemporary artistic practices and the relationship between "modernism" and "postmodernism".

ARH 4710. History of Photography (3). This course surveys the history of photography from its invention in the 1830s up to the present. It addresses the historical development of the medium both topically and chronologically, focusing on photography’s global reach and its array of social functions. Topics include historical debates about photography’s status as art; commercial and scientific applications; advertising and fashion photography; photojournalism and propaganda; the rise of amateur photography; and contemporary trends and practices. Prior experience in photography is not required.

ARH 4720. History of Art and Photography (3). Prerequisite: ARH 3057 or consent of instructor. Survey of artists and processes in Western printmaking from the 15th century through the 20th century.

ARH 4810. 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 adviser. A written thesis is required.

ARH 4870. 20th-Century U.S. Women’s Art (3). The earliest known sculptor 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 writings on representations of women in art and to the variety of political responses—from Goddesses to Guerrilla Girls—to cultural bias against women.

ARH 4884. Walt Disney and the American Century (3). This course considers Disney and his company in relation to art, society, and politics during the twentieth century. Special attention is paid to Disney's contributions in the realms of film, architecture, and theme park. Through assigned readings and visual material such as cartoons, slides, and documentaries, the course assesses the influence of high art and popular culture on Disney and evaluates Disney's impact on the production and consumption of leisure.

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

ARH 4933r. Special Topics in Art History (3). Undergraduate, upper-level lecture course in art history with changing topics. May be repeated to a maximum of twelve (12) semester hours.

ARH 4941r. 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, only three (3) of which may be applied toward the major in art history.

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. Southern Baroque Art (3).

ARH 5361. Northern Baroque Art (3).

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

ARH 5420. Modern European Art: Neoclassicism through Impressionism (3).

ARH 5445. Modern European Art: Post-Impressionism through Surrealism (3).

ARH 5556. Arts of Japan (3).

ARH 5558. Arts of China (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 5725. History of Graphics (3).

ARH 5797. Seminar in Museum Studies (3).

ARH 5806r. Seminar in the History and Criticism of Art (3).

ARH 5813. Seminar in the Methods of Art History (3).

ARH 5838. The Museum Object (3).

ARH 5875. 20th-Century Feminist Art Criticism (3).

ARH 5885. Introduction to Appraising Personal Property (4).

ARH 5886. Uniform Standards of Professional Appraisal Practice (USPAP) (4).

ARH 5887. Walt Disney and the American Century (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 6339r. Topics in Renaissance Art: Seminar (3).

ARH 6339r. 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
nor 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.

Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Asian studies satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

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 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.

Major must complete the basic university computer competency requirement. CGS 2060 with a grade of “C–” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu for more information.

Language Requirement

All students are required to take twelve (12) semester hours of course work in a relevant area language (Chinese, Japanese, Arabic, or some other Asian language). Students will be encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on the campus of 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 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 toward 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. Students should select these courses with some care in consultation with their academic adviser.

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 courses (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 student’s basic studies requirements. In addition, students opting for the international finance track must complete ACG 2021 as a prerequisite.

International Marketing Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>MAN 3600</td>
<td>Multinational Business Operations</td>
</tr>
<tr>
<td>MAN 4631</td>
<td>International Strategic Management</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Basic Marketing Concepts</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>Multinational Marketing</td>
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</tbody>
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Choose one:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MAN 4605</td>
<td>Cross-Cultural Management (Prerequisite: MAN 3240)</td>
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</table>

OR

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<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>MAN 4680r</td>
<td>Selected Topics in International Management</td>
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</table>

Another related course approved by the Asian studies program adviser

International Finance Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FIN 3244</td>
<td>Financial Markets, Institutions, and International Finance Systems</td>
</tr>
<tr>
<td>FIN 3403</td>
<td>Financial Management of the Firm</td>
</tr>
<tr>
<td>FIN 4604</td>
<td>Multinational Financial Management</td>
</tr>
<tr>
<td>MAN 3600</td>
<td>Multinational Business Operations</td>
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<td>Selected Topics in International Management</td>
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</table>

Another related course approved by the Asian studies program adviser

Honors in the Major

The Program in Asian Studies offers honors in the major to encourage talented juniors and seniors to undertake independent and original work as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Asian Studies Minor

Students minoring in the program must complete eighteen (18) semester hours of Asian studies course work beyond the liberal studies requirement. In this case none of the broader comparative concepts and theories courses will count toward 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ASH 1044</td>
<td>Middle Eastern History and Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>ASH 3100</td>
<td>History of Asia</td>
<td>(3)</td>
</tr>
<tr>
<td>ASH 3200</td>
<td>History of The Ancient Near East</td>
<td>(3)</td>
</tr>
<tr>
<td>ASH 4223</td>
<td>Modern Middle East</td>
<td>(3)</td>
</tr>
<tr>
<td>ASH 4261</td>
<td>Central Asia Since the Mongols</td>
<td>(3)</td>
</tr>
<tr>
<td>ASH 4402</td>
<td>China to 1898</td>
<td>(3)</td>
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### Arts and Humanities Track—Area Specific

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<tr>
<td>ANH 4350</td>
<td>History of Modern Japan (3)</td>
</tr>
<tr>
<td>ANH 4350</td>
<td>History of Modern India (3)</td>
</tr>
<tr>
<td>ANH 4550</td>
<td>Traditional India (3)</td>
</tr>
<tr>
<td>ANH 4550</td>
<td>Modern India (3)</td>
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### Social Science Track—Area Specific

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<tr>
<td>CPO 3034</td>
<td>Politics of Developing Areas (3)</td>
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<tr>
<td>CPO 3435</td>
<td>Comparative Government and Politics: The Middle East (3)</td>
</tr>
<tr>
<td>CPO 3512</td>
<td>Political Development in East Asia (3)</td>
</tr>
<tr>
<td>CPO 3525</td>
<td>Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3)</td>
</tr>
<tr>
<td>CPO 3541</td>
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<tr>
<td>GEA 3704</td>
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<td>INR 4274</td>
<td>Studies in International Politics: The Middle East (3)</td>
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### Social Science Track—Comparative Concepts and Theories

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<tr>
<td>ECO 2013</td>
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<td>ECO 2023</td>
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<td>ECO 4704</td>
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<td>ECS 3003</td>
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<td>GEA 1000</td>
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<td>INR 2002</td>
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<td>PAD 3003</td>
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<td>PSY 2012</td>
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### Arts and Humanities Track—Comparative Concepts and Theories

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<td>CHI 3501</td>
<td>Readings in Chinese Short Stories and Essays (3)</td>
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<td>CHI 4503</td>
<td>Readings in Chinese History (3)</td>
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<td>CHI 4930</td>
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<td>CHT 3391</td>
<td>Chinese Cinema &amp; Culture (3)</td>
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<td>CHT 3930</td>
<td>Topics in Chinese Literature (3)</td>
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<td>HUM 3413</td>
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<td>HUM 3416</td>
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<td>JPN 3202</td>
<td>Readings in Japanese Short Stories and Essays (3)</td>
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<td>Goddesses, Women and Power in Hinduism (3)</td>
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<td>REL 3340</td>
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<td>REL 3358</td>
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<td>REL 3363</td>
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<td>REL 4323</td>
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<td>REL 4333</td>
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<td>REL 4359</td>
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### Arts and Humanities Track—Area Specific

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<td>ANT 3212</td>
<td>Peoples of the World (3)</td>
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<td>ANT 3610</td>
<td>Language and Culture (3)</td>
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<td>ANT 4241</td>
<td>Anthropology of Religion (3)</td>
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<td>ARH 2000</td>
<td>Art, Architecture, and Artistic Vision (3)</td>
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<td>ARH 3056</td>
<td>History and Criticism of Art I (3)</td>
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<td>ARH 3057</td>
<td>History and Criticism of Art II (3)</td>
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<td>GEO 4420</td>
<td>Cultural Geography (3)</td>
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<tr>
<td>MUH 2051</td>
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<td>MUH 2052</td>
<td>Music Cultures of the World (3)</td>
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<td>PHI 2010</td>
<td>Introduction to Philosophy (3)</td>
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<td>PHI 2630</td>
<td>Ethical Issues and Life Choices (3)</td>
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<td>PHI 3670</td>
<td>Ethical Theory (3)</td>
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<td>Philosophy of Religion (3)</td>
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<td>Philosophy in Literature (3)</td>
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<td>REL 1300</td>
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<tr>
<td>REL 3170</td>
<td>Religious Ethics and Moral Problems (3)</td>
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### Definition of Prefix

**ASN**—Asian Studies

### Undergraduate Courses

**ASN 4095r.** Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

**ASN 4930r.** Special Topics in Asian Studies (1–3). May be repeated to a maximum of nine (9) semester hours as topics change.

**ASN 4970r.** Honors Thesis (1–6). 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 in the *Graduate Bulletin* under the individual departments in which they are taught.

**ASN 5900r.** 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.)
For listings relating to graduate course work for thesis, master’s comprehensive examination, and thesis defense, consult the Graduate Bulletin.

ASTRONOMY: see Physics

Requirements for a Major in Biological Science

Please review all college-wide degree requirements summarized in the "College of Arts and Sciences" chapter of this General Bulletin.

1. Prerequisites for Upper-Division Biological Science Courses

Registration in all 3000- and 4000-level biological science courses is allowed only after meeting the following criteria.

a. Satisfactory completion (“C–” or better) of BSC 2010/L (Biological Science I with lab) and BSC 2011/L (Biological Science II with lab)

b. Satisfactory completion (“C–” or better) of CHM 1045/L and CHM 1046/L or CHM 1050/L and CHM 1051/L (General Chemistry I and II with labs)

c. A minimum combined 2.0 GPA in all biology, chemistry, physics, mathematics, and statistics courses, and their prerequisites, that are applicable to the major, from any institution attended

2. Academic Performance

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, chemistry, physics, mathematics, and statistics) and their prerequisites at Florida State University or elsewhere, whether or not repeated, will not be permitted to graduate from Florida State University with a degree in biological science.

c. Designation, continuation, and graduation as a biological science major requires a minimum combined 2.0 GPA in all courses taken for the major from any institution, including biology, chemistry, physics, mathematics, and statistics, and their prerequisites.

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

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 Florida State University. The following shall be included in the thirty-eight (38) semester hours:


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, 4403L Prokaryotic Biology and Laboratory (3,2)
PCB 3134 Cell Structure and Function (3)
PCB 4024 Molecular Biology (3)
PCB 4253 Animal Development (3)

Area II: Physiology
BOT 4503 Plant Physiology (3)
PCB 3743 Vertebrate Physiology (3)
PCB 4723 General and Comparative Animal Physiology (3)

Area III: Ecology and Environmental Science
BSC 3052 Conservation Biology (3)
PCB 3043 General Ecology (3)
ZOO 4513 Animal Behavior (4)

g. Additional courses for major credit at the 3000- or 4000-level to complete the thirty-eight (38) semester hour requirement. No more than six (6) semester hours of honors work in biological science (BSC 4970r), six (6) semester hours of directed individual study (BSC 4900r), one (1) semester hour of undergraduate supervised teaching (BSC 4945), and two (2) semester hours of senior tutorial (BSC 4931) can be used to meet the thirty-eight (38) hour requirement.

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 1045/L plus CHM 1046/L or CHM 1050/L plus CHM 1051/L.
   b. Organic Chemistry: Two semesters of organic chemistry equivalent to CHM 2210 and 2211. Many health professions programs also require CHM 2211/L (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 (MAP 2480) 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 1144 and MAC 1140).

6. Exit Interview:
   All seniors must complete an exit interview in the semester they plan to graduate. For details, contact an adviser in the Biological Science Academic Advising Office.

7. Minor:
   The required collateral courses in chemistry constitute a chemistry minor and fulfill the College of Arts and Sciences requirement for a minor; however, the student may select other minors in consultation with an adviser.

Requirements for a Major in Computational Biology

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

1. Biological Science (eighteen [18] hours)
   BSC 2010 Biological Science I (3)
   BSC 2011 Biological Science II (3)
   PCB 3063 General Genetics (3)
   PCB 4674 Evolution (3)
   plus six (6) hours of biological science elective credit chosen from:
   BOT 4394 Plant Molecular Biology (3)
   BSC 2010L Biological Science I Laboratory (1)
   BSC 2011L Biological Science II Laboratory (1)
   BSC 4613 Systematics (3)

2. Computer Science (sixteen [16] hours)
   CDA 3100 Computer Organization I (3)
   COP 3014 Programming I (3)
   COP 3330 Object Oriented Programming (3)
   COP 3344 Introduction to UNIX (1)
   COP 4530 Data Structures, Algorithms and Generic Programming (3)
   plus three (3) hours of computer science elective credit chosen from:
   CDA 3101 Computer Organization II (3)
   COP 4531 Complexity and Analysis of Data Structures and Algorithms (3)
   COP 4710 Theory and Structure of Databases (3)
   COT 4420 Theory of Computation (3)

   BSC 4933r Selected Topics in Biological Science (3)
   CIS 4930r Special Topics in Computer Science (3)

   MAC 2311 Calculus with Analytic Geometry I (4)
   MAC 2312 Calculus with Analytic Geometry II (4)
   MAD 2104 Discrete Mathematics I (3)
   STA 2171 Statistics for Biology (4)

5. Physics (eight [8] or ten [10] hours)
   PHY 2048C General Physics A (5)
   OR
   PHY 2053C College Physics A (4)
   AND
   PHY 2049C General Physics B (5)
   OR
   PHY 2054C College Physics B (4)

6. Chemistry (eight [8] hours)
   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)

Note: All courses applicable to the major must be completed with a grade of “C–” or better.

Marine Biology Certificate Program in Living Marine Resource Ecology (Upper Division Only)

A Certificate Program in Marine Biology and Living Marine Resource Ecology provides interested students with both a challenging academic program and substantive hands-on experiences in the field. The program prepares students to pursue professional careers in the application of ecology to significant resource issues of the marine environment. The certificate requirements assure a strong knowledge base in relevant biological disciplines, hands-on research experience on marine organisms and habitats, and an awareness of major problems and solutions of marine resource ecology now confronting science and society.

Prerequisites for the certificate program include: (1) completion of prerequisites required for the major in biological science (BSC 2010/L, 2011/L; CHM 1045/L, 1046/L; and (2) a 3.0 GPA or better in the 2000-level biological science core courses (BSC 2010/L and BSC 2110/L). Students enrolling in the program will be required to complete at least sixteen (16) semester hours of specified course work as described below, and must maintain a 3.0 GPA or better in courses used for the certificate. Students wishing to enter the program retroactively may do so by the first semester of their senior year at the latest.

The certificate offers internships, scholarships, and other instructor programs that provide unique professional development opportunities
for students interested in this field. These opportunities allow students to work closely with scientists in a student/mentor relationship, or to attend remote training or study programs during the summer. Selection for scholarship awards is based on academic qualifications; demonstrated interest in fisheries ecology, marine biology, and zoology; and relevance to the applicant’s biological and career interests. Additional information is available through the Academic Advising Office and the department's Institute for Fishery Resource Ecology. For more information about the certificate program and list of required courses, please contact the Academic Advising Office.

Honors in the Major

The Department of Biological Science offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Science Teaching

Students interested in secondary education science teaching should contact the Office of Secondary Science and/or Mathematics Teaching within the department. For more information, see that chapter of this General Bulletin.

Graduate Study

The Department of Biological Science offers work leading to the master of science and doctor of philosophy degrees; consult the Graduate Bulletin for details.

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/L and BSC 2011/L 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 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

PCB—Process Biology

PSB—Psychobiology

SCE—Science Education

ZOO—Zoology

Undergraduate Courses

Courses Not for Major or Minor Credit

BSC 1005. General Biology for Nonmajors (3). Four selected topics in contemporary biology.

BSC 1005L. General Biology Laboratory for Nonmajors (1). May be taken concurrently with lecture or subsequent to completion of lecture with passing grade.

BSC 1005C. General Biology for Nonmajors (4). The history of the conservation movement, 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.

BSC 1004. Microbiology for the Health Services (3). Corequisite: MCB 2004. Microbiology of pathogens that are of human and veterinary importance, with emphasis on infectious disease, food microbiology, and public health.


BSC 4093R. 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/L, 2011/L, CHM 1045/L and 1046/L. Additional prerequisites, if any, are included in the course listing.

Botany

BOT 3015. Plant Biology (2). Introduction to evolutionary relationships, natural history, ecological adaptations, and physiology of plants, fungi, autotrophic protista, and prokaryotes.

BOT 305L. Plant Biology Laboratory (1). Corequisite: BOT 3015. Anatomy, development, and morphology of asexual propagation and fungi and other eukaryotes.

BOT 3143C. Field Botany (4). Introductory plant taxonomy with emphasis on field study. Orientation to principles of identification, classification, and rules of botanical nomenclature.

BOT 3060. Elementary Botany: Plants and Man (3). Man’s uses of plants, plant exploration and early history, plant geography, some basic botany.

BOT 4394. Plant Molecular Biology (3). Prerequisite: BOT 3063. This course explores molecular biology and biotechnology of plant growth and development.

BOT 4503. Plant Physiology (3). Prerequisites: BOT 3015; CHM 2210; PCB 3134 recommended. Introduction to the regulatory systems in plants.

BOT 4503L. Plant Physiology Laboratory (1). Prerequisite: BOT 3015. Corequisite: BOT 4503.

Biological Science

BSC 2010. Biological Science I (3). Corequisites or prerequisites: BSC 2010/L; CHM 1045/1045L. Basic chemistry, energetics, metabolism, and cellular organization; molecular genetics and information flow; animal and plant function.

BSC 2010L. Biological Science I Laboratory (1). Corequisite or prerequisite: CHM 1045/1045L. This course is intended to provide the preparation they require are presented for students planning to immediately enter the job market or to continue their academic careers upon graduation. Not repeatable for credit toward major requirements.

BSC 306C. Careers in the Biological Sciences (1). This course is intended for biology sciences majors at any point in their undergraduate career, but is most beneficial to those in their first three years. Career options in biology-related fields (including health professions) and the preparation, and likelihood, classification of the diversity of the life; the comparative method; analysis of within species variation.

BSC 3076. Science, Technology, and Society (3). The role played by science and technology in the performance of human affairs. The history of science and technology in major civilizations and the major trends in the development of science and technology. Effects of the industrial revolution and of recent technology on modern society, and the way you view the marshes and beaches of the North Florida coast. Ochlockonee Bay, a local marine aquarium, the St. Marks National Wildlife Refuge, and Fiddler’s Point are a part of the Saturday field trip itinerary.

BSC 2086. Anatomy and Physiology II (3). Prerequisites: BSC 2085 or permission of instructor. Continuation of a two-semester human anatomy/physiology sequence beginning with the second half of the nervous system, then continuing with endocrine, cardiovascular, respiratory, digestive, excretory, and reproductive systems. Also included are fluid-electrolyte balance and immunity.

BSC 2086L. Anatomy and Physiology II Laboratory (1). Corequisite: BSC 2086. Sensory and motor systems found in the humorous. Physiology of the sensory and organ systems explored with lab activities and computer simulated experiments.

BSC 3076. Science, Technology, and Society (3). The role played by science and technology in the performance of human affairs. The history of science and technology in major civilizations and the major trends in the development of science and technology. Effects of the industrial revolution and of recent technology on modern society, and the way you view the marshes and beaches of the North Florida coast. Ochlockonee Bay, a local marine aquarium, the St. Marks National Wildlife Refuge, and Fiddler’s Point are a part of the Saturday field trip itinerary.

Prerequisites: CHM 2210; PCB 3063. Emphasis on non-mammalian vertebrate and invertebrate systems. The processes of evolution: origin of life, theories of evolution, sources of variation, natural processes, succession, nutrient cycling and energy flow, species interactions, ecological efficiency, biogeographical ecology. Population biology, population growth; community processes, succession, nutrient cycling and energy flow, species interactions, ecological efficiency, biogeographical ecology.

Microbiology

MCB 4403. Prokaryotic Biology (3) Prerequisites: CHM 2210; PCB 3063. Corequisite: MCB 4403L. Structural and functional characteristics of microorganisms, with emphasis on prokaryotes (bacteria and archaea) and viruses. Topics include: prokaryotic cell structure and function, physiology and genetics of prokaryotes and viruses; physiological and molecular aspects of host-environment interactions; experimental design, data analysis, and computer applications.

MCB 4603. Environmental Microbiology (3) Prerequisite: MCB 4403. The applied aspects of environmental microbiology. Topics include the basic principles of microbial ecology and biotechnology as they apply to biodegradation of pollutants, bioremediation of solid and liquid wastes, and microbial control of pests.

Process Biology

PCB 3043. General Ecology (3) Population biology, population growth; community processes, succession, nutrient cycling and energy flow, species interactions, ecological efficiency, biogeographical ecology.

Zoology

ZOO 3205. Advanced Invertebrate Zoology (2) Prerequisites: One of the following: PCB 3043 or 3063, or ZOO 3713C, or permission of instructors. Corequisite: ZOO 3205L. Structure, function, behavior, and evolution of the invertebrate phyla, especially those taxa that live in the sea.

ZOO 3205L. Advanced Invertebrate Zoology Laboratory (2) Prerequisites: One of the following: PCB 3043 or 3063, or ZOO 3713C, or permission of instructor. Corequisite: ZOO 3205. Laboratory deals with the structure, function, behavior and ecology of the invertebrate phyla, especially those that live in the sea.

ZOO 3713C. Comparative Vertebrate Anatomy (4) Emphasis on form and function and origin and evolution of structure.

ZOO 4823. Biology of the Higher Vertebrates (5) Prerequisites: BSC 3312 or PCB 3043 or ZOO 3205 or ZOO 3205L. Biology of insects, crustaceans, mollusks, and echinoderms, including life history, behavior, ecology, biomechanics, and environmental adaptations.

ZOO 4834C. Biology of the Lower Vertebrates (4) Systemsatics, ecology, and evolution of fishes, amphibians, and reptiles.

Graduate Courses

Biochemistry

BCH 5886r. Special Topics in Biochemistry and Cell Biology (1–3).

BCH 5887r. Special Topics in Biochemistry and Cell Biology (1–3).

Botany

BOT 5938r. Selected Topics in Botany (1–4).

BOT 6936r. Seminar in Botany (2). (S/U grade only.)

Biological Science

BSC 5409. Biophysical Principles of Biological Techniques (3).

BSC 5900r. Directed Individual Study (1–12). (S/U grade only.)

BSC 5932r. Graduate Tutorial in Biological Science (1). (S/U grade only.)

BSC 5936r. Selected Topics in Biological Science (1–4).

BSC 5945r. Supervised Teaching (1–2). (S/U grade only.)

BSC 6921r. Colloquium in Biological Science (1). (S/U grade only.)

Microbiology

MCB 5408. Prokaryotic Biology (3).

MCB 5505. Virology (3).

MCB 5936r. Selected Topics in Microbiology (1–4).

MCB 6936r. Seminar in Microbiology (2). (S/U grade only.)

Process Biology

PCB 5137. Advanced Cell Biology (3).

PCB 5345C. Advanced Field Biology (3).


PCB 5447. Community Ecology (3).

PCB 5525. Molecular Biology (3).

PCB 5595. Advanced Molecular Biology (3).

PCB 5672. Evolution (3).

PCB 5675. Advanced Evolutionary Biology (3).

PCB 5746. Mammalian Physiology I (3).

PCB 5747. Mammalian Physiology II (3).

PCB 5785. Biology of Muscle (3).

PCB 5795. Sensory Physiology (3).

PCB 5845. Cell and Molecular Neuroscience (4).

PCB 5936r. Selected Topics in Genetics and Cell Biology (1–4).

PCB 5937r. Selected Topics in Physiology (1–4).

PCB 5938r. Selected Topics in Ecology and Evolutionary Biology (1–4).

PCB 6936r. Seminar in Genetics and Cell Biology (2). (S/U grade only.)

PCB 6937r. Seminar in Physiology (2). (S/U grade only.)

PCB 6938r. Seminar in Ecology and Evolutionary Biology (2). (S/U grade only.)
Neuroscience
PSB 5057. Neuroscience Methods: Molecules to Behavior (2). (S/U grade only.)
PSB 5077. Responsible Conduct of Research (2). (S/U grade only.)
PSB 5341. Systems and Behavioral Neuroscience (4).
PSB 6070r. Current Problems in Neuroscience (2). (S/U grade only.)
PSB 6920r. Neuroscience Colloquium (1). (S/U grade only.)
PSB 6933r. Seminar in Neuroscience (1–2). (S/U grade only.)

Zoology
ZOO 5932r. Selected Topics in Marine Biology (1–4).
ZOO 5935r. Selected Topics in Zoology (1–4).
ZOO 6933r. Seminar in Marine Biology (2). (S/U grade only.)
ZOO 6934r. Seminar in Zoology (2). (S/U grade only.)

Secondary Science Teaching
ISC 5098. Reflective Science Teaching (2).
ISC 5525. Advanced Portfolio Design (1).
ISC 5535. Research in the Content Area for Teachers (6).
ISC 5944. Ethics, School Law, and Management of Science Classrooms (3).
ISC 5945. Full-Time Teaching Internship (9). (S/U grade only.)
ISC 5946. Half-Time Teaching Internship (6). (S/U grade only.)
ISC 8939. Portfolio Review (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.

BIOMEDICAL SCIENCES

COLLEGE OF MEDICINE

Chair: David Balkwill; Professors: Balkwill, Blaber, Galasko, Hurt, Klatt, Levitt, McGee, Meredith, Ouimet, Overton, Patrick, Payer, Rill; Associate Professors: Horabin, Olcese, Yu; Assistant Professors: Gunjan, Kabbaj, Kato, Lee, Stefanovic, VanLandingham, Wang;
Assistant Scholar Scientist: Bienkienwicz; Assistants in Medicine: Cappendijk, Didier, Paik

The Department of Biomedical Sciences is a community of scholars dedicated to educating future physicians and scientists and advancing knowledge through discovery.

The PhD in Biomedical Sciences at the Florida State University College of Medicine is designed to train modern biomedical scientists who use genomics, proteomics, bioinformatics, and other contemporary approaches to address questions of developmental, cell, and molecular biology related to human health. The program is appropriate for students with majors in biochemistry, biology, or other health-related fields. Three broad areas of research are emphasized: development, neuroscience, and the molecular basis of human disease. Research rotations during the first year allow students to make an informed choice regarding the research area and major professor with whom they will conduct their PhD work. A core curriculum of the fundamentals, the choice of electives, and the intellectual interaction with faculty members. Laboratory rotation in at least three laboratories during the first year is a degree requirement, designed to assist students in making informed choices regarding their courses of study.

Admission Requirements

To apply for the PhD in Biomedical Sciences Program, students should contact the College of Medicine’s Office of Research and Graduate Programs at (850) 645-6420 or visit the program’s Web site (http://med.fsu.edu/biomed/phd/contact.asp) for other contact information. A prospective candidate must: 1) have or be a candidate for a baccalaureate degree from an accredited college or university and be in good standing at the last institution attended; 2) have a minimum GPA of 3.0 (on a 4.0 scale); and 3) have a minimum combined verbal and quantitative score of 1000 or above on the Graduate Record Examination (GRE). A GRE Subject Test is strongly recommended and may include Biochemistry and Cell Biology, General Biology, Chemistry, or Physics.

Applicants whose native language is not English and who have not received a degree from an English language institution are required to take the Test of English as a Foreign Language (TOEFL), receiving a minimum score of 600 for the paper test or 233 for the Computer Based Test (CBT). Special admission consideration may be requested for students with disabilities. Applicants must also send all required material to the University Admission Office at https://admissions.fsu.edu/gradapp/.

Degree Requirements

The College of Medicine grants the PhD in Biomedical Sciences through an interdisciplinary program with the goal of training students to do research in the broad area of the molecular basis of human disease, including the function of the human genome in development, neurobiology, aging, cancer, and other disease.

The curriculum for the Biomedical Sciences degree includes core courses in statistics and ethics in research, as well as specialized biomedical coursework and laboratory research. The direction and supervision of graduate work at the doctoral level resides primarily with the major professor and supervisory committee, which is made up of four faculty members. Laboratory rotation in at least three laboratories during the first year is a degree requirement, designed to assist students in making informed choices regarding their courses of study.

To be considered for graduation from the College of Medicine with the PhD in Biomedical Sciences, the student must successfully complete all course requirements within five (5) calendar years from the time the student gains admittance to candidacy by passing the preliminary examination. Other requirements for graduation include attending the Health Science Seminar Series; teaching at least two (2) semesters; successfully completing the preliminary doctoral examination; submitting a doctoral research proposal approved by the major professor and supervisory committee; registering for a minimum of twenty-four (24) semester hours of dissertation credit; and submitting, publicly presenting, and successfully defending a doctoral dissertation.

Additional details are available at http://www.med.fsu.edu/biomed/phd/default.asp. Also, for complete details of degree requirements, plus a description of the college, its facilities, opportunities, and available financial assistance, refer to the “College of Medicine” chapter of this Graduate Bulletin.

Definition of Prefixes

BMS—Basic Medical Sciences
GMS—Graduate Medical Sciences
IHS—Interdisciplinary Health Sciences

Graduate Courses

BMS 5165r. Research Opportunities in Biomedical Sciences (1–4).
BMS 5166C. Research Techniques in Biomedical Sciences (4).
BMS 5525. Bioregulation (4).
BMS 5905r. Directed Independent Study in Biomedical Sciences (1–12).
BMS 5935r. Advanced Topics in Biomedical Sciences (1–2).
BMS 6900r. Directed Individual Study in Biomedical Sciences (2–9).
GMS 5905r. Directed Individual Study (1–3).
GMS 6001r. Special Topics in Biomedical Sciences (1–3).
GMS 6097Cr. Biomedical Sciences Research (3).
IHS 5503r. Proposal Development (1).
IHS 5515. Ethics and Professional Integrity in Research (1).
IHS 5905r. Directed Individual Study in Health Sciences (1–12).
IHS 5906r. Directed Individual Study in Medical Sciences (1–12).
IHS 5933. Seminar on Medical Science Education (1).
IHS 5935r. Health Sciences Seminar (1).
IHS 5945r. Supervised Teaching (1–5).
IHS 6900r. Dissertation Research (1–12).
IHS 8906r. Preliminary Doctoral Examination (0).
IHS 8970r. Dissertation Defense (0).
### 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. 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 approved courses 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, 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 counted toward the minor, students who intend to minor in British Studies should declare this intention with International Programs at the end of the semester in London. Contact Betty Seymour at bseymour@admin.fsu.edu for further information.

### Core Courses

These courses will be counted in the minor whether they are taken on the Tallahassee campus or in London. Descriptions of these courses can be found under the individual departments in which they are taught.

- **CPO 3123** Comparative Government and Politics: Great Britain (3)
- **ECO 3303** History of Economic Ideas (3)
- **ENL 2012** British Authors: Beginnings to 1790 (3)
- **ENL 2022** British Authors: Early Romanticism to the Present (3)
- **ENL 3210** Medieval Literature in Translation (3)
- **ENL 3334** Introduction to Shakespeare (3)
- **ENL 4112** The 18th-Century British Novel (3)
- **ENL 4122** The 19th-Century British Novel (3)
- **ENL 4132** The Modern British Novel (3)
- **ENL 4161** Renaissance Drama (3)
- **ENL 4171** Restoration and 18th-Century Drama (3)
- **ENL 4220** Renaissance Poetry and Prose (3)
- **ENL 4230** Restoration and 18th-Century English Literature (3)
- **ENL 4240** British Romantic Literature (3)
- **ENL 4251** Victorian British Literature (3)
- **ENL 4273** Modern British Literature (3)
- **ENL 4311** Chaucer (3)
- **ENL 4333** Shakespeare (3)
- **ENL 4341** Milton (3)
- **EUH 3501** The Making of Modern England (3)
- **EUH 3532** England, the Empire, and the Commonwealth (3)
- **EUH 4500** England in the Middle Ages (3)
- **EUH 4512** Stuart England (3)
- **EUH 4544** Sex and Class in England, 1750–1914 (3)
- **LIT 4184** Irish Literature (3)

### Related Courses

These courses may be counted in the minor only when they are taken at the London Study Center.

- **ANT 2410** Introduction to Cultural Anthropology (3)
- **ANT 2511** Introduction to Physical Anthropology and Prehistory (3)
- **ARH 2000** Art, Architecture, and Artistic Vision (3)
- **ARH 3056** History and Criticism of Art I (3)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ARH 3057</td>
<td>History and Criticism of Art II</td>
<td>(3)</td>
</tr>
<tr>
<td>ARH 4353</td>
<td>Northern Baroque Art</td>
<td>(3)</td>
</tr>
<tr>
<td>CLA 2010</td>
<td>Introduction to Greek and Roman Civilization</td>
<td>(3)</td>
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<tr>
<td>CLA 3502</td>
<td>Women, Children, and Slaves in Ancient Rome: The Roman Family</td>
<td>(3)</td>
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<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>ENC 3310</td>
<td>Article and Essay Workshop</td>
<td>(3)</td>
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<tr>
<td>ENG 3110</td>
<td>Film Genres</td>
<td>(3)</td>
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<tr>
<td>ENG 3931</td>
<td>Topics in English 1-3</td>
<td>(3)</td>
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<tr>
<td>ENG 4932</td>
<td>Studies in English 1-3</td>
<td>(3)</td>
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<tr>
<td>EUH 2000</td>
<td>Ancient and Medieval Civilizations</td>
<td>(3)</td>
</tr>
<tr>
<td>EUH 3420</td>
<td>Rise and Fall of Classical Civilization</td>
<td>(3)</td>
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<tr>
<td>FIL 2001</td>
<td>Introduction to Film</td>
<td>(3)</td>
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<tr>
<td>FOW 3240</td>
<td>Literature and Sexuality</td>
<td>(3)</td>
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<tr>
<td>GEO 1000</td>
<td>World Geography</td>
<td>(3)</td>
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<tr>
<td>GEO 1331</td>
<td>Environmental Science</td>
<td>(3)</td>
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<tr>
<td>GEO 1400</td>
<td>Human Geography</td>
<td>(3)</td>
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<tr>
<td>HUM 3321</td>
<td>Multicultural Dimensions of Film and 20th-Century Culture</td>
<td>(3)</td>
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<td>HUM 4931</td>
<td>Topics in the Civilization of Britain or Italy</td>
<td>(3)</td>
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<tr>
<td>IND 4131</td>
<td>History of Internors II</td>
<td>(3)</td>
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<td>INR 2002</td>
<td>Introduction to International Relations</td>
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<tr>
<td>INR 3502</td>
<td>International Organization</td>
<td>(3)</td>
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<tr>
<td>INR 3603</td>
<td>Theories of International Relations</td>
<td>(3)</td>
</tr>
<tr>
<td>ISS 4931</td>
<td>Special Topics 1-3</td>
<td>(3)</td>
</tr>
<tr>
<td>LIT 2081</td>
<td>Contemporary Literature</td>
<td>(3)</td>
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<tr>
<td>LIT 2189</td>
<td>Introduction to Global Literature</td>
<td>(3)</td>
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<td>LIT 3043</td>
<td>Modern Drama</td>
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<td>LIT 3383</td>
<td>Women in Literature</td>
<td>(3)</td>
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<td>LIT 4033</td>
<td>Modern Poetry</td>
<td>(3)</td>
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<tr>
<td>MUH 2011</td>
<td>Introduction to Music History—Music Appreciation: 18th and 19th Centuries</td>
<td>(3)</td>
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<tr>
<td>MUH 2012</td>
<td>Music in Western Culture, 19th and 20th Centuries</td>
<td>(3)</td>
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<tr>
<td>REL 1300</td>
<td>Introduction to World Religions</td>
<td>(3)</td>
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<td>REL 3145</td>
<td>Gender and Religion</td>
<td>(3)</td>
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<tr>
<td>SYG 2010</td>
<td>Social Problems</td>
<td>(3)</td>
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<td>THE 2083</td>
<td>Theatre Problems</td>
<td>(3)</td>
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<tr>
<td>THE 3061</td>
<td>Introduction to Theatre in London</td>
<td>(3)</td>
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<tr>
<td>THE 3931</td>
<td>Special Topics 3-3</td>
<td>(3)</td>
</tr>
<tr>
<td>THE 4111</td>
<td>European Theatre History II</td>
<td>(3)</td>
</tr>
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</table>

All other courses at the London Study Center may be counted toward the minor if a course syllabus shows that at least fifty percent (50%) of the material presented is relevant to the minor, and provided the London Center Minor Coordinating Committee approves their inclusion in the minor. In addition, special topics courses offered on the Florida State University campus on a one-time basis may be counted if the Coordinating Committee approves them. To have such courses considered, petition the Coordinating Committee, University Center A5500, Tallahassee, FL 32306-2420.

### Business Law

**see Risk Management/Insurance, Real Estate, and Program in Business Law**

### Cell Biology

**see Biological Science**
Department of CHEMICAL AND BIOMEDICAL ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Chair: Bruce R. Locke; Professors: Alamo, Collier, Locke, Palanki; Associate Professors: Chella, Kalu, Ma, Telotte; Assistant Professors: K. Chen, Grant, Kostov, Ramakrishan, Shanbhag; Adjunct Professor: Schreiber; Research Associate: Finney; Affiliate Faculty: Chase, C-J. Chen, Chin, Kwon, Sachdeva, Wesson

Program Overview

The vision of the Department of Chemical and Biomedical Engineering as an educational unit is to be recognized as a place of excellence in fundamental chemical and biomedical 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 departmental undergraduate committee is responsible for planning, maintaining, and reviewing its curricular 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 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, specialty chemicals), biological products (e.g., enzymes, vaccines, biochemicals, biofuels), and materials (e.g., ceramics, polymeric materials, paper, biomaterials).

The department has recently made a commitment to emphasize a biological component in its curriculum. The increasing importance of biological and medical subjects within the field of engineering cannot be underestimated. Many of the remarkable breakthroughs in medical science can be directly attributed to advances in chemicals, materials, and devices spearheaded by biochemical and biomedical engineers. Currently, biomedical engineering represents the fastest growing engineering discipline in the U.S., and it is likely to continue as such. The biomedical/biotechnology industries are also the fastest growing of all current industries that employ engineers. Training in biological and biomedical engineering provides an excellent background for graduate and/or medical school, especially in light of the increasing technological complexity of medical education.

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 and Biomedical Engineering is accredited nationally by the Accreditation Board for Engineering and Technology (ABET). As part of the accreditation process, the department has developed program educational objectives and program outcomes to reflect the educational goals of the department. These objectives and outcomes are continually assessed and modified to meet the changing demands of the departmental stakeholders.

Program Educational Objectives

The Department of Chemical and Biomedical Engineering shall prepare its students for academic and professional work through the creation and dissemination of knowledge related to the field, as well as through the advancement of those practices, methods, and technologies that form the basis of the chemical engineering profession. Accordingly, the Department of Chemical and Biomedical Engineering has identified the following four departmental educational objectives for the Bachelor of Science Degree in Chemical Engineering:

1. To educate students in the design and analysis of chemical processes and systems
2. To train students on issues of product quality, safety, and environmental impact
3. To develop student professionalism in the field of chemical engineering through departmental and classroom activities and student involvement in local and national professional organizations
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)
k. An ability to use the techniques, skills, and modern engineering tools necessary for chemical engineering practice (C3.k)

Note: Identifiers beginning with C3, such as C3.a above, refer to specific outcomes in Criterion 3 of the ABET Engineering Criteria 2000. They indicate the ABET outcome that the Department of Chemical and Biomedical Engineering outcome addresses.

The department sees ABET Engineering Criteria 2000 as encouraging each engineering department to pursue its own unique BS degree program objectives in accordance with its own environment and stakeholder demands. ABET EC 2000 also stipulates that the outcomes of program implementation must be assessed and evaluated regularly, and the results of such assessments and evaluations must be utilized as needed in future program objectives and implementation.

Undergraduate Laboratory and Computational Facilities

Undergraduate teaching laboratories in measurements and transport phenomena, unit operations, and process control are designed to augment classroom instruction. Our undergraduate chemical engineering laboratory experiments feature a 20 stage distillation column for the study of organic chemical separations, several reactor vessels for the design and analysis of continuous reactor configurations, and a liquid/liquid contin-
uous extraction process system, to name a few. All experiments include computer data control and computer data acquisition systems in order to provide a “real world” experience for our students.

The department has extensive computational and laboratory facilities in a number of areas. In addition to the University computing center facilities accessible by remote terminals, students have access to College of Engineering computer labs that have either timeshared remote terminals using UNIX or desktop personal computers connected to college-wide servers. Within the Department of Chemical and Biomedical Engineering, undergraduate students working on research projects utilize laboratory computer terminals connected to the college servers and PCs dedicated to research use. The department requires the use of computers for data acquisition, process control, experimental design and analysis, report writing, and homework problem calculations in the chemical engineering curriculum.

Areas of Study (Majors)

Although the department offers one bachelor of science degree (chemical engineering), students may choose from among five diverse areas of study that reflect new directions in the broader field of chemical engineering. These major options include chemical engineering, environmental engineering-chemical, bioengineering, materials engineering, and chemical–biomedical engineering.

• Chemical Engineering. The most common major, it prepares students for employment or further study in traditional areas of chemical engineering (described above).

• Chemical-Environmental Engineering. Chemical engineers will play a pivotal role in developing future pollution prevention strategies by improving and replacing current products and processes. Upcoming efforts will focus on integrating the design and production of goods with their ultimate disposal and reuse. Chemical engineers will provide the means to not only prevent pollution, but move to the concept of creating a sustainable society where most products are recycled repeatedly.

• Chemical-Bioengineering. Biochemical engineering is a highly interdisciplinary field that has arisen from the application of chemical engineering principles to the production of materials derived from living systems. A number of processes and products, including fermentation for making alcohols and various foods, the efficient use of enzymes for tanning leather, the use of bacteria for biological waste treatment, and the production of antibiotics from mold culture, have been developed and utilized in the past. Bioengineering combines biochemical engineering with other aspects of life sciences applied to engineering, such as pharmacology and biotechnology.

• Chemical-Materials Engineering. Chemical engineers have extensively developed and studied the molecular structures and dynamics of materials—including solids, liquids, and gases—in order to develop macroscopic descriptions of the behavior of such materials. In turn, these macroscopic descriptions have allowed the construction and analysis of unit processes that facilitate desired chemical and physical changes. This constant interplay between molecular scale understanding and macroscopic descriptions is unique and central to the field of chemical engineering.

• Chemical–Biomedical Engineering. Biomedical engineering concerns the application of chemical engineering principles and practices to large scale living organisms, most specifically human beings. As one of the newest subdisciplines of chemical engineering, the field is a rapidly evolving one involving chemical engineers, biochemists, physicians, and other health care professionals. Biomedical research and development is carried out at universities, teaching hospitals, and private companies, and it focuses on conceiving new materials and products designed to improve or restore bodily form or function. Biomedical engineers are employed in diverse areas such as artificial limb and organ development, genetic engineering research, development of drug delivery systems, and cellular and tissue engineering. Many chemical engineering professionals are engaged in medical research to model living organisms (pharmacokinetic models), and to make biomedical devices (e.g., drug delivery capsules, synthetic materials, and prosthetic devices). Because of increasing interest in this field of study, the major in chemical–biomedical engineering also provides an avenue for students interested in pursuing a career in medicine, biotechnological patent law, or biomedical product sales and services.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in chemical and biomedical engineering satisfy this requirement by earning a grade of “C” or higher in ECH 3854.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101
2. ENC X102
3. MAC X311*
4. MAC X312*
5. MAC X313*
6. MAP X302
7. CHM X045/X045L*
8. PHY X048/X048L
9. PHY X049/X049L
10. Six (6) semester hours in humanities
11. Six (6) semester hours in social science
12. Three (3) additional semester hours in humanities or social science

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a BS Degree in Chemical Engineering

A program of study encompassing at least one hundred thirty-one (131) semester hours is required for the bachelor of science (BS) degree in chemical engineering. A candidate for the bachelor’s degree is required to earn a “C” or higher in all engineering courses, and must achieve a 2.0 grade point average (GPA) in the forty-five (45) semester hours of chemical engineering major courses. In addition, students must achieve a grade of “C–” or higher in all courses transferred into the Department of Chemical and Biomedical Engineering. Students should contact the department for the most up-to-date information concerning the chemical engineering curriculum requirements.

Five majors exist within the chemical engineering bachelor’s degree program. These include chemical engineering, chemical-environmental engineering, chemical-bioengineering, chemical-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:

Math and Science Prerequisites

MAC 2311 Calculus with Analytic Geometry I (4)
MAC 2312 Calculus with Analytic Geometry II (4)
MAC 2313  Calculus with Analytic Geometry III (5)
ECH 3301  Introduction Process Analysis and Design for Chemical Engineers (3)

OR

MAP 3305  Engineering Mathematics I (3)
CHM 1045  General Chemistry I (3)
CHM 1045L  General Chemistry I Laboratory (1)
CHM 1046  General Chemistry II (3)
CHM 1046L  General Chemistry II Laboratory (2)
PHY 2048C  General Physics A (5)
PHY 2049C  General Physics B (5)
ECO 2023  Economics of the Price System (3)

Advanced Chemistry

CHM 2210  Organic Chemistry I (3)
CHM 2211  Organic Chemistry II (3)
CHM 4410  Physical Chemistry I (3)
CHM 4410L  Physicochemical Measurements and Techniques I (1)
CHM 4411  Physical Chemistry II (3)
CHM XXXX  Advanced Chemistry Elective (3)

General Engineering

EGN 1004L  First Year Engineering Lab (1)
EGM 3512  Engineering Mechanics (4)
EEL 3003  Introduction to Electrical Engineering (3)
EEL 3003L  Introduction to Electrical Engineering Laboratory (1)

Chemical Engineering Science and Design

ECH 3023  Mass and Energy Balances (4)
ECH 3101  Chemical Engineering Thermodynamics (3)
ECH 3266  Introductory Transport Phenomena (3)
ECH 3274L  Measurements and Transport Phenomena Laboratory (3)
ECH 3418  Separations Processes (3)
ECH 3854  Chemical Engineering Computations (3)
ECH 4267  Advanced Transport Phenomena (3)
ECH 4323  Process Control (3)
ECH 4323L  Process Control Laboratory (1)
ECH 4404L  Unit Operations Laboratory (3)
ECH 4504  Kinetics and Reactor Design (3)
ECH 4604  Chemical Engineering Process Design I (4)
ECH 4615  Chemical Engineering Process Design II (3)
ECH 4XXX  Chemical Engineering Electives (6) [(3) for Biomedical Engineering majors]

Major Requirements

In addition to the courses listed above that are required for all majors, the following courses are specifically required for each of the five majors.

Major in Chemical Engineering

Advanced Chemistry Elective. The advanced chemistry elective is to be selected from the following courses offered in the Department of Chemistry and Biochemistry, or selected other courses in either chemical engineering or biological sciences specifically approved by the Chair of the Department of Chemical and Biomedical Engineering.

CHM 2211L  Organic Chemistry II Laboratory (3)

OR

CHM 3120C  Introduction to Analytical Chemistry (4)

OR

CHM 4135C  Instrumental Analysis (3)

Chemical Engineering Electives

ECH 4781  Chemical Engineering Environmental (3)
BSC 2010  Biological Science I (3)
BSC 2010L  Biological Science I Laboratory (1)

OR

GLY 2010C  Physical Geology (4)

Major in Chemical—Bioengineering

Advanced Chemistry Elective

BCH 4053  General Biochemistry I (3)

Chemical Engineering Electives

ECH 4743  Chemical Engineering Bioengineering (3)
BSC 2010  Biological Science I (3)
BSC 2010L  Biological Science I Laboratory (1)

OR

MCB 2013  Microbiology (3)

Major in Chemical—Materials Engineering

Advanced Chemistry Elective

CHM 3120C  Introduction to Analytical Chemistry (4)

OR

CHM 4135C  Instrumental Analysis (3)

Chemical Engineering Electives

ONE OF

ECH 4823  Introduction to Polymer Science and Engineering (3)

OR

ECH 4824  Chemical Engineering Materials (3)

OR

ECH 4937  Special Topics in Chemical Engineering [Molecular Engineering] (3)

AND ONE OF

EML 3234  Materials Science and Engineering (3)

OR

PHY 3101  Modern Intermediate Physics (3)

OR

PHY 3221  Intermediate Mechanics (3)

OR

a second course from the choices above [ECH 4823, 4824, or 4937] (3)

Major in Chemical—Biomedical Engineering

Biological Science Prerequisite

BSC 2010  Biological Science (3)
BSC 2010L  Biological Science I Laboratory (1)

Psychology Liberal Studies Course

PSY 2012  General Psychology (3)

Advanced Chemistry Elective

BCH 4053  General Biochemistry I (3) [CHM 4411, Physical Chemistry II is not required for the biomedical major]

Chemical and Biomedical Engineering Science and Design

BME 4403C, 4404C  Quantitative Anatomy and Systems Physiology I and II [two course sequence] (4,4)
Biomedical Engineering Elective (take one)

ECH 4741 Biomedical Engineering (3)
ECH 4743 Chemical Engineering/Biotechnology (3)
ECH 4904 Undergraduate Research Project (1–3) [for a total of 6 credits]
ECH 4906 Honors Work in Chemical Engineering (1–3) [for a total of 6 credits]

Pre-Med Electives (recommended)

BCH 4054 General Biochemistry II (3)
BSC 2011 Biological Science II (3)
BSC 2011L Biological Science II Laboratory (2)
CHM 2211 Organic Chemistry II Lab (3)
PCB 3063 General Genetics (3)
PCB 3743 Vertebrate Physiology (3)

Undergraduate Research Program (URP)

The Department of Chemical and Biomedical Engineering offers an Undergraduate Research Program (URP) in chemical and biomedical engineering to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. The program is two-tiered, with those students meeting a more stringent set of academic requirements being admitted to the Honors in the major (Chemical and Biomedical Engineering) program. For requirements and other information, contact the department, and see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

BME—Biomedical Engineering
ECH—Engineering: Chemical
EGN—Engineering: General

Undergraduate Courses

BME 4802. Biomedical Engineering Ethics (3). Prerequisite: Senior or graduate standing in biomedical engineering. This course is an introduction to the key theories, concepts, principles, and methodology relevant to the development of biomedical professional ethics. The student is facilitated in his/her development of a code of professional ethics through written work, class discussion, and case analysis.

BME 4403C. Quantitative Anatomy and Systems Physiology I (4). Prerequisites: BSC 2010; ECH 3011; EGM 3512. Corequisites: ECH 3266, 3418. This is the first course of an introductory, two-semester sequence on anatomy and physiology from a biomedical engineering perspective. The course brings together fundamental concepts from biological science, biochemistry, engineering, and mathematics in order to describe the chemical and physical functionality of the human system. Content includes an examination of each of the macrosubsystems, such as skeletal, integumentary, circulatory, muscular, nervous, and reproductive systems, from a systems engineering perspective. Each subsystem examination includes laboratory lessons and experiments designed to reinforce and illustrate key biomedical engineering concepts and problems. Some clinical correlations and pathologies also are introduced.

BME 4404C. Quantitative Anatomy and Systems Physiology II (4). Prerequisite: UNF 4403C, ECH 3266, 3418. Corequisites: ECH 4267, 4404L. This is the second course of an introductory, two-semester sequence on anatomy and physiology from a biomedical engineering perspective. The course brings together fundamental concepts from biological science, biochemistry, engineering, and mathematics in order to describe the chemical and physical functionality of the human system. Content includes an examination of each of the macrosubsystems, such as skeletal, integumentary, circulatory, muscular, nervous, and reproductive systems, from a systems engineering perspective. Each subsystem examination includes laboratory lessons and experiments designed to reinforce and illustrate key biomedical engineering concepts and problems. Some clinical correlations and pathologies also are introduced.

BME 4001. Biomedical Engineering Process Design I (3). Prerequisites: BCH 4053; BME 4404C; ECH 3821. Corequisite: Senior status. This is the first course of a two-semester sequence on the design of biomedical engineering processes and products. The first semester consists of instruction in the principles of engineering economics and cost estimation techniques relating to principles of biomedical engineering design. Included is an introduction to computer-aided design calculations.

BME 4002. Biomedical Engineering Process Design II (3). Prerequisites: BCH 4053; BME 4403C, 4801. 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 actual 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 4004. Undergraduate Research Project in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Corequisite: Junior status. Completion of this course is a research project for six (6) semester hours with a grade of “C” or higher may be used to satisfy the program elective requirement. May be repeated to a maximum of six (6) semester hours.

BME 4006C. Honors in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Corequisite: Junior standing. Completion in this course of an honors research project for six (6) semester hours with a grade of “C” or higher may be used to satisfy the program elective requirement. May be repeated to a maximum of six (6) semester hours.

BME 4037r. Special Topics in Biomedical Engineering (1–3). Prerequisite: Permission of instructor. Corequisite: Junior standing. Topics in this course emphasize recent developments in the field of biomedical engineering, selected recently and arranged by the instructor. Structure of the course varies by instructor and topic, but generally involves lectures and a final project on a topic in biomedical engineering. May be repeated to a maximum of twelve (12) semester hours.

BME 4059. Chemical Engineering Communications (2). Techniques for effective oral communication in settings most frequently encountered by the practicing engineer. Speaking skills will be applied in informal presentations, formal presentations, and interviews.

BME 4503. Mass and Energy Balances (4). Prerequisites: CHM 1051 or MAC 2312. Corequisites: CHM 2210, CCS 3408 or 3460; MAC 2313; PHY 2048C. This course examines material and energy balances on chemical process systems and process measurements and control methodologies for industrial applications. Topics include methods of solving material balance equations and design of chemical reaction processes is introduced. Transient mass and energy balances are applied to chemical systems. Case studies are analyzed using computational methods. The basic principles of process design and data fitting to models are applied to selected examples in chemical engineering.

BME 4301. Chemical Engineering Thermodynamics (3). Prerequisites: ECH 3023 and 3264 with grades of “C–” or better; MAP 3305; PHY 2049C. Corequisites: ECH 4410; ECH 3265. Energy balances and entropy analysis for systems of chemical engineering interest. Computer calculations involving real fluids, mixtures, phase equilibrium, and chemical equilibria.

BME 4284. Transport Phenomena I (3). Prerequisites: MAC 2313; CHM 1046; and either MAC 2311, 2311L or MAC 3305. This is the first course of a two-semester sequence on transport phenomena. Analysis of energy and mass balances, and applications of momentum transfer analysis. Basic theory, velocity profile calculations, and design of fluid flow equipment.

BME 4285. Transport Phenomena II (3). Prerequisites: MAP 3305; PHY 2049C; ECH 3264 with a grade of “C–” or better. Corequisites: ECH 4410; ECH 4310; EEL 3003, 3003L. Theory and applications of heat transfer analysis. Temperature profile calculations and design of heat transfer equipment.

BME 4266. Introductory Transport Phenomena (3). Prerequisites: ECH 2210; ECH 3261 and 3101, both with a “C–” or better; EGM 3512; MAP 3305. Corequisite: ECH 3418. This course examines integral balance equations for conservation of momentum, energy, and mass. Topics include the following: application of the conservation of mass, momentum, and heat; and mass transfer; estimation of friction factors, and heat and mass transfer coefficients; pump selection and sizing and piping network analysis; and design of heat exchangers.

BME 4851. Measurements and Transport Phenomena Laboratory (1). Prerequisites: CHM 2210; ECH 3263 and 3101, both with a “C–” or better; EGM 3512; MAP 3305. Corequisites: ECH 4410; ECH 4265. This course reinforces principles of physical property measurement and transport phenomena through a series of laboratory experiments. The main emphasis of the course is placed on the written and oral communication of the lab results. There will be lecture material pertaining to the analysis of data, numerical error analysis, and design of experiments.

BME 3301. Introduction to Process Analysis and Design for Chemical Engineers (3). Prerequisites: ECH 2210; ECH 3261. This course will cover ECH 3131. This course examines the development of process models for equilibrium and dynamic systems, including stagewise processes, that arise in chemical engineering applications, and their analysis using exact and appropriate techniques.

BME 3415. Separations Processes (3). Prerequisites: CHM 2210; ECH 3263 and 3101, both with a “C–” or better; EGM 3512; MAP 3305. Corequisites: ECH 4410; ECH 4265. This course examines the principles of equilibrium and transport-controlled separations. Topics include analysis and design of stagewise and continuous separation processes, including distillation, adsorption, extraction, filtration, and mass transfer; properties of high-level process languages such as MATLAB, and computer algebra systems such as Maple in chemical engineering applications. This course also will provide an introduction to the use of modern process simulator software.

BME 4385. Chemical Engineering Computations (3). Prerequisites: ECH 3264; either CCS 3408 or 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, iterating techniques in matrix algebra, and numerical solution of nonlinear systems of equations.

ECH 3949r. Cooperative Work Experience (0). (SU grade only.)

ECH 4267. Advanced Transport Phenomena (3). Prerequisites: ECH 3266, 3418. Corequisite: ECH 3274L. This course examines the following topics: molecular mechanisms for momentum, heat, and mass transport; differential balance equations for conservation of momentum, energy, and mass; application of steady and unsteady-state chemical processes involving diffusive and convective mass transfer in solids, liquids, and gases; interphase momentum transfer; and transport in biological systems.


ECH 4323L. Process Control Laboratory (1). Corequisite: ECH 4323. Experiments designed to illustrate and apply control theory, measurement techniques, calibration, tuning of control, characterization of sensors, and control circuits.

ECH 4844L. Transport Phenomena Laboratory (1). Prerequisites: ECH 3101, 3265; CHM 4411. Corequisites: ECH 3264L; EGM 3512; CHM 4411. Principles of mass transfer theory and the practical applications and design of mass transfer operations.

ECH 4404L. Unit Operations Laboratory (1). Prerequisites: ECH 3264L, 4403. Familiarizes students with the principles taught in ECH 4403. Preparing experimental plans and doing the required experimental work with unit operations equipment to meet specific objectives. Laboratory work includes a computer data analysis and on computer data analysis with interactive computer programs.


Design of chemical process facilities and computer-aided design. An individual design project is completed by each student.

Prerequisites: ECH 3101, 3265.

Prerequisite: Senior standing in chemical engineering. Introduction to the field of biomedical engineering with particular emphasis on the general engineering role. Emphasis is placed on hemodynamics, human physiology, pharmacodynamics, artificial organs, biomaterials, biomechanics, and clinical engineering.

Prerequisite: Senior standing in chemical engineering. Corequisite: ECH 4504. Introduction to the major principles of the life sciences (microbiology, biochemistry, biophysics, genetics) that are important for biotechnology applications. Extension of the chemical engineering principles of kinetics, reactor design, heat and mass transport, thermodynamics, process control, and separation processes to important problems in bioengineering.

Prerequisite: ECH 4504. Introduction to applications of environmental engineering from a chemical engineering perspective. Thermodynamics, stoichiometry, chemical kinetics, transport phenomena, and physical chemistry are utilized in addressing pollution control and prevention processes. Analysis of particle phenomena, including aerosols and collodics. Applications of fundamentals to analyze gas and liquid waste treatment processes.

Prerequisite: Senior standing in chemical engineering. Introduction to the physical chemistry, reaction kinetics, reaction engineering, and processing of polymeric systems.

Prerequisite: Senior standing in chemical engineering. Introduction to materials science and engineering from a chemical engineering perspective. Fundamentals of engineering materials, including polymers, metals, and ceramics are studied. Emphasis is placed on the strong interrelationship between materials structure and composition, synthesis and processing, and properties and performance.

Corequisite: ECH 4301, 3265. Course consists of independent research on a topic relevant to chemical engineering. May be repeated to a maximum of twelve (12) semester hours.

Prerequisite: ECH 4504. Directed Individual Study (1–3). Corequisite: ECH 4403. Corequisite: ECH 4403. This course offers an opportunity for in-depth study of specific areas of chemical engineering. Topics may be selected from a list of available courses or from a new area determined by the student and approved by the instructor.

Prerequisite: Acceptance in honors program. May be repeated to a maximum of nine (9) semester hours.

Prerequisite: junior standing in engineering. This course deals with the fundamental concepts of chemical engineering and introduces the key theories, concepts, principles, and methodology relevant to the development of professional engineering ethics. The student will be guided in his/her development of a code of professional ethics through written work, class discussion, and case analysis.

Graduate Courses

BME 5005. Engineering and Applied Science Aspects of Biology and Medicine (3).

BME 5086. Biomedical Engineering Ethics (3).

BME 5620. Biophysical Chemistry and Biobehavioral Dynamics (3).

BME 5905r. Directed Individual Study (1–3).

BME 5910. Supervised Research (3). (S/U grade only.)

BME 5935r. Biomedical Engineering Seminar (0). (S/U grade only.)

BME 5937r. Special Topics in Biomedical Engineering (3).

BME 6330. Tissue Engineering (3).

BME 6530. NMR and MRI Methods in Biology and Medicine (3).

BME 6938r. Special Topics in Biomedical Engineering (3).

ECH 5052. Research Methods in Chemical Engineering (3). May be repeated to a maximum of twelve (12) semester hours.

ECH 5126. Advanced Chemical Engineering Thermodynamics (1). (S/U grade only.)

ECH 5261. Advanced Transport Phenomena I (3).

ECH 5262. Advanced Transport Phenomena II (3).

ECH 5526. Advanced Reactor Design (3).

ECH 5626. Advanced Reactor Design (3).

ECH 5740. Fundamentals of Biomolecular Engineering (3).

ECH 5828. Introduction to Polymer Science and Engineering (3).

ECH 5840. Advanced Chemical Engineering Mathematics I (3).

ECH 5841. Advanced Chemical Engineering Mathematics II (3).

ECH 5852. Advanced Chemical Engineering Computations (3).

ECH 5905r. Directed Individual Study (1–3).

ECH 5910. Supervised Research (3). (S/U grade only.)

ECH 5934r. Special Topics in Chemical Engineering (3).

ECH 5935r. Chemical Engineering Seminar (0). (S/U grade only.)

ECH 6272. Molecular Transport Phenomena (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

**Chemistry**

1. CHM X045/X045L or CHM X040 and CHM X041 or CHM X045C or CHM X045E
2. CHM X046/X046L or CHM X046C or CHM X046E
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. Choose one of the following sequences:
   a. CHM X210/X210L and CHM X211/X211L
   b. CHM X210C and CHM X211C
   c. CHM X210C or PHY X048/X048L
   d. CHM X045C or CHM X045E
   e. CHM X210L
   f. CHM X211L
   g. MAC X312

**Biochemistry**

1. BSC X010/X010L and BSC X011L or PCB X010 or PCB X011
2. CHM X045/X045L
3. CHM X046/X046L
4. CHM X210/X210L
5. CHM X211/X211L
6. MAC X312

**Chemical Sciences**

1. CHM X045/1045L or CHM X040 and CHM X041 or CHM X045C or CHM X045E
2. CHM X046/X046L or CHM X046C or CHM X046E
3. MAC X311
4. Choose one of the following sequences:
   a. CHM X210/X210L
   b. PHY X053C and PHY X054C

**Note:** Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Requirements**

Please review all college-wide degree requirements, including the foreign language requirement, summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

The bachelor of arts (BA) degree can be obtained by completion of the bachelor of science (BS) degree requirements plus additional courses required by the University as set forth in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Students who expect to transfer to Florida State University should note that all chemistry courses at the 4000 level applied toward any of the University’s programs must be taken at Florida State University unless specifically exempted by the chair by written request.

Prospective majors should note the mathematics and physics requirements. To allow optimal flexibility in planning the upper-division programs, fulfillment of the mathematics requirements should be started in the freshman year. Chemistry, biochemistry, and environmental chemistry majors are required to take General Physics A and B (PHY 2048C and PHY 2049C) as preparation for Physical Chemistry I and II (CHM 4410 and CHM 4411). Chemical science majors may meet the physics requirement with either the calculus-based or non-calculus-based (PHY 2053C and PHY 2054C) physics sequence.

The calculus courses required for the chemistry major constitute a minor in mathematics, and no other minor is necessary. The biology courses required for the baccalaureate degree in biochemistry constitute a minor in biological sciences, and no additional minor is necessary.

The two courses in calculus (MAC 2311 and MAC 2312) and the two calculus-based physics courses (PHY 2048C and PHY 2049C) required for the environmental chemistry major constitute an interdepartmental minor approved by the Department of Chemistry and Biochemistry. This interdepartmental minor may be used for the chemical science majors who substitute calculus-based physics for the required non-calculus-based physics. Otherwise the baccalaureate degree in chemical science must include a minor of twelve (12) semester hours in an approved minor field. No courses used for satisfying liberal studies requirements may also be counted toward the minor.

Final clearance for all majors is made by the Department of Chemistry and Biochemistry. Graduating students must schedule an exit interview with the Chair of the Undergraduate Curriculum and Advising Committee. The purpose of the interview is to ensure that the final degree requirements are met that term and to discuss the information requested in the exit survey. The department will not approve graduation without an exit interview.

**Academic Performance**

No required course in which a student has earned a grade below “C−” may be applied toward any of the degrees in chemistry. Students must also make a “C−” or better in the first semester of a year sequence course (or obtain the instructor’s permission) to continue the sequence. A student who has received more than five unsatisfactory grades (U, F, D-, D, D+) in courses required for a major offered by the Department of Chemistry and Biochemistry (chemistry, mathematics, physics, biological science, or approved outside elective) at Florida State University or elsewhere, whether or not repeated, will not be permitted to graduate with a degree in that major.

**Baccalaureate Degree in Chemistry**

**Major in Chemistry**

Complete the two-semester sequences in general chemistry (CHM 1045, 1045L, 1046, 1046L, 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 1045, 1045L, 1046, 1046L, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); physical chemistry (CHM 4410, 4410L, 4411, 4411L); analytical chemistry (CHM 3120C, 4130C); and two semesters of advanced work in chemistry of the environment, including some aspects of aquatic, atmospheric, and geological chemistry. Field work and modeling in environmental systems are encouraged as a part of this advanced work. A list of appropriate courses that satisfy the advanced chemistry of the environment requirement may be obtained from the environmental chemistry adviser or the departmental Web site. Also required are mathematics through calculus II, two semesters of calculus-based physics, two semesters of either biology or geology (at least one of these courses must include a lab), and one semester of computer programming, numerical modeling, advanced statistics, or calculus III. Calculus III is recommended as preparation for physical chemistry. The physics and math requirements should be met before taking physical chemistry.

**American Chemical Society Certification**

Students obtaining the baccalaureate degree in chemistry may obtain certification from the American Chemical Society (ACS). Certification requires completion of the core chemistry curriculum listed above, plus
BCH 4053 and one additional upper-level chemistry course. Independent research taken as CHM 4905r Directed Individual Study or 4906r Honors Work may be counted as the upper-level chemistry course, provided that a final report is written by the student. Students planning to obtain ACS certified degrees should have their program of studies approved by an adviser in the department.

Baccalaureate Degree in Biochemistry

Students must complete the two semester sequences in general chemistry (CHM 1045, 1045L, 1046, 1046L, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); physical chemistry (CHM 4410, 4411); analytical chemistry (CHM 3120C, 4130C); and biochemistry (BCH 4053, 4054) along with one of the following laboratories: physical chemistry (CHM 4410L and 4411L), biochemistry (BCH 4053L), or honors research (CHM 4906r). Mathematics through calculus II and two semesters of calculus-based physics are also required and should be completed before taking physical chemistry. Calculus III is recommended as preparation for physical chemistry. Further, the following biology courses are required: general biology (BSC 2010, 2010L, 2011, 2011L), genetics (PCB 3063), and a biology elective from a list obtained from the biochemistry adviser or the departmental Web site.

Baccalaureate Degree in Chemical Science

Students must complete the two-semester sequences in general chemistry (CHM 1045, 1045L, 1046, 1046L, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); analytical chemistry (CHM 3120C, 4130C); physical chemistry (CHM 3400 or both CHM 4410 and 4411); mathematics through calculus I; and a two-semester sequence in physics, either with or without the use of calculus. Chemistry, biochemistry, and environmental chemistry majors cannot double major in chemical science.

Suggested Specialized Electives for Chemical Science

Medicine

Students intending to study medicine are advised to satisfy the minimum requirements with BSC 2010, 2010L, 2011, 2011L; PCB 3063; and the four credit hour premedical biochemistry offered in Fall 2007 under the special topics number CHM 3930. Vertebrate Physiology (PCB 3743) is a recommended elective. Furthermore, calculus II, the calculus-based physics courses, and certain other upper-level biology courses may provide additional preparation for the MCAT and subsequent coursework in medical school. These students should prepare programs of study in consultation with advisers in the Department of Chemistry and Biochemistry and with the College of Medicine.

Forensic Science

Students intending to pursue a career in forensic science may choose to major in chemical science with the addition of the following courses: BSC 2010, 2010L, 2011, 2011L and a biochemistry course with lab (BCH 3023C, or BCH 4053 and BCH 4053L). Certain government agencies (e.g. the FBI) may recommend a background in accounting.

Oceanography

Students intending to specialize in oceanography are advised to include OCE 4011 in the program of studies, along with selected electives in biological and earth sciences (e.g., GLY 4240; OCC 5050).

Business

The baccalaureate degree in chemical science with a minor in business can prepare students for management and marketing positions in the chemical and other technical industries and also provide a strong technical background for students interested in entering programs such as that for the master of business administration (MBA) degree. Suggested minor courses are at least one course each in accounting, management, marketing, and finance and one or more business electives. In addition, courses in economics and behavioral science (satisfying liberal studies social sciences requirement) and in computer programming, statistics, and written composition beyond basic English are recommended. Consult with an adviser in the Department of Chemistry and Biochemistry and with a representative of the College of Business in preparing a specific program.

Requirements for a Minor in Chemistry

The requirements for a minor in chemistry include the two-semester sequence in general chemistry (CHM 1045, 1045L, 1046, 1046L, or CHM 1050/1050L, 1051/1051L) and at least one of the following courses or course sequences: CHM 2210–2211, CHM 3120C, CHM 3400. CHM 4410–4411. A minimum of thirteen (13) semester hours is required, at least four (4) semester hours of which must be taken at 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 one (1) semester hour of credit in CHM 1020/1020L; an AP score of 4 earns the student credit for CHM 1045, 1045L; an AP score of 5 earns the student credit for CHM 1045, 1045L, 1046, and 1046L. Students with an AP score of 3 are eligible to take a departmental placement exam for CHM 1045 and 1045L.

International Baccalaureate Diploma

International Baccalaureate (IB) diploma holders with a score of 4 will receive three (3) semester hours of credit in CHM 1020C. Those with a score of 5 or higher will earn credit for CHM 1020 (2 hours) and 1045/1045L (4 hours).

Policy on Reduced Credit

Students should register for reduced credit if CHM 1032 is taken after passing CHM 1020, if CHM 1045 is taken after passing CHM 1020, or if CHM 1045 is taken after passing CHM 1032, as indicated in the following table:

<table>
<thead>
<tr>
<th>Sequence of Lecture Courses Taken:</th>
<th>CHM 1020</th>
<th>CHM 1032</th>
<th>CHM 1045</th>
</tr>
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<tbody>
<tr>
<td>CHM 1020 only</td>
<td>3</td>
<td>—</td>
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<tr>
<td>CHM 1032 only</td>
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<td>CHM 1045 only</td>
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<td>CHM 1020, then 1032</td>
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<td>CHM 1020, then 1045</td>
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<td>CHM 1020, then 1032, then 1045</td>
<td>3</td>
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<td>2</td>
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<tr>
<td>CHM 1032, then 1045</td>
<td>3</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

Note: CHM 1020 and 1032 are not preparatory courses for CHM 1045 and should not normally be taken prior to beginning the general chemistry sequence.

Definition of Prefixes

**BCH**—Biochemistry (Biophysics)

**CHM**—Chemistry

**CHS**—Chemistry: Specialized

**ISC**—Interdisciplinary Sciences

**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 1045. Major topics include elementary atomic theory, gas laws, states of matter. Credit not allowed for CHM 1020 after taking CHM 1032, 1045, or equivalent.

**CHM 1020L. Chemistry for Liberal Studies Laboratory (1).** Prerequisite or Corequisite: CHM 1020. Laboratory, two (2) hours. No credit allowed after taking CHM 1045. Laboratory emphasizing major topics from CHM 1020: quantitative observations, properties of matter, separation of mixtures.
Biochemistry

BCH 3023C. Introduction to Biochemistry (3). Lecture, two (2) hours; laboratory, three (3) hours, alternating with one (1) hour recitation. Prerequisite: BCH 2200C. A survey of modern biochemistry with special emphasis on those concepts that might be of use to nutrition and food scientists.

BCH 4030. General Biochemistry I (3). Lecture, three (3) hours. Prerequisite: BCH 2210. Corequisite: BCH 2211. The first biochemistry course recommended for chemistry and biology majors and for students who intend to study medicine. Structure and function of proteins, nucleic acids, membranes, and other cellular constituents. Enzyme catalysis and biocatalysis. Carbohydrate metabolism and oxidative phosphorylation.

BCH 4053L. General Biochemistry Laboratory I (3). Prerequisite: BCH 3120C. Corequisite: BCH 4053. Laboratory conference, one (1) hour; laboratory, six (6) hours. Laboratory methods in biochemistry including electrophoresis, chromatography, cell fractionation, enzyme assays, ligand interactions, and recombinant DNA technology.


Inorganic Chemistry

CHM 4610. Inorganic Chemistry (3). Lecture, three (3) hours. Prerequisites: CHM 2211, 2211L, 3120C. Corequisite: CHM 4410 or consent of instructor. Physical principles, systematics in the chemistry of periodic groups, descriptive chemistry of the inorganic elements. Corequisites: (1) Analytical Chemistry and Instrumentation for computer skills is recommended before attempting this course.

CHM 4610L. Inorganic Chemistry Laboratory (1). Lecture, three (3) hours; laboratory, three (3) hours. Prerequisites: CHM 4410 or consent of instructor. Principles of nuclear and radiocompound. Technics and applications of radioisotopes are studied. The course is designed to prepare students in the theory and practice of nuclear science in chemistry and related science.

Organic Chemistry

CHM 2200. Survey of Organic Chemistry (3). Lecture, three (3) hours. Prerequisite: CHM 1030, or both CHM 1046 and 1046 (with labs). Corequisite: CHM 2200L. A one-semester survey of organic chemistry intended for students in nutrition and fitness (fitness option), or for students needing an overview of organic compounds, functional groups, and reactions.

CHM 2210L. Organic Chemistry Laboratory I (3). Lecture, three (3) hours; laboratory, three (3) hours. Corequisite: CHM 2200. 

CHM 2211L. Organic Chemistry Laboratory II (3). Lecture, three (3) hours; laboratory, seven (7) hours. Prerequisite: CHM 2210 with a grade of “C-” or higher. Corequisite: CHM 2211.

Physical Chemistry

CHM 3400. General Physical Chemistry (4). Lecture, three (3) hours; recitation, one (1) hour. Prerequisites: CHM 1046, 1046L, and calculus I. An elementary treatment of general physical chemistry, including thermodynamics, statistical mechanics, quantum mechanics, introduction to quantum mechanics, introduction to statistical mechanics.

CHM 4410L. Physical-chemical Measurements and Techniques I (1). Laboratory, three (3) hours. Corequisite: CHM 4410. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

Analytical Chemistry

CHM 3102. 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 1020. Students taking CHM 1020 after taking CHM 1020 should contact a chemistry adviser to register for reduced credit. Credit not allowed for CHM 1032 after taking CHM 1045 or equivalent.

CHM 1045. General Chemistry I (3). Lecture, three (3) hours per week; recitation, one (1) hour. Prerequisite: Four years of high school or college-level chemistry with a grade of “C-” or higher, or placement beyond MAC 1105 on the University’s math department exam. Corequisite: CHM 1045L. Topics include chemical symbols, formulas, and equations; states of matter; reactivity in aqueous solution; electronic structure, bonding, and molecular geometry. Students who have not taken CHM 1020 or/and 1030 should contact the Chemistry Student Affairs Office to register for reduced credit.

CHM 1045L. General Chemistry I Laboratory (1). Laboratory, three (3) hours per week. Corequisite: CHM 1045. Safety goggles and a scientific calculator are required for every class.

CHM 1046. General Chemistry II (3). Lecture, three (3) hours per week, and recitation, one (1) hour. Prerequisites: CHM 1045 and 1045L, or CHM 1050 and 1050L (all “C-” or better) Corequisite: CHM 1046L. Topics include intermolecular forces, chemical kinetics, equilibria, acid-base reactions, Le Chatelier’s principle, chemical thermodynamics, phase transitions, solubility, and solutions.

CHM 1046L. General Chemistry II Laboratory (1). Laboratory three (3) hours per week. Corequisite: CHM 1046. Safety goggles and scientific calculator are required for every laboratory.

CHM 3300r. Special Topics in Chemistry I–III. (S/U grade only.) May be repeated to a maximum of three (3) semester hours.

CHM 4900L. Science Glassblowing (1). Laboratory, one (1) hour. Restricted to advanced science majors. Laboratory instruction of fundamental glassblowing techniques of greatest utility for the student who may require such glassware.

CHM 4905r. Directed Individual Study (3). Prerequisites: Upperclass standing, “B” average in chemistry courses. May be repeated to a maximum of eighteen (18) semester hours.

CHM 4906r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

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 development of the scientific ethos, the social implications of the scientific revolution, and the environmental problems and ethical issues presented by scientific research.

SCE 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1). Prerequisite: Permission of instructor. Topics may include laboratory exercises, the role of the laboratory in science education, student skill development in science, and general issues of scientific literacy. Credit not allowed for SCE 4939r in addition to CHM 4939r.

ACADEMIC PROGRAMS
CHM 6191r. Analytical Chemistry Seminar (1). (S/U grade only.)

Biochemistry
BCH 5405. Molecular Biology (3).
BCH 5505. Structure and Function of Enzymes (3).
CHM 5506. Biophysical Chemistry and Macromolecules I (3).
CHM 5507. Biophysical Chemistry and Macromolecules II (3).
BCH 5745. Chemical and Physical Characterization of Biopolymers (3).
BCH 5886r. Special Topics in Biochemistry and Cell Biology (1–3).
BCH 5887r. Special Topics in Biochemistry and Cell Biology (1–3).
BCH 6896r. Biochemistry Seminar (1).
BCH 6897r. Biochemistry Seminar (1). (S/U grade only.)

Inorganic Chemistry
CHM 5620. Principles of Inorganic Chemistry (3).
CHM 5680r. Current Topics in Inorganic Chemistry (1–3).
CHM 5681r. Current Topics in Inorganic Chemistry (1–3).
CHM 6690r. Inorganic Chemistry Seminar (1).
CHM 6691r. Inorganic Chemistry Seminar (1). (S/U grade only.)

Organic Chemistry
CHM 5245. Physical Organic Chemistry (3).
CHM 5250. Advanced Organic Synthesis (3).
CHM 5330. Graduate Survey of Organic Chemistry (3).
CHM 5380r. Special Topics in Organic Chemistry (1–3).
CHM 6390r. Organic Chemistry Seminar (1). (S/U grade only.)

Physical Chemistry
CHM 5440. Physical and Chemical Kinetics (3).
CHM 5460. Thermochemistry and Statistical Mechanics (3).
CHM 5461. Advanced Statistical Mechanics (3).
CHM 5470. Valence Theory (3).
CHM 5480. Quantum Mechanics (3).
CHM 5481. Advanced Quantum Mechanics (3).
CHM 5503. Biophysical Chemistry and Macromolecules I (3).
CHM 5507. Biophysical Chemistry and Macromolecules II (3).
CHM 5530. Survey of Physical Chemistry (3).
CHM 5580r. Special Topics in Physical Chemistry (1–3).
CHM 5581r. Special Topics in Physical Chemistry (1–3).
CHM 5585. Experimental Methods in Physical Chemistry (3).
CHM 6590r. Physical Chemistry Seminar (1).

Multiple Area Courses
CHM 5823r. Supervised Research (1–5). (S/U grade only.)
CHM 5830r. Directed Individual Study (1–6). (S/U grade only.)
CHM 5831r. Directed Individual Study (1–6). (S/U grade only.)
CHM 5832r. Directed Individual Study (1–6). (S/U grade only.)
CHM 5833r. Directed Individual Study (1–6). (S/U grade only.)
CHM 5910. Chemical Research (3).
CHM 5911. Chemical Research (3).
CHM 5912. Chemical Research (3).
CHM 5935r. Chemistry Seminars (0). (S/U grade only.)
CHM 5940r. Supervised Teaching (1–5). (S/U grade only.)
CHM 5945. Seminar on Chemical Education (1). (S/U grade only.)

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

CHILD DEVELOPMENT:
see Family and Child Sciences

CHINESE:
see Asian Studies; Modern Languages and Linguistics

Department of
CHILDHOOD EDUCATION, READING, AND DISABILITY SERVICES

COLLEGE OF EDUCATION
Chair: Mary Frances Hanline; Professors: English, Flake, Palmer, Wolfgang; Associate Professors: Al Otaiba, Burkhead, Clark, Ebener, Edwards, Hanline, Jones, Lake, Lewis, Mencheti, Piazza, Rice; Assistant Professors: Delano, Fiske, Lundeen, McKenzie, Miller; Associates in Elementary Education: Davis (Panama City), Rios (Panama City); Assistants in Elementary Education: Floyd, Nicholas; Visiting Assistant Professors: Eubanks (Panama City), Fesmire (Panama City); Professors Emeriti: Green, G. Jones, Kirby, Lynch-Brown, Mills, Oseroff, Schluck, Scott, Scott-Simmons, Tait; Courtesy Instructor: L. Jones
There are six major areas of specialization in the Department of Childhood Education, Reading, and Disability Services: early childhood education, elementary education, reading and language arts education, special education, rehabilitation counseling services, and visual disabilities.

The Department of Childhood Education, Reading, and Disability Services is committed to high quality personnel preparation programs; service to the state of Florida; and research in elementary education, early childhood education, reading/language arts, special education, rehabilitation counseling services, visual disabilities, and related areas. The Department strives to provide programs of excellence serving undergraduates, graduates, and advanced graduates by teaching, advising, and providing professional role models. Our goal is to prepare educational and rehabilitation leaders who will contribute to the betterment of a pluralistic, global society in the context of the state of Florida’s needs for an educated, global-minded citizenry.

The mission is accomplished by:

• implementing personnel preparation programs that are comprehensive and that prepare practitioners to implement state-of-the-art research-based practices
• conducting high-quality research in authentic settings
• translating research to practice through service to the profession at the local, state, and national levels

For a complete listing of all requirements concerning the continuation and graduation from a teacher education program, please refer to the “College of Education” chapter in this General Bulletin.

The following majors are offered by the Department of Childhood Education, Reading, and Disability Services:
Early childhood education ∗
Elementary education ∗
Emotional disturbances/learning disabilities ∗
Mental disabilities
Reading education/language arts ∗
Rehabilitation services
Special education ∗
Visual disabilities ∗

* graduate only
+ limited enrollment

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs.
Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in elementary teacher education, pre-elementary/early childhood teacher education, education of individuals who are blind or visually impaired, and education of learners with specific learning disabilities must satisfy this requirement by earning a grade of “C-” or higher in EME 2040. Undergraduate majors in rehabilitation services must satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064 or EME 2040.

State of Florida Common Course Prerequisites
The State of Florida has identified common course prerequisites for the following University degree programs. Specific prerequisites are required for admission into the upper-division programs and must be completed by the student at either a community college or a state university prior to being admitted to these programs. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into these upper-division degree programs:

Elementary Teacher Education
1. EDF X005
2. EDG X701
3. EME X040

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Pre-Elementary/Early Childhood Teacher Education
1. EDF X005
2. EDG X701
3. EME X040

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Education of the Mentally Handicapped
1. EDF X005
2. EDG X701
3. EME X040

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Education of Individuals who are Blind or Visually Impaired
1. EDF X005
2. EDG X701
3. EME X040

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact the department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Education of Students with Specific Learning Disabilities
1. EDF X005
2. EDG X701
3. EME X040

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her 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 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 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; EEX 4212; LAE 3414, 4314; MAE 4300; RED 4310, 4510; SCE 4310; SSE 4113; TSL 4080, 4081. These courses are restricted to admitted early childhood (primary) education majors only and must be taken in sequenced semester blocks. Students must complete all courses within a given semester with a grade of “C” or better and maintain a cumulative 2.5 GPA or better to be allowed to continue to the next semester. 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 Childhood Education, Reading, and Disability Services for a complete listing of course blocks and requirements.

Admission Requirements
Early childhood education is a limited access, limited enrollment program, and admission is based on availability of faculty and space. Students planning to enter early childhood education must document their experiences working with a group of young children in settings
such as camp counseling, teacher aide, substitute teaching, scouting team leader, swimming instructor, or a setting approved by the program prior to acceptance into the program. The program admits students once a year for the Fall term.

All students are urged to seek advising from the lower division advisers in the Office of Academic Services, 108 Stone Building. All students must consult the liberal studies degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites 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) application into the program as follows.

Application Requirements

To be considered for admission into the early childhood major students must submit an application and the following by March 15th for the Fall semester (an interview may be required following submission of an application). Applicants are selected on the basis of the following criteria: GPA, SAT/ACT, and CLAST or General Knowledge Test (except not accepted), relevant experience, and professional promise.

1. Application form (available in 205 Stone Building or call (850) 644-4880)

2. Transcript of previous coursework and documentation of test scores (SAT/ACT, CLAST or General Knowledge Test) and GPA

3. Three (3) references forms (available from the department):
   a. One (1) from someone who taught you in either junior high school, high school, or college
   b. One (1) from someone who has observed you interacting with children
   c. One (1) of your choice

4. Essay: your response to Teaching in a Changing World (1 to 2 pages)

5. Checklist of program requirements

6. Documentation of current coursework

Requirements

Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in early childhood education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

Professional Behaviors and Dispositions: While enrolled in the early childhood education program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

Definition of Prefixes

EDG—Education: General

EEC—Education: Early Childhood

LAE—Language Arts and English Education

MAE—Mathematics Education

RED—Reading Education

SCE—Science Education

SSE—Social Studies Education

Undergraduate Courses

EC 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.

EC 4301. Early Childhood Education Foundations (3). Introductory course to CEE primary education provides a background of CEE theory and research to be used for determining education practices.

EC 4303. Expressive Arts for the Young Child (4). Prerequisites: Block I. 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.

EC 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.

EC 4604. Techniques of Child Study and Authentic Assessment (3). Investigates and utilizes techniques/instruments to acquire information about young children.

EC 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

EC 4907r. Observation and Participation in Early Childhood Education (2–3). (S/U grade only.) This course offers students direct experiences with young children, organized in such a way that they have opportunities to put into practice those insights, principles, and understandings gained in the theory courses. May be repeated twice to a maximum of seven (7) semester hours.

EC 4909r. 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 same semester.

EC 4943. Student Teaching in Early Childhood Education (6–10). (S/U grade only.)


LAE 4314. 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 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; 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 4310. Reading in the Elementary School (3). Prerequisites: Blocks I and II. Corequisite: Block III. Methods and materials for teaching reading using 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 learning.


Graduate Courses

EDG 5208. Foundations of Teaching (3).

EEC 5263. Thematic Curriculum and Direct Instruction for Young Children (3).

EEC 5269. Curriculum and Play for Young Children (3).

EEC 5305. Methods and Experiences with Young Children and Families (3).

EEC 5405. Teachers and Parents: Partners in Education (3).

EEC 5525. Children’s Centers (3).

EEC 5605. Techniques of Classroom Management and Child Study (3).

EEC 5685. Historical and Theoretical Bases of Early Childhood Education (3).

EEC 5671. Research in Early Childhood Education (3).

EEC 5906r. Directed Individual Study (1–3). (S/U grade only.)

EEC 5911r. Supervised Research (1–5). (S/U grade only.)

EEC 5935r. Special Topics in Early Childhood Education (3).

EEC 5942r. Supervised Teaching (1–5). (S/U grade only.)

EEC 5944. Student Teaching in Early Childhood Education (6–10). (S/U grade only.)

EEC 5947. Field Laboratory Internship (1–8). (S/U grade only.)

EEC 6516. Educational Environments for Infants and Toddlers (3).

EEC 6672. Theory and Research in Young Children’s Play Curriculum (3).

EEC 6932. Doctoral Seminar in Early Childhood Education (2). (S/U grade only.)

EDG 5246. Moral Education (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
ELEMENTARY EDUCATION

Professor: Flake; Associate Professor: Clark, Rice; Assistant Professor: Lundeen; Service Professor: Hansen; Associates in Elementary Education: Davis (Panama City), Rios (Panama City); Assistants in Elementary Education: Eubanks (Panama City), Fesmire (Panama City).

To be considered for admission to the elementary education program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

Application Requirements

To be considered for admission into elementary education, students must submit an application and the following materials 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:

1. A completed departmental application form
2. All transcripts
3. Minimum cumulative GPA of 2.5
4. A class schedule showing all classes for which the student is currently enrolled (e.g., a copy of a Web schedule)
5. A statement of courses to be taken prior to enrollment if not included on the class schedule (e.g. summer courses for fall term admission)
6. Either SAT or ACT score
7. Results from the CLAST or the FTCE GK exam. (If the CLAST/GK results have not yet been received, a statement of when the results will be available will be required.)

Required Major Courses

Each student preparing to teach elementary education must take ARE 3313C; EDE 4907, 4943; EDF 4210; EDF 4410; EEX 4070, 412; EME 4311; LAE 3414, 4314; MAE 4310, 4326; RED 4310, 4510; SCE 4310; SSE 4113; TSL 4080, 4081. These courses are restricted to admitted elementary education majors only and must be taken in sequenced groups each semester. Students must complete all courses within a given semester with a grade of “C” or better and maintain a cumulative GPA of 2.5 to be allowed to continue to the next semester. For example, a specific group of courses must be taken together during a student’s first semester in the program, and all must be successfully completed as prerequisites for enrollment in the set of courses taken during the second semester.

Student Teaching Alternatives

Students have an option to complete their student teaching in an approved teaching center in London for the Spring semester. Information about the London Program is available from the departmental London Program representative. Additionally, five geographical areas of Florida have been designated as regions where students may complete their student teaching in department-approved teaching centers. The department will provide a list of approved counties for student-teaching placement. The department reserves the right to restrict elementary education students with a GPA of less than 3.25 to the local area.

Honors in the Major

The elementary education program offers honors in the major to encourage talented juniors and seniors to undertake independent research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements

Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in elementary education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering the Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

Professional Behaviors and Dispositions: While enrolled in the elementary education program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

Definition of Prefixes

- Computer General Studies: CGS
- Education: Elementary: EDE
- Education: General: EDG
- Language Arts and English Education: LAE
- Mathematics Education: MAE
- Reading Education: RED
- Science Education: SCE
- Social Studies Education: SSE
- Teaching English as a Second Language: TSL

Undergraduate Courses


EDE 4095r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

EDE 4907r. Directed Field Experiences (1–5). (S/U grade only) Corequisites: Semester I, II, or III. Participation in a public school classroom with University supervision. May be repeated to a maximum of (8) semester hours to be taken in the following manner: at least one (1) hour in Semester I, one (1) hour in Semester II and two (2) hours in Semester III.

EDE 4908r. Student Teaching in Elementary Education (16). (S/U grade only) Prerequisites: Semester I, II, and III. Corequisites: Semester IV.

EDE 4907r. 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) hours are required. Seminars are optional.

EDG 4410. Classroom Management, Legal Issues, Professional Ethics, and School Safety (4). Prerequisites: Semester I, II, and III. EDG 4430; LAE 3414. Corequisite: EDE 4943; FTCE General Knowledge Exam; FTCE K-6 Subject Area Exam. This course is designed to develop specific concepts and skills in the areas of classroom management (discipline) and professional knowledge required for beginning teachers.

EME 4311. Technology and Learning for Elementary and Middle School (3). Prerequisite: EME 2040 or permission of instructor. Designed to help preprofessional teachers use technology for the development of higher learning skills. Included in the technology content will be unanimated graphics, scanned pictures, and linked files. Students will be working with students in schools applying concepts from the class. Students will acquire technology skills that will allow them to develop electronic professional portfolios.


LAE 4314. Language Arts for the Elementary School (3). Prerequisite: Semester I. Corequisite: Semester 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.

Additional information can be found in the “Undergraduate Degree Requirements” chapter of this General Bulletin.
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 5327. Differentiating Instruction (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 5960r. Directed Individual Study (1–3). (S/U grade only.)
EDE 5960r. Supervised Research (1–5). (S/U grade only.)
EDE 5966r. Directed Individual Study (1–3).
EDE 6850r. Supervised Training (1–5). (S/U grade only.)
EDE 6935r. Supervised Research (1–5). (S/U grade only.)
EDE 6936r. Supervised Research (1–5). (S/U grade only.)
EDS 5366. Supervision of Associate Teaching (3). (S/U grade only.)
MAE 5318. The Topics and Teaching of Elementary School Mathematics (4).
MAE 5656. Computers in Mathematics Education (3).
SSE 5615. Problems in Teaching Elementary School Social Studies (3).

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

READING AND LANGUAGE ARTS

Professors: Palmer, Scott-Simmons; Associate Professor: Piazza; Assistant Professors: Connor, Hudson

Reading education and language arts is a graduate program offering degrees at the master’s, specialist, and doctoral levels. For more information, refer to the Graduate Bulletin. However, the program does offer 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.

LAE 5319. Teaching Oral and Written Expression in the Elementary School (3).
LAE 5349. Language and Literacy Development through Storytelling/Storywriting (3).
LAE 5415. Investigation in Children’s Literature (3).
LAE 5515. Language and Literacy Assessment (3).
LAE 5738. Linguistic Research in Language Education (3).
LAE 5931r. Special Topics in Elementary Language and Literature (1–3).
LAE 6746. Theory and Research in Language Education (3).
LIS 5566. Multicultural Literature and Information Resources for Children and Young Adults (3).
LIS 5567. International Literature for Children and Young Adults (3).
RED 5109. The Development and Assessment of Emergent Reading and Writing (3).
RED 5147. Foundations of Developmental Reading (3).
RED 5337. Supervision and Instruction in Secondary School Reading (3).
RED 5385. Teaching Reading to Adult Illiterates (3).
RED 5546. Diagnosis of Reading Disabilities (3).
RED 5548. Correction of Reading Disabilities (3).
RED 5646. 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 6747. Theory and Research in Reading (3).
RED 6938r. Doctoral Seminar in Reading and Language Arts (1–3). (S/U grade only.)

SPECIAL EDUCATION

Associate Professors: Al Otaiba, Edwards, Hanline, Lewis, Menchetti; Assistant Professors: Delano, McKenzie; Visiting Assistant: Nicholas; Courtesy Instructor: L. Jones

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Preservice Teacher Preparation Programs.

Emotional Disturbance/Learning Disabilities

This degree major is designed to prepare individuals for careers as public school teachers of students with learning disabilities. The program leads to certification in education of students with exceptionalities.

This degree major is a three-year 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 working with 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. This is not a teacher certification program.

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 classroom teachers and orientation and mobility specialists. Following graduation, students are employed in a variety of settings that offer services to children and youth with visual impairments.
Early Childhood Special Education Certificate Program

The Early Childhood Special Education (ECSE) Certificate Program is appropriate for teachers, physical/occupational specialists, speech and language therapists, nurses, social workers, and other professionals involved in delivering early intervention/education services to young children (birth to five years) and their families. The ECSE Certificate is not intended as a diploma or degree that reflects the requirements of a particular governmental, private, or organizational agency. However, the award of the Certificate is noted on the transcripts of graduates, and individuals earning the ECSE Certificate receive a written certificate.

The ECSE Certificate may be earned by taking eighteen (18) semester hours of coursework related to early childhood special education. Individuals may take the courses for the certificate as a student in the master’s degree in the education of students with exceptionalities (ESE) program, a student in a bachelor’s or master’s degree program in an appropriate discipline, or as an FSU special student. The Pre-Kindergarten Disability Endorsement and/or the Infant/Toddler Developmental Specialist Certificate may be earned in conjunction with the ECSE Certificate. Students must be accepted to Florida State University before being eligible for acceptance into the certificate program. For more information about early childhood special education at Florida State University, please contact Dr. Mary Frances Hanline, Florida State University, 205 Stone Building, Tallahassee, Florida 32306-4459, (850) 644-4880, Fax (850) 644-8715, mhanline@fsu.edu.

Early Childhood and Family Intervention Certificate Program

The Early Childhood and Family Intervention Graduate Certificate will allow the traditional and non-traditional student to earn credit at the master’s level in order to better promote resilience of infants and young children in Florida who are vulnerable, disabled, or at-risk, and their families. This program will foster a unique interdisciplinary perspective, linking the social sciences, education, and the healing arts, and promoting the integration of science, policy, and practice in early childhood and family intervention. Certificate holders will be prepared to critically evaluate evidence-based research for the derivation of best practices; to assist families in the development of capacity, competence, and confidence to meet their child’s developmental needs through coordinated team-based service in natural settings; and to contribute to public policy development.

Application procedures and deadlines for admission to Florida State University as specified in the Graduate Bulletin will be followed for students requesting to participate in the certificate program as a special student, a master’s degree-seeking student, or an advanced undergraduate student seeking admission as a special student. In addition, a goal statement and an early childhood and family intervention certificate program application must be submitted online at http://fsu.edu/earlyintervention or by mail to: Dr. Mary Frances Hanline, Coordinator, Early Childhood and Family Intervention Graduate Certificate Program Childhood Education, c/o Reading and Disability Services, 205 Stone Building, Florida State University, Tallahassee, Florida 32306-4459.

Applicants will be screened by a committee of certificate program faculty representing at least three different disciplines. Degree-seeking students with senior status, master’s degree-seeking students, and students enrolling as a special student will be expected to have maintained a 3.0 or higher grade point average in their upper division coursework at an accredited college or university. Bachelor’s degree studies may include majors in early childhood/special education, early childhood education, child and family development, family life specialist, communications sciences, psychology, social work, or other degree programs with comparable requirements for the discipline.

Eighteen (18) semester hours comprise this certificate. Courses must be completed with an earned grade of at least a “B”. Students will be expected to complete the certificate program within a period of five (5) academic calendar years from date of acceptance.

Continuation Requirement

All special education majors must earn a minimum grade of “C-,” “satisfactory,” or “pass” in each required course.

Admission Requirements

1. Students are admitted during each semester.
2. A 2.5 GPA minimum during the freshman and sophomore years is required.
3. Previous experience with individuals with disabilities (for example, volunteer work) is helpful.
4. Students must interview with program faculty.
5. All admission criteria for teacher certification must be met (listed in the “College of Education” chapter of this General Bulletin).

Requirements

- Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in special education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.
- Professional Behaviors and Dispositions: While enrolled in the visual disabilities and/or emotional disturbance/learning disabled program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

REHABILITATION SERVICES

Professor: English; Associate Professors: Burkhead, Ebener; Assistant Professor: Miller

The purpose of the baccalaureate program in rehabilitation services is to provide students with professional knowledge and competencies required of entry-level, direct-service providers in a wide variety of public and private service agencies. Among the kinds of occupations available for graduates are mental health technicians, case managers, psychological aids, behavior specialists, job coaches and advisers, disability-focused assistants, gerontological assistants, drug and alcohol treatment specialists, occupational specialists, and correctional specialists.

Admission

New students are admitted in the Fall, Spring, and Summer semesters. Students must complete an interview with the program coordinator and must meet the University requirements for initial admission and/or matriculation from the lower division.

Degree Requirements

The baccalaureate degree in rehabilitation services requires students to complete sixty (60) semester hours at the upper-division level. This curriculum includes nine courses (forty [40] semester hours) in rehabilitation services and seven required electives (twenty [20] semester hours). Rehabilitation core courses include: MHS 4001; RCS 4060, 4081, 4109, 4240, 4300, 4820, 4840; and SDS 4481. The required elective courses consist of completing a minimum of one course in seven knowledge domains that are relevant to rehabilitation. The seven domains include: assessment; human growth and development; abnormal behavior; family systems; self-management for wellness; social systems and disciplines; and organizational life. A complete and current listing of the menu of choices for satisfying the completion of required elective courses is available through the undergraduate student adviser. A grade of “C” or better is required for satisfactory completion of all program course work.

Minor

A minor is available in rehabilitation services. Courses required for the minor are: RCS 4081, 4109, 4240; and RCS 4300.
Definition of Prefixes

Edge: Education: General
EDE: Education: Emotional Disorders
EEX: Education: Exceptional Child-Core Competencies
EGI: Education: Gifted
ELD: Education: Specific Learning Disabilities
EMR: Education: Mental Retardation
EVI: Education: Visually Impaired-Blind
IDS: Interdisciplinary Studies
MHS: Mental Health Services
RCS: Rehabilitation Counseling Services

Undergraduate Courses

EDG 2701. Teaching Diverse Populations (3). Students will acquire an understanding of the concept of diversity and learn to implement diverse curricula and instructional strategies in general and the school and community populations in particular. Students will participate in a field-based experience.

EDO 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.

EEX 2812. Practice in Special Education (3). Corequisite: EEX 3820. Introduction to behavioral principles and procedures useful for managing the behavior of students with handicaps. For majors only.


EEX 3849r. Cooperative Education Work Experience (0). (S/U grade only.)

EEX 4014. Introduction to Mental Disabilities (3). Designed to provide students with an understanding of the characteristics and needs of people with mental disabilities. Special attention is given to the educational, social, and psychological aspects of mental disabilities.

EEX 4050. Introduction to Learning and Behavior Disorders (3). This course examines the field of learning, behavior, and emotional disorders from historical, theoretical, practical, and public school perspectives.

EEX 4700. Students with Disabilities in the General Education Curriculum (3). This course provides participants with the knowledge and skills to include students with disabilities in the general education curriculum by adapting instruction and assessment procedures and processes.

EEX 2401. Typical and Atypical Development and Learning (3). This course examines typical and atypical learning and social development throughout the lifespan.

EEX 2412r. 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.

EEX 4223. Individualized Educational Planning (3). Corequisite: EEX 4847. Provides students with the opportunity to demonstrate effective use of diagnostic skills. For majors only.

EEX 4230. Individualized Instruction for Exceptional Students (3). Corequisite: EEX 4941. A knowledge and performance in implementing individualized instructional practices with exceptional students. For majors only.

EEX 4250. Individualized Reading Instruction for Students with Disabilities (3). This course reviews methods and materials for teaching reading to individuals with disabilities. Special attention is given to the educational, social, and psychological aspects of reading disabilities.

EEX 4251. Teaching Mathematics to Learners with Disabilities (3). Instructional methods and curriculum to teach mathematics to students with disabilities are examined.

EEX 4253. Functional Reading and Life Skills for Individuals with Disabilities (3). This course examines methods for teaching functional reading and life skills to individuals with disabilities.

EEX 4751. Collaboration with Families, Schools, and the Community (3). This course provides the students with the knowledge and skills necessary for collaborating with family members, other professionals, and community members.

EEX 4770. Study of Human Exceptionality (3). This course will increase learner knowledge and awareness of the characteristics and needs of people with exceptionalities, and acquaint learners with the resources, issues, and trends related to appropriately meeting these needs.

EEX 4834. Introductory 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 (2). This practicum provides experience with individuals with low incidence disabilities.

EEX 4847. Practicum in Individualized Planning (2). Corequisite: EEX 4223. Diagnose individual exceptional needs for students with disabilities. Special attention is given to the educational, social, and psychological aspects of mental disabilities.

EEX 4861. Student Teaching in Special Education (11–12). (S/U grade only.) Student teachers will teach students with disabilities for one semester within a public school setting, full-time, and under the supervision of a certified special education teacher.

EEX 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

EEX 4920r. Pre–Student Teaching Seminar (1). (S/U grade only.) Prepares last-term majors in special education for the transition from student to professional, lays the groundwork for the culminating activity of student teaching, and acquaints the new professionals with their future role and responsibility to the field of exceptional student education.

EEX 4930r. Special Topics in Special Education (1–3). Topics will vary from term to term. May be repeated to a maximum of nine (9) semester hours.

EEX 4941. Practicum with Students with 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 5481 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 approval.

EGI 4011. Introduction to Gifted and Talented Students (3). Nature and needs of these exceptional children and youth including the special groups of underachieving, culturally diverse, women, and handicapped students.

ELD 4500. Introduction to Specific Learning Disabilities (3). Designed to introduce the student to the changing field of learning disabilities with emphasis on the various theories that have shaped the field.

EMR 4500. Functional Reading, Academics, and Life Skills for Individuals with Mental Disabilities (3). This course is designed to teach functional reading and related academic skills to individuals with mental disabilities.

EVI 4110. Introduction to Visually Impaired-Blind (3). Designed to provide an overview of the population of people who have visual impairments and the role of specialized service providers. Special attention is given to the effects of visual impairment on development and learning.

EVI 4110. Assessment of Visually Impaired Students (3). Prerequisites: EVI 4011, 4121, 4211. Students are prepared in this course to participate in the comprehensive assessment of individuals with visual impairments, including those students who have multiple disabilities, by using both formal and informal assessment and authentic assessment strategies that are appropriate to the population. Students will be prepared for their future consulting role as members of transdisciplinary assessment teams.

EVI 4405. Anatomy and Diagnosis of the Eye for Blindness Professionals (3). The purpose of this course is to introduce prospective teachers of students with visual impairments, orientation and mobility specialists, and rehabilitation teachers to the anatomy and physiology of the human eye, the visual mechanism, its embryologic development, and various eye pathologies. Particular emphasis is placed on the impact of these eye pathologies on the visual functioning of the individual.

EVI 4211. Literary Braille (3). In this course students will develop skills in the preparation of material for blind students in the literary Braille code using a braillewriter. Interlining and proofreading are emphasized.

EVI 4212. Nemeth Code and Supporting Math Instruction for Students with Visual Impairments (3). Prerequisites: EVI 4011, 4121, 4312. The purpose of this course is to enable students preparing to be teachers of blind school-age children to support the instruction of mathematics skills in students with visual impairments. Topics include the foundation of the acquisition of mathematics skills, the Nemeth Code, adaptations of mathematics diagrams and illustrations, instruction in the abacus, and strategies for teaching mathematics skills to students with visual impairments.

EVI 4220. Introduction to Orientation and Mobility (3). Provides future teachers of students with visual impairments with a realistic understanding of the problems inherent in the orientation and mobility experience by visually impaired individuals. Stresses techniques for teaching O/M in indoor environments.

EVI 4245. Teaching Educational Management of Students with Visual Impairments (3). Prerequisites: EVI 4211, 4212, 4121. The purpose of this course is to provide participants with the knowledge and skills necessary to manage the successful integration of students with visual impairments into the general education environment. Legal, ethical, and safety issues related to the education of students with vision impairments are discussed. In addition, students are assisted as they prepare for their student teaching experience.

EVI 4250. Teaching Social and Career Skills to Students with Visual Impairments (3). Prerequisites: EVI 4011, 4121, 4254. This course provides participants with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on using these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

EVI 4254. Teaching Independent Living Skills to Students with Visual Impairments (3). This course is designed to provide students planning to be teachers of students with visual impairments with the knowledge and skills necessary to successfully integrate visually impaired students into the general education environment. Students learn to adapt classroom materials, collaborate with general education personnel, and develop direct teaching strategies that enhance the visually impaired learners' optimum functioning.

EVI 4241. Low Vision (3). Prerequisite: EVI 4211. The purpose of this course is to prepare prospective teachers of students with visual impairments, orientation and mobility specialists, and rehabilitation teachers for facilitating the visual functioning of individuals with low vision. Students learn the basics of optics and how to conduct functional vision evaluations, to interpret their findings, and to teach the effective use of low vision devices.

EVI 4341. Teaching Students with Visual Impairments and Other Disabilities (3). This serves the purpose of preparing teachers to work with students who have additional disabilities along with visual impairments. The course features varied instructional techniques designed for students with multiple disabilities who also have a visual impairment.

EVI 4331. Student Teaching in Visual Disabilities (12). (S/U grade only.) Prerequisite: EVI 4341. In this course, student teachers teach students with visual disabilities for one semester within a local school or residential school setting, full-time and under the supervision of an experienced certified teacher of students with visual impairments.

MHS 3496r. Cooperative Education Work Experience (6). (S/U grade only.)

MHS 3940r. The Human Service Profession (3). Corequisites: EDF 5502 or HM 5992. The human service professions and systems approaches. Personal, career, and family development. The delivery of human service work. Program development and evaluation, with a special emphasis upon the rehabilitation process.

MHS 4648r. 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 twelve (12) semester hours.

MHS 4950r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

MHS 1063. Disability in Western Culture (3). This course provides an understanding of disability and its implications within the context of Western culture; includes definitions of disability, historical and current cultural views, and implications of disability for daily life.
Course examines the psychological and social factors related to adjustment and diverse populations, including minorities, women, persons with disabilities, and other adults.

Examines the human development, both normal and abnormal, of an individual across the entire age span, from psychomotor, cognitive, and affective perspectives. Special emphasis is placed on the adolescent, young, adulthood, middle adulthood, and late adulthood developmental stages of life.

Helping Strategies and Case Management in Rehabilitation (3). Training in basic interviewing techniques and case management skills in rehabilitation. Includes case recording, ecological assessment, individual treatment planning, crisis intervention, referral, and interdisciplinary collaboration.

Psychosocial Aspects of Diversity (4). Examines the psychological and social factors related to adjustment and diverse populations, including minorities, women, persons with disabilities, and other adults.

Medical Aspects of Disability and Chronic Illness (3). An introduction to the structure of medicine in the United States. A survey of medical specialties and terminology; a survey of body systems, common malfunctions, therapeutic services, and restorative techniques.

Psychosocial Aspects of Rehabilitation (3). An overview of the psychological and social factors related to the adjustment or adaptation to a disability and to the provision of rehabilitation services. The relationship between disability and culture will also be explored.

Vocational Aspects of Rehabilitation (3). Theories, methods, and practices of career development, utilizing occupational information and labor market trends, understanding of requirements and characteristics of a variety of occupations, job analysis, and job modification and restructuring.

Internship in Rehabilitation Services (7–15). (S/U grade only.) Prerequisite: permission of adviser. Full or half semester internship in a human services setting. May be repeated to a maximum of fifteen (15) semester hours.

Field Experience in Rehabilitation (3). (S/U grade only.) Prerequisite: Adviser permission. Supervised clinical practice in a rehabilitation agency or community service. Duties are in activities like interviewing, assessment, case management, service coordination, teaching and coaching of life skills.

Special Topics in Rehabilitation Counseling (1–4). Special topics in rehabilitation counseling are studied in depth. May be repeated for a maximum of twelve (12) semester hours.

Graduate Courses

Advanced Study of Emotional Disturbance (3).

Precision Teaching Methods for Emotional Disturbances (3).

PRACTICUM IN EMOTIONAL DISTURBANCE/LEARNING DISABILITY (3).

Typical and Atypical Early Development (3).

Middle and Secondary Curriculum for Learners with Disabilities (3).

Adaptations and Accommodations for Learners with Disabilities (3).

Development and Assessment of Individuals with Severe Disabilities (3).

Instructional Environments: Ethical, Legal, Safety, and Classroom Management Considerations (3).

Methods for Teaching Students with Low Incidence Disabilities (3).

Introduction to Special Education Technology (3).

Mathematics for Students with Disabilities (3).

Positive Behavior Support (3).

Advanced Reading Instruction for Students with Disabilities (3).

Seminar in Transition (3).

Preparing Individuals for Transition (3).

Teaching Students with Autism (3).

Assessment and Methods in Early Childhood Special Education (3).

Program Development for Young Children with Disabilities (3).

Early Childhood and Elementary Education Curriculum for Special Educators (3).

Teaming with Families, Schools and the Community (3).

Cognitive and Social Implications of Maltreatment of Students with Exceptional Needs (3).

Collaborative Transition and Career Planning for Students with Severe or Profound Disabilities (3).

Practicum with Students with Autism Spectrum Disorder (1–3).

Field Laboratory Internship (1–12). (S/U grade only.)

Supervised Teaching (1–4). (S/U grade only.)

Directed Individual Study (1–3).

Pre-Student Teaching Seminar (1). (S/U grade only.)

Special Topics in Special Education (1–3).

Practicum in Early Childhood Special Education (3).

Practicum in Transition (3).

Seminar: Research Problems in Special Education (1). (S/U grade only.)

Design and Preparation of Research in Special Education (3).

Critical Review of Special Education Research (3).

Seminars in Education, Training, and Treatment of Exceptional Individuals (3).

Research and Practices in Special Education Personnel Development (3).

Seminar in Early Childhood/Special Education (3).

Doctoral Seminar in Special Topics (1–3). (S/U grade only.)

Seminar for Teachers of the Gifted (3).

Mentorship Practicum for the Gifted (5).

Advanced Study of Learning Disabilities (3).

Teaching the Student with Profound Disabilities (3).

Advanced Practicum in Mental Disabilities (3).

Foundations of Rehabilitation Teaching of the Blind (3).

Teaching Deaf-Blind Multisensory Impaired Individuals (3).

Applied Methods in Orientation and Mobility (1).

Advanced Orientation and Mobility Procedures (5).

Methods of Independent Living of the Blind (3).

Teaching Communication Skills to Visually Impaired Adults (3).

Low Vision (3).

Special Methods of Working with Preschoolers with Visual Impairments (3).

Technology for Individuals with Visual Impairment (3).

Social and Vocational Implications of Recreation and Leisure for Visually Impaired (3).

Issues of Blindness in Society (3).

Seminar in Visual Disabilities (3).

Studies in Research on Individuals with Visual Impairment (3).

Student Teaching in Visual Disabilities (12). (S/U grade only.)

PRACTICUM IN ORIENTATION AND MOBILITY (2).

PRACTICUM WITH STUDENTS WHO ARE DEAFBLIND (1–3).

Infant and Toddler Typical and Atypical Development (3).

Family-Centered Early Intervention (3).

Infant/Toddler and Family Assessment (3).

Psychosocial and Multicultural Aspects of Counseling (3).

Supervised Teaching (1–4). (S/U grade only.)

Supervised Research (1–4). (S/U grade only.)

Medicinal Aspects of Disability (3).

Psychosocial and Multicultural Aspects of Disability (3).

Assessment in Counseling and Rehabilitation (3).

Placement Methods and Techniques (3).

Principles and Practices in Rehabilitation Counseling (3).

Administration and Supervision in Rehabilitation (3).

Leadership Practicum in Rehabilitation (3–6).

Special Topics in Rehabilitation (2).

Advanced Psychological and Social Aspects of Disability (3).

Advanced Assessment in Rehabilitation Counseling (3).

Advanced Theories and Principles of Rehabilitation (3).

Research and Practices in Special Education Personnel Development (3).

Seminar: Readings in Education, Training, and Treatment of Exceptional Individuals (3).

Research and Practices in Special Education Personnel Development (3).

Seminar for Teachers of the Gifted (3).

Mentorship Practicum for the Gifted (5).

Advanced Study of Learning Disabilities (3).

Teaching the Student with Profound Disabilities (3).

Advanced Practicum in Mental Disabilities (3).

Foundations of Rehabilitation Teaching of the Blind (3).

Teaching Deaf-Blind Multisensory Impaired Individuals (3).

Applied Methods in Orientation and Mobility (1).

Advanced Orientation and Mobility Procedures (5).

Methods of Independent Living of the Blind (3).

Teaching Communication Skills to Visually Impaired Adults (3).

Low Vision (3).

Special Methods of Working with Preschoolers with Visual Impairments (3).

Technology for Individuals with Visual Impairment (3).

Social and Vocational Implications of Recreation and Leisure for Visually Impaired (3).

Issues of Blindness in Society (3).

Seminar in Visual Disabilities (3).

Studies in Research on Individuals with Visual Impairment (3).

Student Teaching in Visual Disabilities (12). (S/U grade only.)

PRACTICUM IN ORIENTATION AND MOBILITY (2).

PRACTICUM WITH STUDENTS WHO ARE DEAFBLIND (1–3).

Infant and Toddler Typical and Atypical Development (3).

Family-Centered Early Intervention (3).

Infant/Toddler and Family Assessment (3).

Psychosocial and Multicultural Aspects of Counseling (3).

Supervised Teaching (1–4). (S/U grade only.)

Supervised Research (1–4). (S/U grade only.)

Medicinal Aspects of Disability (3).

Psychosocial and Multicultural Aspects of Disability (3).

Assessment in Counseling and Rehabilitation (3).

Placement Methods and Techniques (3).

Principles and Practices in Rehabilitation Counseling (3).

Administration and Supervision in Rehabilitation (3).

Leadership Practicum in Rehabilitation (3–6).

Special Topics in Rehabilitation (2).

Advanced Psychological and Social Aspects of Disability (3).

Advanced Assessment in Rehabilitation Counseling (3).

Advanced Theories and Principles of Rehabilitation (3).

Professional Issues in Rehabilitation Counseling (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 CIVIL AND ENVIRONMENTAL ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Chair: Kamal S. Tawfiq; Professors: Nnaji, Ping, Tawfiq, Wekezer; Associate Professors: Abdullah, Abdelrazig, Abichou, Chan Hilton, Huang, Mtenga, Mussa, Sobanjo, Spainhour; Assistant Professors: Chen, Rambo-Roddenberry

The Department of Civil and Environmental Engineering has the mission of teaching the fundamentals of civil engineering science, analysis, design, and management 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 other 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 workstation. Civil and environmental engineers often find themselves involved in many of the public works 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 science, helps to prevent and solve environmental problems. Engineers in the geotechnical realm apply technology, field test information, and laboratory analyses related to mechanics and mathematics to create the infrastructure facilities within and on top of the earth. The structure and stability 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 protection, 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, LLB, and shear testing equipment and seismographs for in situ and laboratory measurements of engineering properties of soils and rocks; and a self-contained glass-sided tilting flume for investigations of flow phenomena and sediment transport. A complete stand-alone automated data acquisition and analysis system is available for undergraduate student laboratory work and research. A fully equipped water quality testing lab as well as portable field testing kits are used both for classroom teaching as well as for student research and design projects.

Students have access to a large number and variety of computer systems. A network of nearly 700 computing devices is available for the academic and research efforts of the college.

The department houses the Crashworthiness and Impact Analysis Laboratory, which is a well equipped state-of-the-art, high-performance computing environment for the pursuit of transportation-related research. The equipment includes a Silicon Graphics Origin 2000 technical server with sixteen parallel processors and a cluster of workstations for fast visualization and pre- and post-processing. This advanced computing environment is available primarily to graduate students working as research assistants with departmental faculty. The college computers are connected to a high-speed, switched, fiber-optic LAN and to the Internet via the Florida State University connection to the NSF v BNS network. Desktop computers are supported by a cluster of Sun, DEC, and SGI servers. Other nearby resources include the School of Computational Science and 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 Professional Development. Students may enroll as special students if they intend to use the certificate credits later. Students who do not wish to receive academic credit may sign up for continuing education units (CEU’s). Twelve (12) semester hours are required to complete the program. Information and registration may be found at http://www.eng.fsu.edu/certicateprogram/. In order to be admitted to the MS program, a student must have a bachelor’s degree in civil engineering, a 3.0 grade point average (GPA) in the last two years of undergraduate school, and a Graduate Record Examination (GRE) score of at least 1000. Exceptions may be granted where other evidence indicates an ability to perform satisfactory graduate work. A student without a bachelor’s degree in civil engineering may be required to complete undergraduate engineering articulation courses prior to attempting more advanced work. Admission to the doctoral program requires possession of a master’s degree in civil or environmental engineering or a closely allied academic discipline from an accredited college or university, good standing in the academic institution last attended, evidence of a 3.0 GPA on a 4.0 scale as an upper level undergraduate or graduate student, and a minimum score of 1100 on the GRE. Exceptional applicants with a BS degree may be admitted to the PhD program, provided they complete an MS degree in the department before obtaining the PhD degree. For more details, refer to the Graduate Bulletin.

Program Educational Objectives

Upon completion of their course of study, graduates of the program in civil engineering are expected to accomplish following:

1. Progress in successful professional careers in civil, environmental, or related engineering fields, or intent to continue their studies at the graduate level

2. Engage in design or management issues, both professional activities needed by society, which are based on sound academic knowledge, gained management, oral and written communication and leadership skills, and on engineering practices

3. Become recognized professional engineers with a demonstrated commitment to life-long learning and continuous self-improvement in order to respond to the rapid pace of change in the profession of civil and environmental engineering

4. Contribute to work force diversity as members and leaders of inter/multi-disciplinary teams

Program Outcomes

These objectives are further expanded and detailed through twelve program outcomes. The program outcomes are intellectual abilities that each student must gain from the program before he/she graduates. The following program outcomes are closely linked to program educational objectives:

a. An ability to apply knowledge of the following: mathematics, through differential equations and probability and statistics; science, including calculus-based physics and general chemistry; and engineering, to subsequent problems

b. An ability to design and conduct field and laboratory experiments, as well as to critically analyze and interpret data in more than one of the recognized civil engineering areas

c. An ability to design systems, components, or processes gained through design experiences integrated throughout the curriculum

d. An ability to function on interdisciplinary and multidisciplinary teams

e. An ability to identify, formulate, and solve civil and environmental engineering problems

f. An understanding of ethical and professional practice issues, including project design, execution, and delivery; and the importance of professional licensure and continuing education

g. An ability to communicate effectively
h. The broad education necessary to understand the impact of
engineering solutions in a global/societal context
i. A recognition of the need for and an ability to engage in lifelong
learning
j. Knowledge of contemporary civil and/or environmental issues
k. An ability to use the techniques, skills, and modern engineering
tools necessary for engineering practice
l. Proficiency in a minimum of four recognized areas within the civil
ingineering program

Engineering Design
Following engineering design criteria established by the Accreditation
Board for Engineering and Technology (ABET), the civil engineering
curricula provide excellent design experiences for students. Faculty of
the Department of Civil and Environmental Engineering have carefully
integrated design components into the curriculum with increased com-
plexity as students progress toward graduation. These design compo-
nents offer opportunities for students to work individually and in teams
on meaningful engineering design experiences building upon the funda-
mental 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 meaning-
ful solutions and effective design development for practical engineering
problems.

A majority of the design experiences are integrated into junior and
senior level courses. For example, design experience is expanded in the
civil engineering curriculum when students have completed EGM
3512 Engineering Mechanics, and progress to EGN 3331 Strength of
Materials, then to CES 3100 Structural Analysis. Students are exposed
to extensive design experiences in CES 4702 Concrete Design and CES
4605 Steel Design.

A major in environmental engineering includes ENV 4001
Environmental Engineering, which builds on material covered in
EES 3040 Introduction to Environmental Engineering Science, CWR
3201 Hydraulics, and is followed by CWR 4202 Hydraulic Engineering
I and CWR 4101 Engineering Hydrology. CGW 4800 Pre-Senior Design
and Professional Issues, and CGN 4802 Civil Engineering Senior Design
Project, provide significant, culminating design experiences that are ap-
plied to one or two actual engineering situations for students working
in multidisciplinary teams and majoring in either civil or environmental
engineering.

Additional information about design credits may be obtained from
departmental brochures and by contacting faculty advisers at the
Department of Civil and Environmental Engineering.

Computer Skills Competency
All undergraduates at Florida State University must demonstrate ba-
sic computer skills competency prior to graduation. As necessary com-
puter competency skills vary from discipline to discipline, each major
determines the courses needed to satisfy this requirement. Undergraduate
majors in Civil and Environmental Engineering satisfy this requirement
by earning a grade of "C" or higher in EGN 2212.

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 Florida State University.
They may be taken either at a community college or in a university low-
er-division program. It is preferred that these common course prerequi-
sites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved
substitutions necessary for this degree program:
1. ENC X101
2. ENC X102
3. MAC X311*
4. MAC X312*
5. MAC X313*
6. MAP X302
7. CHM X045/X045L*
8. PHY X048/X048L
9. PHY X049/X049L
10. Six (6) semester hours in humanities
11. Six (6) semester hours in social science
12. Three (3) additional semester hours in humanities or social science

Note: Courses marked with an asterisk (*) have at least one acceptable
substitute. Contact the department for details.

Requirements for the Bachelor of Science in
Civil Engineering: Civil Engineering Major
In addition to college requirements, a candidate for the BS degree in
civil engineering will be expected to successfully complete the following
requirements:

Mathematics and Basic Engineering Sciences

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCE 3101</td>
<td>Construction Materials</td>
<td>3</td>
</tr>
<tr>
<td>CCE 3101L</td>
<td>Construction Materials Laboratory (1)</td>
<td></td>
</tr>
<tr>
<td>CEG 2202C</td>
<td>Site Investigation</td>
<td>3</td>
</tr>
<tr>
<td>CGN 2327L</td>
<td>Civil Engineering Graphic Lab (1)</td>
<td></td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>EGN 1004L</td>
<td>First Year Engineering Lab</td>
<td>1</td>
</tr>
<tr>
<td>EGN 2123</td>
<td>Computer Graphics for Engineers</td>
<td>2</td>
</tr>
<tr>
<td>EGN 2212</td>
<td>Engineering Statistics and Computation</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3331</td>
<td>Strength of Materials</td>
<td>3</td>
</tr>
<tr>
<td>EGN 3331L</td>
<td>Strength of Materials Lab (1)</td>
<td></td>
</tr>
<tr>
<td>EGN 3613</td>
<td>Principles of Engineering Economy</td>
<td>2</td>
</tr>
<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering</td>
<td>3</td>
</tr>
<tr>
<td>EML 3100</td>
<td>Thermodynamics</td>
<td>2</td>
</tr>
</tbody>
</table>

Civil Engineering Science and Design Core Courses
(Breadth)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEG 3011</td>
<td>Soil Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>CEG 3011L</td>
<td>Soil Mechanics Lab (1)</td>
<td></td>
</tr>
<tr>
<td>CES 3100</td>
<td>Structural Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CWR 3201</td>
<td>Hydraulics</td>
<td>3</td>
</tr>
<tr>
<td>CWR 3201L</td>
<td>Hydraulics Lab (1)</td>
<td></td>
</tr>
<tr>
<td>EES 3040</td>
<td>Introduction to Environmental Engineering Science</td>
<td>3</td>
</tr>
<tr>
<td>EES 3040L</td>
<td>Introduction to Environmental Engineering Science Lab (1)</td>
<td></td>
</tr>
<tr>
<td>TTE 3004</td>
<td>Transportation Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

Civil Engineering Science and Design Proficiency
Courses (Depth)

Students must take the following courses in five (5) proficiency
areas plus two additional Technical Proficiency Electives* for a total
of twenty-four (24) hours credit. To meet the proficiency requirement,
students may select elective proficiency courses (as indicated below) to
specialize their degree program to suit their individual objectives.

1. Structures
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CES 4605</td>
<td>Steel Design</td>
<td>3</td>
</tr>
<tr>
<td>CES 4702</td>
<td>Concrete Design</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Geotechnical
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEG 4801</td>
<td>Geotechnical Design</td>
<td>3</td>
</tr>
</tbody>
</table>

3. Construction
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCE 4004</td>
<td>Construction Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

4. Transportation
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTE 4XXX</td>
<td>Transportation elective</td>
<td>3</td>
</tr>
</tbody>
</table>

5. Environmental/Water Resources
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 4001</td>
<td>Environmental Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CWR 4202</td>
<td>Hydraulic Engineering I</td>
<td>3</td>
</tr>
</tbody>
</table>
Additional Technical Proficiency Electives*
  Elective 4XXX (3)
  Elective 4XXX (3)

Note: *Technical Proficiency Electives are defined as 4000 level civil and environmental engineering courses. Other courses might be suitable to meet this requirement. Please see your adviser for details.

Major Design Experience
  CGN 4800 Pre-senior Design and Professional Issues (1)
  CGN 4802 Senior Design Project (3)

Requirements for the Bachelor of Science in Civil Engineering: Environmental Engineering Major

In addition to college requirements, a candidate for the BS degree in civil engineering with a major in environmental engineering will be expected to successfully complete the following course requirements.

Mathematics and Basic Engineering Sciences
  CEG 2202C Site Investigation (3)
  CGN 2327L Civil Engineering Graphic Lab (1)
  EES 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)
  EEL 3003 Introduction to Electrical Engineering (3)
  OR
  EML 3100 Thermodynamics (2)

Environmental Engineering Science and Design Core Courses (Breadth)
  CCE 3101 Construction Materials (3)
  CEG 3011 Soil Mechanics (3)
  CEG 3011L Soil Mechanics Laboratory (1)
  CWR 3201 Hydraulics (3)
  CWR 3201L Hydraulics Laboratory (1)
  ENV 4001 Environmental Engineering (3)
  ENV 4xx Approved Environmental Elective (3)
  TTE 3004 Transportation Engineering (3)

Environmental Engineering Science and Design Proficiency Courses (Depth)
  Students are required to take the following courses in four proficiency areas plus two additional Technical Proficiency Electives* for a total of twenty-four (24) credit hours. To meet the proficiency requirement, students may select elective proficiency courses (as indicated below) to specialize their degree program to suit their individual objectives.

1. Environmental
   ENV 4611 Environmental Impact Analysis (3)
   OR
   ENV 4341 Solid and Hazardous Waste Engineering (3)
   ENV 4XX Environmental Engineering elective (3)

2. Water Resources
   CWR 4101 Engineering Hydrology (3)
   OR
   CWR 4202 Hydraulic Engineering (3)
   CWR 4XX Water Resources, Hydraulics or Hydrology elective (3)

3. Geotechnical
   CEG 4801 Geotechnical Design (3)

4. Construction/Transportation
   TTE 4XXX Transportation elective (3)

OR
   CCE 4XXX Construction elective (3)

Additional Technical Proficiency Electives*
  Elective 4XXX (3)
  Elective 4XXX (3)

Note: *Technical Proficiency Electives are defined as 4000 level civil and environmental engineering courses. Other courses might be suitable to meet this requirement. Please see your adviser for details.

Major Design Experience
  CGN 4800 Pre-senior Design and Professional Issues (1)
  CGN 4802 Senior Design Project (3)

Department Requirements

Transfer students and students within the program in civil engineering must achieve a grade of “C” or better in calculus I (MAC 2311 [4]), calculus II (MAC 2312 [4]), physics I (PHY 2048C [5]) and chemistry I (CHM 1045 [4], CHM 1045L [1]) prior to enrolling in any upper-level civil and environmental engineering classes. Students who do not meet this requirement may be directed to take additional academic work. A maximum of one repeat of each course is allowed in meeting this requirement. Students also must adhere to the policies set by the College of Engineering. Students must achieve a grade of “C” or better in all transfer courses and in all courses that are prerequisites to any required or elective engineering course. In addition, students are required to earn a “C” or better in all engineering courses without any waiver as a graduation requirement. These courses cover the areas of mathematics and basic design, basic engineering science and design, civil engineering science and design, environmental engineering science and design, proficiency and core courses, and electives.

All undergraduate students are encouraged to take the Fundamentals of Engineering (FE) exam in the civil engineering discipline during their senior year.

Oral Communication Competency

If the following three courses are taken in the listed sequence, the Oral Communication Competency requirement as defined in the “Undergraduate Degree Requirements” section of this Bulletin will be satisfied.

  EES 3040 Introduction to Environmental Engineering Science
  CGN 4800 Pre-Senior Design and Professional Issues
  CGN 4802 Senior Design Project

Definition of Prefixes

CCE—Civil Construction Engineering
CEG—Civil Geotechnical Engineering
CES—Civil Engineering Structures
CGN—Civil Engineering
CWR—Civil Water Resources
EES—Environmental Engineering Science
EGN—Engineering: General
ENV—Engineering: Environmental
TTE—Transportation Engineering

Undergraduate Courses

CCE 3101. Construction Materials (3). Prerequisite: EGN 3331. Properties and characteristics of construction materials for civil and highway engineering: metals, aggregates, cements, timber, concrete, and asphalt. Lab and field testing techniques are included.

CCE 3101L. Construction Materials Laboratory (1). Prerequisite or Corequisite: CCE 3101. Prepare concrete and asphalt specimens; test construction materials under compression, tension, torsion loading. Write formal laboratory reports.

CCE 4004. Construction Engineering (3). Prerequisites: CCE 3101; EGN 3613. Theories, principles, and applications of engineering professionalism and ethics. Emphasis on prescriptive, planning, scheduling, contracts and specification, construction methods, and equipment and safety.

CCE 4014. Construction Cost Estimating (3). Prerequisites: CCE 3101; EGN 3613. Corequisite: CCE 4004. Construction contracts, organization and cost accounting systems; preliminary cost estimation, and cost indices; estimating material, labor, and equipment costs; construction bidding practices, and bid proposals; and project budgeting and cost systems.
Prerequisite: MAC 1114. Methods and procedures of
Prerequisites: MAC 2312; PHY 2048C.
Prerequisite: CHM 1045, 1045L. Corequisite: EES 3040. Course covers use of field and laboratory instru-
tions to determine soil properties. Study of the processes of the hydrologic cycle, hydraulics tests for
application of fundamental principles from the area of general, organic, and biological
motions, mixing and transport in estuaries, and coastal engineering analysis.
CWR 4120. Groundwater Hydrology (3). Prerequisites: CWR 3201; EES 3400. This course examines the fundamentals of groundwater flow and contaminant transport. Topics include:

3-D equation of groundwater flow, regional circulation, unsaturated flow, recharge, stream-
aquifer interaction, well hydraulics, slug test analyses, and contaminant transport processes.
CWR 4202. Hydraulic Engineering I (3). Prerequisites: CWR 3201, 3201L; EGN 2212; or
Consent of Instructor. Corequisite: ENV 4001. The course is intended to provide an understanding of storm
storms, stormwater runoff, and effects of urbanization on stormwater quantity and quality; methods
and techniques for stormwater design; and design for stormwater quality and quantity.
CWR 4306. Urban Stormwater Runoff (3). Prerequisite: CWR 3201, or consent of instructor.
Corequisite: ENV 4001. The course is designed to understand the design and application of water
treatment processes and systems. Application of principles of water supply, urban drainage, flood control, and
CWR 4540. Water Resources Engineering (3). Prerequisites: CWR 4202; EGN 2212. Systems approach to complex water resources problems; application of systems analysis of
in estuaries and coastal oceans, wave properties and wave forces on coastal structures, tidal
factors; engineering application in estuaries, and coastal engineering analysis.
EES 2205C. Environmental Engineering Chemistry (4). Prerequisites: CHM 1045, 1045L.

Concept of force and moment. Two and three-dimensional equilibrium of points, frames, and
factors; engineering applications.
CGR 3311. Civil Engineering Mechanics (4). Prerequisites: EGM 3512; PHY 2048C. Corequisite:
EES 3040L. Introduction to environmental engineering science laboratory (1). Corequisite: ESG 3040. Course provides an introduction to environmental engineering science through
practical laboratory experiences.
EES 3040. Introduction to Environmental Engineering Science (3). Prerequisite: CHM 1045, 1045L. Exploration of environmental engineering principles and applications. Emphasis is on water and air pollution, their sources and treatment; solid
CWR 4401L. Environmental Systems Analysis (3). Prerequisites: EES 3040, 3040L; ENV 4001; MAC 2311. Systems analysis techniques applied to the solution of environmental
problems, with particular emphasis on linear and dynamic programming.
CWR 4403. Chemical Fate and Transport in the Environment (3). Prerequisites: CWR 3201; EES 3400, 3400L. Study of water and wastewater treatment systems; wastewater
collection systems; air and water pollution control; solid waste management; contemporary
treatment and recycling systems. Case studies of wastewater treatment and recycling processes.
CWR 4402. Remediation Engineering (3). Prerequisite: ENV 4001 or equivalent. Corequisite: CWR 4202 or equivalent. This course reviews various innovative remediation technologies used for cleanup of contaminated soil and groundwater at a site such as air sparging, soil
vapor extraction, reactive walls, reactive zones, stabilization technologies, hydraulic and
CWR 4311. Civil Engineering Mechanics (4). Prerequisites: MAC 2312; PHY 2048C. Concept of force and moment. Two and three-dimensional equilibrium of points, frames, and
CWR 4210. Water Reuse Engineering (3). Prerequisites: CHM 1045, 1045L; EES 3400. Sources of water for reuse, treatment processes and systems, monitoring and control instru-
mentation, health and social aspects, design of facilities/systems.
CWR 4211. Environmental Problems and Operations (1). Prerequisite: CWR 3201; Consent of Instructor. Corequisite: CWR 4202. The operational and design features of the physical,
CWR 4541. Design of Water Quality Management Facilities (3). Prerequisites: CWR 3201; EES 3400, 3400L. Analysis of operations, processes, and systems in the design of facilities
for maintaining water supply quality, wastewater treatment, and aquatic pollution control.
Civil and Environmental Engineering 183
Prerequisites: CEG 2202C; TTE 3004. Transportation Engineering (3). Prerequisites: CEG 2202C; EGN 2212; junior standing. An introductory study of all modes of transportation in the United States with special emphasis on highway planning and design, construction, operation, management, and safety.


TTE 4250. Traffic Operations (3). Prerequisites: EGN 2212; TTE 3004. Operation of transportation systems, monitoring, regulation, and control traffic.

TTE 4271. Intelligent Transportation Systems (3). Prerequisite: TTE 3004. Course covers advanced traffic management systems (ATMS), advanced traveler information systems (ATIS), advanced vehicle control systems, commercial vehicle operations, rural ITS, human factors, institutional issues, architecture and standards, simulation and modeling.

TTE 4804. Highway Geometric Design (3). Prerequisites: 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 5115. Foundation Engineering (3).
CEG 5127. Highway and Airport Pavement Design (3).
CEG 5705. Environmental Geotechnics (3).
CES 5105. Advanced Mechanics of Materials (3).
CES 5106r. Advanced Structural Analysis (3).
CES 5144. Matrix Methods for Structural Analysis (3).
CES 5209. Structural Dynamics (3).
CES 5218. Fundamentals of Structural Stability Theory (3).
CES 5325. Bridge Engineering (3).
CES 5585. Earthquake/Wind Engineering (3).
CES 5606. Advanced Steel Design (3).
CES 5706. Advanced Reinforced Concrete Design (3).
CES 5715. Prestressed Concrete (3).
CES 5845. Composites in Civil Engineering (3).
CES 6116. Finite Elements in Structure (3).
CGN 5310. Engineering Data Systems (3).
CGN 5905r. Directed Individual Study (1–6). (S/U grade only.)
CGN 5910r. Supervised Research (1–5). (S/U grade only.)
CGN 5930r. Special Topics in Civil Engineering (1–6).
CGN 5935r. Civil Engineering Seminar (0). (S/U grade only.)
CGN 6942. Supervised Teaching (3). (S/U grade only.)
CWR 5125. Groundwater Hydrology (3).
CWR 5205. Hydraulic Engineering II (3).
CWR 5305. Urban Stormwater Runoff (3).
CWR 5516. Numerical Models in Hydraulics (3).
CWR 5635. Water Resources Planning and Management (3).
CWR 5824. Coastal and Estuarine Hydraulics (3).
ENV 5028. Remediation Engineering (3).
ENV 5045. Environmental Systems Analysis (3).
ENV 5055. Chemical Fate and Transport in the Environment (3).
ENV 5105. Air Pollution Control (3).
ENV 5407. Water Reuse Engineering (3).
ENV 5504. Environmental Engineering Processes and Operations (3).
ENV 5565. Design of Water Quality Management Facilities (3).
ENV 5615. Environmental Impact Analysis (3).
TTE 5205. Traffic Engineering (3).
TTE 5206. Advanced Traffic Flow Analysis (3).
TTE 5256. Traffic Operations (3).
TTE 5270. Intelligent Transportation Systems (3).
TTE 5805. Highway Geometric Design (3).

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

Department of CLASSICS

College of Arts and Sciences

Chair: Daniel J. Pullen, Professors: Cairns, de Grammundo, Marincola, Pullen, Tatsum; Associate Professors: Fulkerson, Pfaff, Sickinger; Assistant Professors: Luke, Slaveva-Griffin, Stone, Stover; Emeriti Faculty: Golden, Plescia

The influence of the art, languages, literatures, and cultures of the Greco-Roman world pervades 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 exceptional. The classics are crucial both to the perpetuation and to the critique of the western liberal arts education.

The Department of Classics is committed to advancing our knowledge and critical appreciation of the ancient Mediterranean world through excellence in research and in teaching. The department seeks to create an atmosphere that fosters traditional scholarly approaches to the classical past at the same time as it welcomes and encourages innovative methods and perspectives. The department values the interdisciplinarity of the classics and strives to achieve an integrated understanding of the ancient world that includes a full appreciation of history, literature, and material culture. Students are encouraged to view the classics within the context of the traditional humanities as well as in terms of the contemporary criticism of received cultural canons.

All courses in classics emphasize critical thinking, careful analysis, and effective speaking and writing skills. Some who major in classics will go on to academic careers as philologists or archaeologists. Others will become teachers in the schools or specialists in museum work. But most classics majors find that their broad liberal arts background is excellent preparation for pursuing careers in the learned professions, such as government, journalism, or law.

In addition to offering instruction to majors, the department participates in the University’s Liberal Studies Program and offers innovative courses that satisfy the University’s multicultural requirement. Courses in beginning Greek or Latin can be used to fulfill the language requirement of the College of Arts and Sciences.

The faculty in classics is distinguished in teaching and research. Several members of the faculty have received University and national teaching awards. Individual faculty members have also won numerous competitive grants. The department boasts special strengths in ancient literary criticism, the archaeology of Greece and Italy, the political and social history of Athens and of Rome, Greek religion, and ancient sexuality and gender studies.

Majors and elective students alike will find many intellectual opportunities in the department. There is an active chapter of Eta Sigma Phi (the classics honor society) and a vigorous Student Archaeology Club. The department conducts its own archaeological field school in conjunction with its excavation of the Etruscan/Roman site of Cetamura del Chianti in Italy, application to which is open to all students. 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 specifically for undergraduates. Every semester the department hosts a major conference. In the Fall, it is the Langford Latin Seminar; in the Spring, it is the Langford Conference. Recent topics have included the following: Hymns in Graeco-Roman Antiquity; Greek Self-Fashioning; and Political Economics of the Aegean Bronze Age.

Students interested in the classics are encouraged to discuss their future plans with the undergraduate adviser. Most students will find that their needs are best accommodated by the department’s very flexible program in classical civilization (see below), but students who intend to pursue postgraduate research in ancient history, classical archaeology, or philology will need to enter more specific programs of study. There is also a joint major in classics and religion.
State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Classics and Classical Language

Six to twelve (6–12) semester hours of course work in classics or a demonstration of proficiency by testing or completion of intermediate level

Greek, Classical

Six to twelve (6–12) semester hours of course work in Greek or a demonstration of proficiency by testing or completion of intermediate level

Latin

Six to twelve (6–12) semester hours of course work in Latin or a demonstration of proficiency by testing or completion of intermediate level

Requirements for a Major in Classics

Students should review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. No course for which a student receives a grade of “C−” or lower may be counted toward satisfaction of major requirements. In addition, courses used to satisfy the college foreign language requirement may not be counted toward satisfaction of any major requirements. Interested students should consult with the undergraduate adviser as early as possible to choose a course of study best suited to their needs and goals.

All students are required to complete an exit survey for both the department and the College of Arts and Sciences during the term in which they graduate.

Latin

Twenty-four (24) semester hours above the 1000 level. Two courses at the 3000 level are required from among LNW 3211r, 3323r, and 4340r, along with six (6) additional semester hours at the 4000 level. At the discretion of the adviser, up to four (4) semester hours of Greek or classical civilization may be counted toward this major. Students working toward secondary school certification may have other requirements as well.

Greek

Thirty (30) semester hours chosen in consultation with the departmental adviser. This program will normally include GRE 1120 and 1121.

Classics: Program A (Latin and Greek)

Thirty (30) semester hours in Greek and Latin chosen in consultation with the departmental adviser. At least twelve (12) semester hours are required in each language. The student must take 4000 level courses in at least one of the languages. If secondary school certification is sought in connection with this program, the major must include twenty-four (24) semester hours of Latin.

Classics: Program B (Classical Civilization)

Thirty (30) semester hours chosen in consultation with the departmental adviser. Students must take at least twelve (12) semester hours at the 4000 level, normally to include CLA 4935r. These hours may be selected from any of the courses listed below. No more than twelve (12) semester hours of Latin and Greek may be counted. Students are strongly encouraged to take some courses in the Greek or Latin language. Courses used to satisfy the college foreign language requirement, however, may not be counted toward the major.

Classical Archaeology

Thirty (30) semester hours of course work. ARH 3130 and 3150 are required in addition to three of the following advanced archaeology courses: ARH 4110, 4118, 4120, 4131, 4151, 4154, and 4173. Competence in one ancient language at the third-semester level is required; this requirement may be fulfilled by taking the Greek language sequence of GRE 1120, 1121, and 2220, or the Latin language sequence of LAT 1120, 1121, and 2220. In addition to the twelve (12) semester hours of Latin or Greek required for the classical archaeology major, the BA degree requires twelve (12) semester hours of ancient or modern language study (three sequential four [4] semester hour courses). It is strongly recommended that the student fulfill the requirement through the study of French, German, or Italian. Three (3) semester hours of electives in classics are also required, to be chosen in consultation with the departmental adviser; only three (3) semester hours of those elective courses taken to fulfill the humanities requirements may also be counted toward the requirements of the major. Students are encouraged to participate in the department’s excavations at Cetamura, Italy, and to study at the University’s study center in Florence.

Joint Major in Classics and Religion

The departments of classics and religion cooperate in a joint major designed for students with a special interest in religion and culture in the ancient world. To complete a bachelor of arts degree (BA) with a joint major in classics and religion, a student must take (in addition to other college requirements) twenty-seven (27) semester hours in classics and eighteen (18) semester hours in religion. At least nine (9) semester hours at the 3000 or 4000 level in classics courses with prefixes ARH, ASH, CLA, or CLT are required. No more than eighteen (18) semester hours of Greek or Latin may count toward the major; however, students must attain at least third-semester competency in Greek or Latin (see “Language Requirements” below). Of the eighteen (18) semester hours in religion, at least six (6) and no more than twelve (12) semester hours must be in the area of religions of western antiquity. Classics courses in which the student receives a grade of “C−” or below will not be counted toward the major. For the joint major in religion and classics, please contact the undergraduate director in the department of religion.

Language Requirements for Joint Major

Courses used to fulfill the College of Arts and Sciences language requirement may not be counted toward the major. Whether taken to meet the language requirement or the major requirements, students must complete twelve (12) semester hours in one ancient classical language (Latin or Greek). Courses beyond the third-semester level in Greek or Latin (if that language is used to fulfill the College of Arts and Sciences language requirement) or in another ancient language at any level (e.g., Hebrew, Egyptian, Aramaic, or Sanskrit) may count toward the major, up to the maximum of eighteen (18) semester hours.

Minor

Students with a classics and religion joint major do not need a minor.

Honors in the Major

The Department of Classics offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and consult with the undergraduate adviser.
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 departmental coordinator, courses in Greek and Latin may be included in this program. In Greek or Latin the sequence may begin at the 1000 level (provided this does not duplicate the foreign language requirements for the baccalaureate degree) or at any appropriate higher level.

Definition of Prefixes
ARH—Art History
ASH—Asian History
CLA—Classical and Ancient Studies
CLT—Classical Literature in Translation
EUH—European History
FLE—Foreign Language Education
GRE—Classical Greek (Language Study)
GRW—Classical Greek Literature (Writings)
LAT—Latin (Language Study)
LNW—Latin Literature (Writings)

Undergraduate Courses

ARH 2090. Great Discoveries in World Archaeology (3). An introduction to the discipline of archaeology and to the work of famous archaeologists through an examination of selected archaeological discoveries in Europe, 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 period to the fall of the Roman Republic. A study of the art of Etruscan and Roman archaeology.

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 of art and ancient Egypt, from the Predynastic to the Ptolemaic and Roman periods. An emphasis on the art, architecture, and culture of the Old and New Kingdoms.

ARH 4120. Etruscan Art and Archaeology (3). Study of Etruscan art and culture and important monuments and archaeological sites.

ARH 4131. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3). Study of classical Greek art and important monuments and archaeological sites.

ARH 4151. Art and Archaeology of the Early Roman Empire (3). Study of Roman art from Augustus through Hadrian and important monuments and archaeological sites.

ARH 4154. Archaeology of the Late Roman Empire (3). This course comprises a study of Roman art and archaeology from the second to the sixth century CE with emphasis on important sites and monuments.

ARH 4173r. Studies in Classical Archaeology and Art (3-9). Studies in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine (9) semester hours.

ARH 4392r. Tutorial in Classical Archaeology (1-3). Prerequisites: ARH 3130, 3150; instructor consent. Readings and discussions within a small group of advanced undergraduates concerning a specific topic or research problem in classical archaeology. May be repeated to a maximum of six (6) semester hours.


CLA 2101. 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 2112. The Roman Way: Introduction to Roman Civilization (3). A survey of the daily life and the cultural and political achievements of the Romans from the founding of Rome to the later Roman Empire.

CLA 2500. Ancient Greek Athletics (3). An introduction to the athletics of ancient Greece through an examination of archaeological evidence and literary texts.

CLA 2810. Discovery of Nature: Ancient Science (3). This course introduces students to the history of science, mathematics, medicine, and technology in the ancient Near East, the Greco-Roman world, the world of Late Antiquity, and the Early Middle Ages.

CLA 3012. Homosexuality in Antiquity (3). Combines methods of social history and literary criticism to examine attitudes toward homosexuality in Greek and Roman culture and the influence of the Greek ideal in later literary and artistic culture.

CLA 3501. Gender and Society in Ancient Greece (3). This course examines the role and status of women in ancient Greek society, as depicted in its literature, art, law, and religion.

CLA 3502. Women, Children, and Slaves in Ancient Rome: The Roman Family (3). This course examines the Roman family in its various facets. Its focus will not be only on the nuclear family but also on the broader concept of family, which includes slaves and dependents.

CLA 4437r. Studies in Greek History (3). Study of specified periods of Greek history, whether Archaic, Classical, or Hellenistic. May be repeated to a maximum of six (6) semester hours.

CLA 4447r. Studies in Roman History (3). Study of specified periods of Roman history in the Republic or Empire. May be repeated to a maximum of six (6) semester hours.

CLA 4780r. Classical Archaeology: Fieldwork (1-4). Excavation experience through the Florida State University Field School at Cetamura, Italy. May be repeated to a maximum of twelve (12) semester hours.

CLA 4809r. Honors Work (1-6). Up to twelve (12) semester hours may be taken in honors work; may be repeated to a maximum of nine (9) semester hours.

CLA 4930r. Special Topics in Classics (3-9). This course offers studies in specific aspects of Greek-Roman literature and culture.

CLA 4931r. 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 culture presented around a seminar format. May be repeated to a maximum of six (6) semester hours.

CLT 3041. Word Building: Greek and Latin Elements in the English Vocabulary (3). An introduction to Greek and Latin elements in English with special attention to word roots and the development of vocabulary through the application of these roots.

CLT 3370. Classical Mythology (3). A survey of Greek-Roman myth and legend, readings from illustrative ancient authors in English translation, approaches to the study of ancient myth.

CLT 3378. Ancient Mythology, East and West (3). This course will deal in a comparative way with the shared elements and influences found in the mythological traditions of selected cultures (e.g. Sumerian, Egyptian, Mayan).

CLT 4291. Greek Tragedy (3). An intensive study of the tragedies of Aeschylus, Sophocles, and Euripides.

CLT 4340. Greek and Roman Epic (3). Study of the principal epics of the classical world in English translation.

CLT 4460. Studies in Ancient Mythology (3). Specific topics in the study of ancient myth and its interpretation. May be repeated to a maximum of six (6) semester hours.

CLT 4905r. Directed Individual Study (1-4). May be repeated to a maximum of nine (9) semester hours.

EUH 4401. Classical Athens and Sparta (3). History of Greece from the beginning to Alexander the Great. Emphasis on the social and political structures of Sparta and Athens.

EUH 4408. The Age of Alexander the Great (3). Study of the Greek world from the death of Alexander (323 B.C.) to the sack of Corinth by Mummus.

EUH 4412. The Roman Republic (3). Study of the history of Rome from its foundation (traditionally 753 B.C.) to the fall of the Roman Republic (31 B.C., The Battle of Actium).

EUH 4413. The Roman Empire (3). The Roman Empire from Augustus to Constantine. Emphasis on the evolution from the principate of the early empire to the monarchy of the late empire.

GRE 1120, 1121. Beginning Greek I, II (4, 4). Introduction to the basic grammar and syntax of classical Greek. Meets the foreign language requirement for the BA degree. No language laboratory required.

GRE 2220. Introduction to Greek Literature (4). Translation and commentary on selected Greek readings. Meets the foreign language requirement for the BA degree. No language laboratory required.

GRW 3104r. Readings in Greek Literature (3). Translation, commentary, and interpretation of selected Greek works. May be repeated to a maximum of six (6) semester hours with change of content.

GRW 4210r. Greek Prose Writers (3). Translation, commentary, and interpretation of readings from Greek prose writers. May be repeated to a maximum of six (6) semester hours.

GRW 4301r. Greek Drama (3). Translation, commentary, and interpretation of selected Greek plays. May be repeated to a maximum of six (6) semester hours.

GRW 4340r. Greek Poetry (3). Translation, commentary, and interpretation of readings from Greek poets. May be repeated to a maximum of six (6) semester hours.

GRW 4500r. Greek Philological Writings (3). Translation, commentary, and interpretation of readings from the Greek philosophers or religious texts. May be repeated to a maximum of nine (9) semester hours.

GRW 4905r. Directed Individual Study (1-4). May be repeated to a maximum of nine (9) semester hours.


LAT 2220. Introduction to Latin Literature (4). Translation and commentary on selected Latin readings. Meets the foreign language requirement for the BA degree. No language laboratory required.

LNW 3211r. Readings in Latin Prose (3-6). Prerequisite: LAT 2220. This course introduces intermediate students to the translation and interpretation of standard Latin prose authors. May be repeated to a maximum of six (6) semester hours.

LNW 3323r. Readings in Latin Poetry (3-6). Prerequisite: LAT 2220. This course introduces intermediate students to the translation and interpretation of standard Latin poets. May be repeated to a maximum of six (6) semester hours.

LNW 4313. Plautus and Terence (3). Translation, commentary, and interpretation of selected plays from Plautus and Terence.

LNW 4314r. Roman Lyric, Elegiac, and Pastoral Poetry (3). Translation, commentary, and interpretation of poetry selected from the Roman elegists, the lyric tradition, and Roman pastoral. May be repeated to a maximum of six (6) semester hours.

LNW 4340r. Roman Epic (3). Translation, commentary, and interpretation of the works of Vergil or the other hexameter poets. May be repeated to a maximum of six (6) semester hours.

LNW 4360r. Roman Satire (3). Translation, commentary, and interpretation of selected readings from Horace and Persius, Juvenal, Martial, Petronius, or Apuleius. May be repeated to a maximum of six (6) semester hours.

LNW 4380r. The Roman Historians and Cicero (3). Translation, commentary, and interpretation of selected works from the Roman historians or Cicero's historical speeches and letters. May be repeated to a maximum of six (6) semester hours.

LNW 4905r. Directed Individual Study (1-4). May be repeated to a maximum of nine (9) semester hours.

LNW 4995r. Tutorial in Latin (1-3). Prerequisites: LNW 3211, 3323; instructor consent. Intensive work by a small number of undergraduates on a specific topic or research problem in Latin studies. May be repeated as topics vary to a maximum of six (6) semester hours.
Graduate Courses

**ARH 5111.** Art and Archaeology of the Bronze Age in the Aegean (3).

**ARH 5119.** Archaeology of Ancient Egypt (3).

**ARH 5125.** Etruscan Art and Archaeology (3).

**ARH 5140.** Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3).

**ARH 5160.** Art and Archaeology of the Early Roman Empire (3).

**ARH 5161.** Archaeology of the Late Roman Empire (3).

**ARH 5174r.** Studies in Classical Art and Archaeology (3).

**ARH 5334r.** Tutorial in Classical Archaeology (1–3).

**ARH 6397r.** Doctoral Seminar in Classical Archaeology (3).

**CLA 5438r.** Studies in Greek History (3).

**CLA 5448r.** Studies in Roman History (3).

**CLA 5789r.** Classical Archaeology: Fieldwork (1–6).

**CLA 5799r.** Seminar in Classical Archaeology (3).

**CLA 5885.** Roman Law (3).

**CLA 5905r.** Directed Individual Study (1–4). (S/U grade only.)

**CLA 5910r.** Supervised Research (1–3). (S/U grade only.)

**CLA 5920r.** Classics Colloquium (1–3). (S/U grade only.)

**CLA 5931r.** Special Topics in Classics (3–9).

**CLA 5936.** Proseminar in Classical Studies (1). (S/U grade only.)

**CLA 5940r.** Supervised Teaching (0–3). (S/U grade only.)

**CLA 5942r.** Internship in Museum Studies (3–6).

**CLA 6932r.** Seminar in Classics (3–12).

**CLT 5295r.** Studies in Greek Tragedy: Aeschylus, Sophocles, and Euripides (3).

**CLT 5345.** Studies in Greek and Roman Epic (3).

**CLT 5379r.** Seminar in Ancient Mythology (3).

**EUH 5407.** Hellenistic Greece (3).

**EUH 5417.** The Roman Republic (3).

**EUH 5418.** The Roman Empire (3).

**FLE 5810.** Teaching Classics (3).

**GRW 5215r.** Studies in the Greek Prose Writers (3).

**GRW 5305r.** Studies in Greek Drama (3).

**GRW 5345r.** Greek Poetry (3).

**GRW 5505r.** Greek Philosophical Writings (3).

**GRW 5906r.** Directed Individual Study (1–4). (S/U grade only.)

**GRW 5909r.** Tutorial in Greek (1–3).

**GRW 6930r.** Seminar in Greek (3).

**LNW 5316r.** Studies in Roman Drama (3).

**LNW 5325r.** Roman Lyric, Elegiac, and Pastoral Poetry (3).

**LNW 5345r.** Studies in Roman Epic (3).

**LNW 5365r.** Studies in Roman Satire (3).

**LNW 5385r.** The Roman Historians and Cicero (3).

**LNW 5906r.** Directed Individual Study (1–4). (S/U grade only.)

**LNW 5932r.** Tutorial in Latin (1–3).

**LNW 6930r.** Seminar in Latin (3).

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

**COGNITIVE SCIENCE:**

*see Graduate Bulletin*

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**Department of COMMUNICATION**

**COLLEGE OF COMMUNICATION**

**Chair:** Stephen D. McDowell; **Professors:** Eveland, Heald, Korzenny, Mayo, Sapolsky; **Associate Professors:** Adams, Arpan, Hauick, Jordan, MacNamara, McDowell, Nudd, Pekurny, Pomper, Raney, Rayburn; **Assistant Professors:** Bunz, Cortese, McClung, Opel, Profitt, Wise; **Associates in Communication:** Lindsay, Solomon, Zeigler; ** Assistants in Communication:** Aronoff, Halvorson, Rodin; **Visiting Assistants in Communication:** Gilmer, Laurens; **Associate Scholars/Scientists:** Davies, Durrie; **Professors Emeriti:** King, Minnick, Wotring, Young.

The Department of Communication offers a degree in communication with five areas of emphasis. These programs are organized according to 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. Accordingly, one 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 Web site at [http://www.comm.fsu.edu/comm](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 communication theory and practice and provides the student with an understanding of the fundamental 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 WYFS, a variety of sports-related programs as part of Seminole Productions, and broadcasts on WFSU-TV, 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 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 Web site for information regarding graduate programs.

**Note:** Students not formally admitted to the Department of Communication are prohibited from enrolling in more than eighteen (18) semester hours of coursework in the Department of Communication (SPC 1016 and SPC 2600 do not count toward this eighteen [18] semester hour limit). Courses available to non-majors are listed in the following section entitled ‘Requirements for a Minor in Communication.’

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer
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 Florida State University, and should apply for admission to the Department of Communication before transferring to Florida State University.

Application Process

Minimum Requirements for Application:

Students applying for admission must:
1. Have an overall GPA of 3.0 or higher on all college coursework to be considered for admission to advertising, public relations, media production, and mass media studies, OR an overall GPA of 2.8 or higher on all college coursework to be considered for admission to communication studies
2. Have passed or been exempted from the CLAST examination by time of application
3. Have completed CLEP scores posted by time of application
4. Have all liberal studies course substitutions approved by the appropriate dean and posted by time of application
5. In addition, students must complete the following requirements by the end of the Spring semester in which they are applying:
   a. A minimum of forty-three (43) semester hours of college coursework accepted by Florida State University
   b. All liberal studies requirements
   c. All Gordon Rule requirements.

The Application

Application information is available on the College of Communication Web site at http://www.comm.fsu.edu.

To be considered for Summer/Fall admission, completed applications must be received by the Department of Communication by the first business day in February at 5:00 PM. Included in the application process must be copies of transcripts from all colleges and universities attended. Late applications will not be accepted.

The Review Process

A faculty committee will review applications and supporting documents of candidates who meet the minimum requirements for application. There are three major criteria by which all undergraduate applications in the Department of Communication will be assessed: GPA in context, strength of experience relevant to the field, and evidence of potential success in a relevant field. More specifically, the faculty members reviewing the applications in all areas will consider the following:

1. GPA in all college coursework
2. Preference for a particular emphasis (i.e. the applicant’s prioritized rank ordering of the emphasis area)
3. Record of academic success in communication and communication-related courses
4. Quality of writing in application materials
5. Well-defined goals and expectations related to the chosen field
6. Previous high school, college, or professional experiences related to the chosen field

(See Department of Communication application for additional information regarding the review process.)

Note: Majors are required to complete a language proficiency requirement prior to graduation. See the section entitled ‘Language Proficiency Requirements’ below.

Retention Standards

The Department of Communication reserves the right to discontinue enrollment of any student in the major at any time if, in the judgment of the faculty, the student does not meet the standards of the department or the major. Specifically, majors in the Department of Communication must maintain an overall University average GPA of 2.8 or they may be placed on probation and may be dropped subsequently from the major.

Requirements for a Major in Communication

Different programs of study specify different graduation requirements that lead to the baccalaureate degree in Communication. Descriptions of each program’s required and elective course sequences are available on the college’s Web site at http://www.comm.fsu.edu.

The Department of Communication has the following requirements for graduation. These requirements are beyond the minimum University requirements and those specified by each emphasis area: 1) meet the department’s language proficiency requirement; 2) only course work with grades of “C-“ or above will count toward a student’s degree in communication; and 3) completion of a minor in an academic area outside the Department of Communication. Students must undergo University and departmental graduation checks. Students who wish to intern must make arrangements with the faculty adviser and submit departmental contracts the semester prior to enrollment. Internship requirements vary by program of study. Only formally admitted communication majors can register for a communication internship.

Language Proficiency Requirement

Students formally admitted into any program in the Department of Communication during or after the 2003 admission cycle must achieve proficiency in one language other than English prior to graduation. As a department, we define “language” in broad terms, understanding that a variety of skills are equally important to the field of communication. To that end, students may fulfill this requirement by taking courses in modern language, sign language, business language, or computer language proficiency. A student taking course work to fulfill the department’s language proficiency requirement must earn at least a “C-“ in each course; courses may not be taken on an S/U basis.

The department’s language proficiency requirement is more extensive than the University’s foreign language admissions requirement. It is important to understand that although completion of two years of high school language courses or two semesters of post-secondary language will satisfy the University’s Admissions Requirement, these courses do not satisfy the Department of Communication’s language proficiency graduation requirements. Please consult the “Admissions” chapter of this General Bulletin for more information.

Modern Language Proficiency. Students may satisfy the language proficiency requirement by completing course work through the 2000 level (2200 or equivalent course) of a classical or modern language. A student taking course work to fulfill the department’s modern language requirement must earn at least a “C-“ in each course; courses may not be taken on an S/U basis. Native speakers of another language and other students who wish to demonstrate proficiency by means other than course work should consult the Department of Modern Languages and Linguistics.
Upon graduation, those students who pursue this option through a spoken language (i.e., French, German, Spanish, Latin, etc.) will receive a bachelor of arts (BA) degree.

**Sign Language Proficiency.** Students may satisfy the sign language proficiency requirement by completing SPA 1612C Beginning Sign Language, SPA 2613C Intermediate American Sign Language, and SPA 2614C Advanced American Sign Language. A student taking course work to fulfill the sign language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Students who wish to demonstrate proficiency for sign language by means other than course work should consult the Department of Communication Disorders. Upon graduation, students who pursue the sign language proficiency option will receive a bachelor of arts (BA) degree.

**Business Language Proficiency.** Students may satisfy the business language proficiency requirement by completing the following course work for a total of nine (9) semester hours: ECO 2013 Principles of Macroeconomics, ECO 2023 Principles of Microeconomics, and one (1) of the following: STA 2023 Fundamental Business Statistics, or STA 2122 Introduction to Applied Statistics. A student taking course work to fulfill the department’s business language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Upon graduation, students who pursue the business language proficiency option will receive a bachelor of science (BS) degree.

**Computer Science Proficiency.** Students may satisfy the language proficiency requirement by completing any two of the following courses: CIS 3931 Intermediate Topics in Computer Science, or CGS 3416 Java Programming for Non-specialists. Students taking CGS 3408 may also complete the computer language requirement by taking the following as their second and third courses: CGS 4406 Object Oriented Programming in C++ or COP 3330 Object Oriented Programming; and CIS 4930r Special Topics in Computer Science. A student taking course work to fulfill the department’s computer language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Upon graduation, students who pursue the computer language proficiency option will receive a bachelor of science (BS) degree.

**Note:** There are math prerequisites for some of these courses. These must 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. 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 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 “College of Motion Picture, Television, and Recording Arts” chapter of this General Bulletin, or the departmental Web site at [http://www.fsu.edu/~film](http://www.fsu.edu/~film).

The Department of Communication also offers a minor in hispanic marketing communication, and an Honors minor in London. Please contact the department for more information.

**Description of Emphasis Areas**

**Advertising and Public Relations**

- **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 retake any course with a grade below “C–”.
- **Required Minor.** A minor (or second major), approved by your adviser, is required. All minor work must be in a department other than the Department of Communication. All work counted toward the minor must carry a grade of “C–” or better. Requirements for the minor are established by the minor department and can be found in this General Bulletin. Suggested minors include: business, psychology, English, journalism (at FAMU), political science, social science, an interdepartmental minor, and others, depending upon one’s career objectives.
- **Internship.** Advertising and public relations students are required to earn internship hours. Please see our Web site at [http://www.comm.fsu.edu](http://www.comm.fsu.edu) for more information regarding this requirement.

**Course Requirements for the Advertising and Public Relations Emphasis Areas**

A listing of specific courses and requirements is available at [http://www.comm.fsu.edu](http://www.comm.fsu.edu).

**Communication Studies**

- **Career and Educational Goals.** Students graduating in this emphasis area should have a solid liberal arts education with an emphasis in communication studies. Degrees in communication studies are applicable to a number of fields including law, ministry, speech writing, management, and lobbying.
- **Major Hours Required.** Thirty-six (36) semester hours. Students must retake any course with a grade below “C–”.
- **Required Minor.** A minor (or second major), approved by your faculty adviser, is required. All minor work must be in a department other than the Department of Communication. All work counted toward the minor must carry a grade of “C–” or better. Requirements for the minor are established by the minor department and can be found in this General Bulletin. Recommended minors include: English, political
Course Requirements for the Communication Studies Emphasis

A listing of specific courses and requirements is available at [http://www.comm.fsu.edu](http://www.comm.fsu.edu).

Mass Media Studies and Media Production

- **Career and Educational Goals.** Students with an emphasis in mass media studies and media production typically pursue management or production careers in broadcasting, cable, advertising, video production, arts and entertainment, 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, video production, video editing, and developing media plans.
- **Focus Areas.** Students interested in the mass media emphasis may focus in one of two areas: mass media studies or media production. A limited number of students are accepted annually into the media production emphasis area.
- **Major Hours Required.** Thirty-nine (39) semester hours are required in the mass media studies area. Forty-two (42) semester hours are required in the media production area. Students must retake any course with a grade below “C–.”
- **Required Minor.** A minor (or second major), approved by the student’s faculty adviser, is required. All work must be in a department other than the Department of Communication. All work counted toward the minor must carry a grade of a “C–” or better. Requirements for the minor are established by the minor department and can be found in this General Bulletin. Recommended minors include: business, education, English, political science, psychology, theatre, journalism (at FAMU), sociology, criminology, social sciences, American studies, or British studies (the Florida State University London Program). A fifteen (15) semester hour interdepartmental minor is also possible, provided the course work is outside of the Department of Communication and is approved in advance by the faculty adviser and department chair.
- **Internship.** An internship (COM 4945) is strongly recommended. A student may enroll for up to twelve (12) semester hours of internship, but a maximum of nine (9) semester hours may be credited toward the major.

Course Requirements for the Media Studies and Media Production Emphasis

A specific listing of courses and requirements is available at [http://www.comm.fsu.edu](http://www.comm.fsu.edu).

**Definition of Prefixes**

**ADV**—Advertising  
**COM**—Communication  
**FIL**—Film  
**MMC**—Mass Media Communication  
**ORI**—Oral Interpretation  
**PUR**—Public Relations  
**RTV**—Radio-Television  
**SED**—Speech Education  
**SPC**—Speech Communication

**Undergraduate Courses**

**ADV 3001.** Creative Strategy I (3). A foundation class in advertising where creativity is emphasized and developed.  
**ADV 3008.** Principles of Advertising (3). Advertising and promotion as related to local economic growth, cultural influences, and sociological environments.  
**ADV 3310.** Mass Media Law (3). Comprehensive review of rules, regulations, and laws affecting the advertising and broadcast industries as well as other forms of mass media. Includes review of libel, slander, invasion of privacy, gathering of information, and copyright law.  
**ADV 3410.** Hispanic Marketing Communication (3). This course prepares undergraduate students to become educated decision makers and consumers of information regarding Hispanic marketing communications issues.

**COM 3005.** Media Planning (3). Prerequisite: ADV 3008; COM 3310/3310L. Coordination of advertising and marketing research, planning, creative strategy, and selection of media and production activities leading to the development of advertising campaigns.  
**ADV 4500.** Advertising Research (3). Prerequisite: ADV 3008. Survey, observational, and experimental methods and processes. Research design, planning, questionnaire construction, sampling, validity measurements, field work, tabulations, presentation, and interpretation.  
**ADV 4600.** Creative Strategy II (3). Prerequisites: ADV 3008, 3001; COM 3310, 3310L. Creative and empathetic skills necessary in communicating via print and electronic media; utilizing these skills in creating integrated advertising campaigns.

**COM 3110.** Communication for Business and the Professions (3). This is a workplace-oriented course that provides practical education and experience in the performance of informative, persuasive, and special occasion speeches through individual and group presentations. Fulfills OCCR requirement.  
**COM 3120.** Communication for Organizing (3). Communication and group problem solving.  
**COM 3310.** Communication Research Methods (3). Prerequisites: STA 2023, STA 2122. Corequisite: COM 3310L. Introduction to communication research methods. Examines survey, experimental, observational, and content analysis methods. Philosophy of science, research design, measurement, sampling, data collection, analysis, 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 research practiced using computer technology.  
**COM 3332.** New Communication Technology and Contemporary Society (3). Relates the design, development, and the use of new communication technologies to social, economic, and policy implications.

**COM 3510.** Political Communication and Campaigning (3). Campaigns, elections, and American politics in a communication framework; planning campaign strategies.  
**COM 3930r.** Special Topics in Communication (3). An analysis of specialized topics of current concern in communication. May be repeated to a maximum of six (6) semester hours; duplicate registration allowed.  
**COM 3940r.** Cooperative Education Work Experience (0). (SU only.)  
**COM 3950r.** Communication Activities (1). (SU only.) May be repeated to a maximum of four (4) semester hours; duplicate registration allowed.  
**COM 4121.** Foundation of Organizational Communication (3). The course explores the use of communication in conjunction with the theory and practice of PM/OM for increasing productivity and analyzing performance problems.  
**COM 4123.** Introduction to Assessing Organizational Communication (3).  
**COM 4330.** Communication and the Internet (3). Develops technical and communication skills in Internet-based communication technologies. Hands-on survey of Internet technologies with focus on communication issues, problems, and competencies. Lecture and lab.  
**COM 4465.** Communication and Conflict (3). Introduces students to the theory and practice of conflict resolution with emphasis on the role of communication.  
**COM 4470.** Desktop Multimedia (3). Overview of operations and applications of software packages; principles of design and presentation for print-based as well as audio-visual productions.  
**COM 4480.** Legal Communication (3). An analysis of how communication affects and is affected by our legal institutions and processes.  
**COM 4481.** The Attorney, Client, Pretrial Communication (3). Course introduces students to the core elements of the attorney-client relationship across a variety of contexts and the numerous elements of pretrial communication and preparation.

**COM 4822.** Courtroom and Jury Persuasion (3). Course introduces students to the nature and implications of effective courtroom persuasion and the process of jury analysis and jury selection.  
**COM 4905r.** Directed Individual Study (1–3). (SU only.) Instructor approval required. May be repeated to a maximum of eight (8) semester hours; duplicate registration allowed.  
**COM 4909r.** Honors Work (1–4). For students in the honors program who are working on an honors thesis. May be repeated to a maximum of nine (9) semester hours; duplicate registration not allowed.
S/U grade only. Instructor approval required. Experience in methods and strategies of research in communication concepts. Individually designed to accommodate student’s background and objectives. May be repeated to a maximum of four (4) semester hours; duplicate registration allowed.

COMM 4930r. Undergraduate Seminar in Communication (3). Explore advanced communication issues with an emphasis on research. May be repeated to a maximum of six (6) semester hours; duplicate registration allowed.

COMM 4935r. Honors Preparatory Seminar (3). Instructor approval required. Preparatory seminar for undergraduate Honors in the Major. Includes survey of subfields, faculty research, and performance of oral presentations. May be repeated to a maximum of three (3) semester hours; duplicate registration allowed.

COMM 4941r. Application of Institutional Methods (1–3). (S/U grade only.) To provide experience in methods and strategies of teaching communication concepts within the University context. Individually designed to accommodate student’s background and objectives. Instructor approval required. May be repeated to a maximum of three (3) semester hours; duplicate registration not allowed.

COMM 4945r. Communication Internship (1–12). (S/U grade only.) Faculty adviser’s approval required. Supervised practical experience will direct student actors in a workshop setting. Actors and directors will gain experience in the production of computer-generated graphics and animation for video projects. May be repeated to a maximum of six (6) semester hours.

COMM 3000. Electronic Media Audience Measurement (3). Prerequisite: ADV 3008; 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 3260. Single-Camera Video Production (3). Prerequisite: RTV 3101, 3260, 3263. This course offers instruction in the theory and practice of production of non-fiction documentary video. Students produce a final video product after studying the documentary tradition, theory, and history.

RTV 3262. Television Practicum (3–6). Prerequisites: RTV 3220, 3260. Producing and directing television programs and video projects. May be repeated to a maximum of six (6) semester hours.


RTV 3265. Narration Writing for Television and Film (3). Development and writing of fictional scripts for television and film.

RTV 3262r. 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 programs and video projects. May be repeated twice to a maximum of three (3) semester hours.

RTV 3262r. 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 and applied experiences. Applications of the course may be flexible. 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 program production and broadcasting. May be repeated to a maximum of six (6) semester hours.


RTV 3920. Television Workshop for non-Majors (1–3). (S/U grade only.) 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.


MMC 405r. Marketing and Change: The Diffusion of Innovations (3). An analysis of the process of change in developing countries, particularly from the standpoint of how communication is used in the introduction, spread, and adoption of new ideas.

MMC 4062. Society (3). Prerequisites: MMC 2000 or RTV 3003. An analysis of the effects of mass media on public opinion and behavior. A review of social science research exploring the impact of TV on children and others.

ORI 3004. Persuasion (3). Students collect, analyze, and perform personal narratives and everyday conversations.

ORI 3110. Performance of Contemporary Literature (3). Analysis of and practical experience in the performance of poetry and prose.

PUR 3000. Public Relations (3). Designed to introduce the student to the principles and practices of the public relations profession throughout all organizations using public relations.


PUR 3100. Writing for Public Relations (3). Corequisite or prerequisite: PUR 3000. Designed to develop professional-level writing skills for public relations.

PUR 3303. Public Relations Proseminar (1). (S/U grade only.) Corequisite: PUR 3000. Public relations majors must register for the proseminar on admission to the program. They are to become active in FPRA, PRSSA, or WIC and remain active during undergraduate work.

PUR 4600. Public Relations Management: Cases and Campaign Strategies (3). Prerequisites: PUR 3000, 3002, 3100. Designed to focus on the management function of public relations. Focuses on comprehensive case studies and campaign strategies. Field production including camera, audio, lighting, and production planning using the crew system.

RTV 3255r. Video Workshop (1–3). (S/U grade only.) Prerequisite: Communication major status. This course provides students an opportunity 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 3233r. Multiple Camera Video 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 one-on-one interviewing and hosting and is the foundation for television and cable news programs, including research and writing components.

RTV 3260. Single-Camera Video Production (3). Prerequisite: RTV 3220. Course addresses direction and production of single-camera video projects including camera, lighting, audio, and linear editing.

RTV 3263. Video Post Production (3). Prerequisite: RTV 3220. Advanced editing and post production techniques applied to field and studio projects. Emphasis on digital non-linear editing applications.


RTV 3265. Narration Writing for Television and Film (3). Development and writing of fictional scripts for television and film.
Graduate Courses

**ADV 5415.** Hispanic Marketing Communication (3).
**ADV 5503.** Media Consumer Behavior (3).
**ADV 5505.** Media Market Research (3).
**ADV 5605.** Account Planning (3).
**COM 5126.** Organizational Communication Theory and Practice (3).
**COM 5127.** Assessing Organizational Communication (3).
**COM 5305r.** Interactive Communication Research (1–3).
**COM 5312.** Research Methods in Communication (3).
**COM 5314.** Measurement of Listener-Viewer Attitude and Response (3).
**COM 5316.** Statistical Methods in Communication Research (3).
**COM 5317.** Content Analysis in Communication Research (3).
**COM 5331.** Computers in Communication Research (3).
**COM 5336r.** Interactive-Media Programming and Design (3).
**COM 5337.** Interactive Programming and Design for CD-ROM (3).
**COM 5338.** Desktop Multimedia (3).
**COM 5339.** Interactive Programming and Design for the Web (3).
**COM 5340.** Historical-Critical Methods of Research (3).
**COM 5401.** Analysis of Communication Theory (3).
**COM 5450.** Introduction to Project Management (3).
**COM 5451.** Advanced Topics in Project Management (3).
**COM 5467.** System Thinking and Project Management (3).
**COM 5469.** Communication Planning and Dispute Resolution (3).
**COM 5526.** Marketing Communication Management (3).
**COM 5546.** Political Communication (3).
**COM 5906r.** Directed Individual Study (3). (S/U grade only.)
**COM 5911r.** Supervised Research (1–5). (S/U grade only.)
**COM 5920r.** Colloquium in Communication (0–1). (S/U grade only.)
**COM 5940r.** Supervised Teaching (1–5). (S/U grade only.)
**COM 5946r.** Communication Residency (1–6). (S/U grade only.)
**COM 6400r.** Seminar in Communication Theory (3).
**COM 6403r.** Advanced Problems in Communication Theory and Research (2–8).
**COM 6900.** Preparation for the Preliminary Examination (2–4). (S/U grade only.)
**COM 6931r.** Special Topics in Communication Research (3).
**MMC 5305.** Comparative Systems of Mass Communication (3).
**MMC 5600.** Mass Communication Theory and Effects (3).
**MMC 6469.** The Diffusion of Innovations (3).
**MMC 6920r.** Colloquium in Mass Communication (3).
**RTV 5253.** New Communication Technology Theory and Research (3).
**RTV 5325.** Documentary Video Production (3).
**RTV 5702.** Communication Regulation and Policy (3).
**RTV 6425r.** Advanced Seminar in New Communication Technologies (3–6).
**SED 5346.** Teaching Oral Communication Courses (3).
**SPE 5234.** Classical Theories of Rhetoric (3).
**SPE 5442.** Group Dynamics and Leadership (3).
**SPE 5545.** Studies in Persuasion (3).
**SPE 5614.** Criticism of Contemporary Public Address (3).
**SPE 5655.** Political Rhetoric: Language and Persuasion (3).
**SPE 6236.** Contemporary Rhetorical Theory and Criticism (3).
**SPE 6306.** Contemporary Topics in Interpersonal Communication (3).
**SPE 6920r.** Colloquium in Speech Communication (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
nursing; nutrition, food and exercise sciences; physical education; psychology; social work; special education; human services and studies; and curriculum and instruction.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in communication disorders satisfy this requirement by earning a grade of “C–” or higher in CGS 2082.

Requirements for an Undergraduate Major in Communication Disorders

Students normally enter the program at the junior level and must have a minimum grade point average (GPA) of 2.8 for all course work, have successfully completed Florida State University’s liberal studies requirements, and have passed or been exempted from the CLAST. Admission to Florida State University does not ensure admission to the Department of Communication Disorders, nor does attainment of the minimum grade point average. Formal application to the department is required of all entering majors. Non-FSU or transfer students also must apply to the University. Normally, admission is for the Fall semester. All materials necessary for admission applications must be submitted directly to the department by March 1st. Students are recommended to include MAC 1105 and STA 2122 in their pre-major course work.

Students admitted into the Department of Communication Disorders undergraduate program will be required to become proficient in one language other than English prior to graduation. Proficiency is defined as a letter grade of “C–” or better per course in a modern or classical foreign language through the intermediate level (a language course numbered 2220 or its equivalent) or a letter grade of “C–” or better in American Sign Language courses through the advanced level (SPA 2614C). Students may not take ASL courses for S/U or P/F grades. Native speakers of another language and other students who wish to demonstrate proficiency by means other than course work should consult the Department of Modern Languages and Linguistics, or for American Sign Language, the Department of Communication Disorders.

Fulfilling the language requirement for the department will partially fulfill the University requirements for a bachelor of arts degree. To earn a BA degree, a student must complete the language requirement and take an additional nine (9) semester hours in the fields of humanities or history beyond the liberal studies requirements. Please consult the “Undergraduate Degree Requirements” section of this General Bulletin for more information. If the additional nine semester hours in humanities or history are not present on the student record at the point of graduation, the student could earn a bachelor of science (BS) degree.

Please note that the department’s classical or modern foreign language requirement is more extensive than the University’s foreign language admission requirement. It is important to understand that, although completion of two years of high school foreign language courses or two semesters of post secondary foreign language will satisfy the University’s admission requirement, these courses do not satisfy the Department of Communication Disorders foreign language graduation requirement for BA/BS students.

The curriculum leading to the baccalaureate degree combines liberal arts education with preprofessional preparation for the graduate program in the department or elsewhere. At the undergraduate level, students are provided experiences relating to the basic processes of hearing, language, and speech. The junior-year course offerings focus on the basic science and developmental foundations considered prerequisite for the specialty curricula initiated during the senior year. To qualify for graduation from the major, all undergraduates in communication disorders must earn a grade of “C–” or better for each required major course and must have an overall GPA of at least 2.0 in major course work.

Speech-language pathology courses cover the nature, evaluation, and treatment of problems of articulation, language, fluency, voice, neurophysiological, and structural disorders affecting speech and language. Audiology courses are concerned with the identification, measurement, evaluation, and rehabilitation of persons with hearing impairments.

Studies in communication science concern analysis and measurement of components of the production, transmission, and reception of the speech signal.

Undergraduate students learn anatomy and physiology of the speech and hearing mechanisms; sound and its perception; the development of language and communication systems; the components of the English sound system; the neurological bases of speech, language, and hearing; sign language; strategies for clinical intervention; diagnostic/evaluation strategies in speech, language, and hearing; basic concepts related to 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 in Audiology and Speech-Language Pathology and prepares students to work in hospital, clinical, school, or private settings with a variety of developmental and acquired communication disorders.

Requirements for a Minor in Communication Disorders

Requirements for an undergraduate minor in communication disorders are fourteen (14) semester hours in departmental courses, with a grade of “C–” or better in each course. At least six (6) of the fourteen (14) semester hours must be completed at Florida State University. No more than eight (8) hours of sign language may count toward the minor.

Sign language courses used to satisfy the foreign language requirement cannot count toward the minor. Departmental approval must be obtained to register for certain courses in the minor. The minor application can be found at http://www.comm.fsu.edu/commdis or by contacting the department’s Academic Program Assistant at 644-2253. This form must be completed and signed by a student’s academic adviser before it is submitted to the department. Please note that a minor in the department does not qualify a student to apply for our graduate program in speech-language pathology nor for professional certification or licensure.

Definition of Prefixes

CGS—Computer General Studies
LIN—Linguistics
SPA—Speech Pathology and Audiology

Undergraduate Courses

CGS 2082. Computer Use in Communication Disorders (2). Introduction to computer use for students in communication disorders. Students develop competency in use of word processing, spreadsheet, and presentation software and in merging and inserting material across file types. Students learn effective ways to use search engines for scholarly material, to evaluate material from the Web and to share files.


LIN 3200L. Fundamentals of Phonetics Laboratory (1). Prerequisite: Communication disorders majors only. Corequisite: LIN 3200 Laboratory for LIN 3200.

LIN 3710. Normal Communication Development (3). Presents an overview of the cognitive, social, and neurological bases of communication development. Delineates 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. May not be taken for S/U or P/F grade; must be taken for letter grade only.

SPA 2220 or its equivalent) or a letter grade of “C–” or better in American Sign Language courses through the intermediate level (a language course numbered more than eight (8) hours of sign language may count toward the minor. Sign language courses used to satisfy the foreign language requirement cannot count toward the minor. Departmental approval may be obtained to register for certain courses in the minor. The minor application can be found at http://www.comm.fsu.edu/commdis or by contacting the department’s Academic Program Assistant at 644-2253. This form must be completed and signed by a student’s academic adviser before it is submitted to the department. Please note that a minor in the department does not qualify a student to apply for our graduate program in speech-language pathology nor for professional certification or licensure.

Undergraduate Courses

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LIN 3200L. Fundamentals of Phonetics Laboratory (1). Prerequisite: Communication disorders majors only. Corequisite: LIN 3200 Laboratory for LIN 3200.

LIN 3710. Normal Communication Development (3). Presents an overview of the cognitive, social, and neurological bases of communication development. Delineates 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. May not be taken for S/U or P/F grade; must be taken for letter grade only.

SPA 2220 or its equivalent) or a letter grade of “C–” or better in American Sign Language courses through the intermediate level (a language course numbered more than eight (8) hours of sign language may count toward the minor. Sign language courses used to satisfy the foreign language requirement cannot count toward the minor. Departmental approval may be obtained to register for certain courses in the minor. The minor application can be found at http://www.comm.fsu.edu/commdis or by contacting the department’s Academic Program Assistant at 644-2253. This form must be completed and signed by a student’s academic adviser before it is submitted to the department. Please note that a minor in the department does not qualify a student to apply for our graduate program in speech-language pathology nor for professional certification or licensure.

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LIN 3200L. Fundamentals of Phonetics Laboratory (1). Prerequisite: Communication disorders majors only. Corequisite: LIN 3200 Laboratory for LIN 3200.

LIN 3710. Normal Communication Development (3). Presents an overview of the cognitive, social, and neurological bases of communication development. Delineates 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. May not be taken for S/U or P/F grade; must be taken for letter grade only.

SPA 2220 or its equivalent) or a letter grade of “C–” or better in American Sign Language courses through the intermediate level (a language course numbered more than eight (8) hours of sign language may count toward the minor. Sign language courses used to satisfy the foreign language requirement cannot count toward the minor. Departmental approval may be obtained to register for certain courses in the minor. The minor application can be found at http://www.comm.fsu.edu/commdis or by contacting the department’s Academic Program Assistant at 644-2253. This form must be completed and signed by a student’s academic adviser before it is submitted to the department. Please note that a minor in the department does not qualify a student to apply for our graduate program in speech-language pathology nor for professional certification or licensure.
SPA 2613C. Intermediate American Sign Language (4). Prerequisite: SPA 1612C. This course is designed to expand the student’s comprehension and production of American Sign Language with a primary emphasis on dialogue. Focus is on increased vocabulary, conceptual accuracy, verb inflections, and ASL idioms. May not be taken for S/U or P/F grade; must be taken for letter grade only.

SPA 2614C. Advanced American Sign Language (4). Prerequisite: SPA 2613C. This course is designed to produce a fluent sign language user with high-level encoding (production), decoding (reception), and pragmatic skills (cultural rules for conversation) when signing dialogues and narratives. May not be taken for S/U or P/F grade; must be taken for letter grade only.

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 2631. 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 are included.

SPA 3009. Introduction to Language Development and Communication Disorders (3). Normal language and speech development. Overview of major communication disorders and their causes and the nature of hearing disabilities. Nonmajors only.

SPA 3032. Speech, Language, Hearing Disasters and Services (3). This introductory course provides an overview of speech, language, and hearing disorders and services across the life span. Students gain knowledge of service delivery models for assessment, intervention, and prevention of communication differences and disorders through reading, observation of clinical practice, and class participation in experiential learning activities.

SPA 3201. Phonological Development and Disorders (3). Prerequisite: LIN 3200C. Types of articulation problems and their etiologies; diagnostic techniques for articulation. A laboratory is required.

SPA 3301r. Applications of Research in Communication Sciences and Disorders (1–3). This course teaches research concepts and skills through practical experiences. Students apply research techniques while assisting with activities in various research settings, through simulations in the classroom, and through individual projects.

SPA 3494. Cooperative Education Work Experience (5). (S/U grade only.)

SPA 4011C. Cooperative Education in Communication Sciences and Disorders (4). Basic acoustics and speech acoustics including frequency, intensity, duration, and wave composition and their psychological correlates, pitch, loudness, time, and sound quality. Lectures, demonstrations, and required laboratory project.

SPA 4050r. Clinical Observation and Practice (3). (S/U grade only.) Prerequisites: SPA 2301, 4302, 4400. Supervised practice in therapeutic procedures with persons with various speech-language problems. May be repeated to a maximum of three (3) semester hours. Students may enroll in more than one section during the same semester.

SPA 4056. Clinical Methods (3). This course introduces students to clinical practice of speech-language pathology. Students become acquainted with the principles of assessment, application of diagnostic information, intervention planning, intervention strategies and techniques, service delivery options, and data collections. Students also gain an understanding of team membership and are introduced to the skills necessary for team building.

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 4255. Developmental Communication Disorders (3). Course content places disorders in developmental perspectives of causality. Course introduces identifying characteristics, and presents an overview of procedures for evaluation and treatment. Topics include cultural and linguistic diversity, evidence-based practice, and current trends in the discipline.

SPA 4257. Acquired Communication Disorders (3). This course introduces the principles involved with diagnosis and treatment of adults with communication disorders. Students in this course develop a fundamental knowledge of voice disorders, dysphagia, head and neck cancer, neurogenic communication disorders, motor speech disorders, language disorders, and cognitive-linguistic disorders.

SPA 4302. Introduction to Clinical Audiology (3). An introduction to disorders of hearing and the measurement of hearing loss by pure-tone, speech, and impedance audiometry.

SPA 4302L. Introduction to Clinical Audiology Laboratory (1, S/U grade only.) Prerequisite or Corequisite: SPA 4302. This course is the practical application of the techniques learned in SPA 4302.

SPA 4321. Aural (Re)habilitation I (3). Prerequisite: SPA 4302. Diagnostic-evaluation and (re)habilitation techniques.

SPA 4400. Children’s Language Disorders (3). Prerequisite: LIN 3710. Introduction to etiologies, behavioral observations, tests, and basic management procedures of language impairment.

SPA 4411. Acquired Language Disorders (3). Prerequisites: LIN 3710, SPA 4104. Provides the student with the etiological, diagnostic, prognostic, psychosocial, and clinical management aspects of aphasia, apraxia, and dementia; also includes communication problems of patients with right hemisphere damage.

SPA 4431. Nature of Autism and Severe Communication Disorders (3). The purpose of this course is to provide class participants with an overview of the characteristics and etiology of autism spectrum disorders and the knowledge needed to develop effective communication and language assessment and intervention strategies for individuals with autism and severe communication disabilities.

SPA 4556. Practicum in Developmental Disabilities (3). This course is designed to provide a field experience for undergraduate students to gain an understanding of the services available to help people with developmental disabilities. May be repeated to a maximum of six (6) semester hours.

SPA 4600. 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 during the same semester.

SPA 4930r. Undergraduate Seminar in Communication Disorders (1–3). Prerequisite: Consent of instructor. A seminar to provide undergraduate students with information on critical issues in the profession or information on innovative methodologies in the remediation of communication disorders. May be repeated to a maximum of six (6) semester hours.

SPA 4970r. Honors Thesis in Communication Disorders (1–6). Prerequisites: Admission to honors program and Department of Communication Disorders. Course is available to seniors who are majoring in communication disorders and who are interested in undertaking independent and original research under the direction of a faculty member whose area of expertise matches the student’s 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 5204. Phonological Disorders (3).

SPA 5211. Voice Disorders (3).

SPA 5225. Fluency Disorders (3).

SPA 5230. Motor Speech Disorders (3).

SPA 5252. Speech Production and Swallowing Disorders (3).

SPA 5254. Acquired Neurolinguistic and Cognitive Disorders (3).

SPA 5256. Developmental Speech Disorders (3).

SPA 5305r. Measurement and Management of Impaired Hearing (1–3).

SPA 5322. Advanced Aural (Re)habilitation (3).

SPA 5401. Communication Intervention: Infants and Preschoolers (3).

SPA 5403. Language-Learning Disabilities in School-Age Children (3).

SPA 5432. Autism and Severe Communicative Disabilities (3).

SPA 5436. Nature of Autism (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 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 5554. Counseling in Speech-Language Pathology (3).

SPA 5554Lr. Supervision and Counseling in Communication 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 5566. Communication for Persons Deaf and Hard of Hearing (3).

SPA 5906r. Directed Individual Study (1–3). (S/U grade only.)

SPA 5910r. Supervised Research (1–5). (S/U grade only.)

SPA 5940r. Supervised Teaching (1–5). (S/U grade only.)

SPA 5944. Speech-Language Pathology Internship (1–12). (S/U grade only.)

SPA 5610. Seminar in Experimental Phonetics (1–3).

SPA 6231r. Seminar in Neuropathologies (1–3).

SPA 6434r. Seminar on Developmental Disabilities (1–3).

SPA 6804. University Academic and Clinical Teaching Colloquium (0–2). (S/U grade only.)

SPA 6805r. Seminar in Clinical Research Methods (3).

SPA 6825r. Seminar in Speech Pathology (1–3).

SPA 6841r. Seminar in Language (1–3).

SPA 6900r. Readings for the Preliminary Examination (1–6). (S/U grade only.)

SPA 6930r. Seminar in Special Topics (1–3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of COMPUTER SCIENCE

COLLEGE OF ARTS AND SCIENCES
Chair: David Whalley; Professors: Aggarwal, Baker, Burmester, Gallivan, Hawkes, Kohout, Mascagni, Whalley; Associate Professors: Banks, Liu, Schwartz, Tyson, Van Engelen, Yasinac, Yuan; Assistant Professors: De Medeiros, Duan, Kumar, Srinivasan, Wang; Courtesy Professors: Conrad, Desmedt, Evans, Jones; Associates in Computer Science: Baldauf, Ford, Langley, Myers; Assistants in Computer Science: Chang, Lacher, Leach, Stocklein; Assistant Scholar/Scientist: LeVan, Leach, Lacher, Levitz.

In computer science education, whether graduate or undergraduate, currency is essential. Computer science is an exceptionally fast-moving field where knowledge is subject to rapid obsolescence and ideas progress swiftly from research to practice. The department therefore seeks to offer technical instruction that stays on the cutting edge of new developments while simultaneously providing each student with a core of intellectual tools that will never become obsolete. The department views skills in communication, mathematics, and algorithmic reasoning as central and the understanding of underlying principles as more important than familiarity with specific technical products. Still, direct hands-on experience is essential to mastering these skills and principles. If students are to be adequately prepared for careers in computer science, they should have extensive experience with machines and software that are state-of-the-art.

The Department of Computer Science offers undergraduate and graduate programs leading to the bachelor of science and bachelor of arts degrees, and the master of science and doctor of philosophy degrees. The department has a number of active research programs in a) core disciplines such as programming languages, compilers, real-time systems, networks, parallel computation, databases, fault tolerance, and foundations; b) scientific and engineering applications areas, including scientific problem solving environments and large-scale scientific computation and databases; c) computer and network security, including cryptography; and d) other areas, including neural networks, expert systems, networks, and fuzzy sets and systems. These research programs enjoy external support from agencies ranging from the National Science Foundation to the private sector.

Several research institutes and research centers have been established at the University. Several of our faculty members work closely with one of these, the School of Computational Science (SCS). It was established as a University-based multidisciplinary program to develop new algorithms and numerical methods to exploit various supercomputer architectural characteristics. Partially funded by the U.S. Department of Energy, SCS consists of scientists, postdoctoral research fellows, graduate students, and supporting technical and administrative staff.

The Department of Computer Science has a full range of computing facilities available for a variety of instructional and research needs. Faculty and students share multiple groups of high-performance workstations, file servers, and computer servers over departmental LANs. Students and faculty whose research requires greater computational power have a variety of such research equipment and may access other machines, including supercomputers and computer clusters, across the University.

Other affiliated research laboratories and research groups include the following:

- The Security and Assurance in Information Technology (SAIT) Laboratory is dedicated to synthesis of education and research through the combined focus on theory and application of information security techniques.
- The Architecture, Compilers and Embedded Systems (ACES) Laboratory investigates a wide variety of issues related to its namesake fields. Tools are also constructed to assist architects and compiler writers for these investigations.
- The Vision (CAVIS) Laboratory conducts research motivated by psychophysical data and neurophysiological findings to develop models for real-world problems.

- The Large-scale Experimental Networks and Systems (LENS) Group investigates issues in networking and systems such as QoS routing, communication algorithms, overlay networks, performance analysis, and message passing libraries.
- The Florida Cybersecurity Institute (FCI) is a joint venture of the Florida Department of Law Enforcement (FDLE), Florida State University (FSU), and the National White Collar Crime Center (NW3C). It conducts research and educational activities in support of cybersecurity and cybercrime analysis and investigation.

Active research groups also study the following: brain imaging, realistic illumination, Web-based 3D simulation, tools for distributed applications, tools for weather forecasting, probabilistic networks, knowledge-based management decision tools, random number generation, Monte Carlo and Quasi-Monte Carlo methods, grid-based computing, POSIX/Ada Real-time systems, application of fuzzy relations and non-classical logics, and modeling and simulation environments.

Degrees Offered

The Department of Computer Science offers programs leading to the bachelor of science (BS) and bachelor of arts (BA) degrees, the master of science (MS) and master of arts (MA) degrees, and the doctor of philosophy (PhD) degree in computer science (CS). At the bachelor and master levels, programs of study are available for those who plan to work toward higher degrees, as well as for students planning on careers as computing professionals. The department also offers a combined BS/MS degree program, designed for academically strong students who wish to pursue an accelerated program culminating in a BS and a MS degree in computer science. Students who have reached junior status and have at least a 3.5 GPA (overall and in CS/mathematics courses) should contact the departmental adviser for more information.

The department also offers a major in computational biology in conjunction with the Department of Biological Science. The purpose of this interdisciplinary major is to provide a top-notch educational program for students interested in the areas of computational biology and bioinformatics. The program seeks to achieve two goals: 1) to develop an understanding of the issues associated with developing biologically meaningful computational models, and 2) to give students the broad-based education that is needed to create a set of models directed toward solving a practical biomedical problem.

Accreditation

The undergraduate program in computer science is accredited by the Computer Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD, 21202-4012; (410) 347-7700.

Distance Learning

The undergraduate major in software engineering is available through Internet-supported distance learning. Certain limitations regarding students seeking admission to upper-division studies in the Computer Science Department apply. For more information contact Florida State University’s Office for Distributed and Distance Learning at http://www.oddl.fsu.edu.

Honors in the Major

The Department of Computer Science offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in computer science satisfy this requirement by earning a grade of “C-” or higher in COP 4530.
State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. COP XXXX (introductory programming in Ada, C, C++, or PASCAL or equivalent language)
2. MAC X311
3. MAC X312
4. PHY X048/X048L or PHY X048C
5. PHY X049/X049L or PHY X049C
6. Two science courses (six [6] semester hours) for science majors

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Requirements for Majors in Computer Science

The undergraduate program in computer science is limited access. For each admission cycle (academic year) a minimum GPA is established by the Department of Computer Science. In addition, students must have completed the State of Florida Common Course Prerequisite (MAC X311 and COP XXXX, Introductory Programming in C/C++ or Java) with a grade of “C-” or better in order to be considered for entrance. Upon entrance into the program, the student must maintain a 2.35 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 at 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 CS bachelor’s degree: computer science (CS), and software engineering (SE). (SE is currently only offered by Distance Learning and on the Panama City campus.) In the following listing of requirements, courses that are required for only one major are marked with the major abbreviation in parentheses.

A grade of “C-” or better must be earned in each of the following courses:
- CDA 3100, 3101; CEN 4010 (SE); COP 3014, 3330, 3331, 3344, 4020 (CS); 4530, 4531, 4610, 4710; COT 4420(CS), 4425(SE); MAC 2311, 2312; MAD 2104, 3105; SPC 2600; STA 4442; another advanced mathematics, statistics, or theoretical computer science course approved by the department, with a prerequisite of calculus or discrete mathematics.

In addition, the student must complete at least twelve (12) semester hours of computer science electives, at least nine (9) semester credit 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. All CGS courses, individual instruction courses such as CIS 3949r Internship in Computer Science, and CIS 4900 Directed Individual Study will not count toward the CS electives. The student must complete PHY 2048C, 2049C, and three (3) additional semester hours of science in a discipline other than physics. All courses used to satisfy the science requirement must be identified as “For Science Majors” within the Liberal Studies Program (or have such a course as a prerequisite). Approval is to be requested prior to registration for the elective courses. All students are required to complete an exit survey for both the Department of Computer Science and the College of Arts and Sciences during their term of graduation. These forms may be obtained from the Academic Coordinator’s Office (Room 203C Love Building). Students following this degree will complete a total of at least one hundred twenty (120) semester hours in order to satisfy all University and major requirements.

Minor

The required collateral courses in mathematics, physics, and statistics constitute an acceptable interdisciplinary minor. Students may contact the undergraduate adviser for information concerning other acceptable minors.

Note: These requirements are subject to change. Please refer to http://www.cs.fsu.edu/current/undergrad/ for the most current information.

Requirements for a Major in Computational Biology

1. Biological Science (eighteen [18] hours)
   - BSC 2010 Biological Science I (3)
   - BSC 2011 Biological Science II (3)
   - PCB 3083 General Genetics (3)
   - PCB 4674 Evolution (3)
   - plus six (6) hours of biological science elective credit chosen from:
     - BOT 4394 Plant Molecular Biology (3)
     - BSC 2010L Biological Science I Laboratory (1)
     - BSC 2011L Biological Science II Laboratory (1)
     - BSC 4613 Systematics (3)
     - MCB 4403 Prokaryotic Biology (3)
     - MCB 4403L Prokaryotic Biology Laboratory (2)
     - PCB 3134 Cell Structure and Function (3)
     - PCB 3743 Vertebrate Physiology (3)
     - PCB 4024 Molecular Biology (3)
     - PCB 4233 Immunology (3)
     - PCB 4253 Animal Biology (3)
     - PCB 4843 Fundamentals of Neuroscience (3)

2. Computer Science (sixteen [16] hours)
   - CDA 3100 Computer Organization I (3)
   - COP 3014 Programming I (3)
   - COP 3330 Object Oriented Programming (3)
   - COP 3344 Introduction to Unix (1)
   - COP 4530 Data Structures, Algorithms and Generic Programming (3)
   - plus three (3) hours of computer science elective credit chosen from:
     - CDA 3101 Computer Organization II (3)
     - COP 4531 Complexity and Analysis of Data Structures and Algorithms (3)
     - COP 4710 Theory and Structure of Databases (3)
     - COT 4420 Theory of Computation (3)

   - BSC 4933r Selected Topics in Biological Science (3)
   - CIS 4930r Special Topics in Computer Science (3)

   - MAC 2311 Calculus with Analytic Geometry I (4)
   - MAC 2312 Calculus with Analytic Geometry II (4)
   - MAD 2104 Discrete Mathematics I (3)
   - STA 2171 Statistics for Biology (4)

5. Physics (eight [8] or ten [10] hours)
   - PHY 2048C General Physics A (5)
   - OR
   - PHY 2053C College Physics A (4)
   - AND
   - PHY 2049C General Physics B (5)
   - OR
   - PHY 2054C College Physics B (4)

6. Chemistry (eight [8] hours)
   - 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)
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.cfs.fsu.edu.

CDA 4550. Introduction to Artificial Intelligence (3). Prerequisite: COP 4530. This first course in Artificial Intelligence (AI) is designed to expose the student to both the breadth and depth of the subject. Topics include problem solving, knowledge and reasoning, acting logically, uncertain knowledge and reasoning, learning, and communicating, perceiving and acting.

CDA 4730. Computer Graphics (3). Prerequisite: COP 4530. Topics include: the fundamental hardware and software elements of computer graphics systems, including intelligent terminals, communication, and graphic languages; cost effective use of interactive graphics; CAD/CAM; office automation; and computer animation.

CDA 3100. Computer Organization I (3). Corequisites: COP 3330, MAD 2104. This is a core course intended for computer science majors with previous C/C++ background. The course introduces fundamental concepts in computer organization and logical design, including numbering systems and number representation, logic gates and design, the Von-Neumann architecture principle, and the machine instruction cycle. Assembly language programming with C language interfacing is also presented, reinforcing basic computer structure and machine cycle operation principles.

CDA 3101. Computer Organization II (3). Prerequisite: CDA 3100. Fundamental concepts in processor design including control, pipelining, memory hierarchies, and I/O.

CDA 4150. Computer Architecture (3). Prerequisite: CDA 3101; MAD 3105. High performance architecture design and analysis, including memory-system design, pipelining, vector computers, and multiprocessing.

CDA 4593. Introduction to Computer Networks (3). Prerequisite: COP 4530. Circuit switched and packet switched networks, protocols, protocol layering; application layer; socket programming; transport layer, multiplexing and demultiplexing; UDP, TCP, reliability, flow control, congestion control; network layer, routing protocols, switching technologies, multicast, mobility; link layer, local area networks, error detection and correction; wireless networks; multimedia networking; network security; network management.

CEN 4010. Software Engineering Principles and Practice (3). Prerequisite: COP 3331. Topics in this course include classical and modern principles and practices of software engineering, including classical and object-oriented approaches to architecture, design, life cycle, and project management; software metrics; change management; teams and learning tools; reusability, portability, and interoperability; requirements and specification.

CEN 4012. Mentored Software Project I (1–6). Prerequisite: CEN 4010. Experience creating or changing a large software system; putting principles of software engineering to practice. May be repeated to a maximum of six (6) semester hours.

CEN 4516. Distributed Systems and Networks (3). Prerequisites: CDA 3101; COP 3330. Computer networks and internetworks; distributed object technology; distributed system architecture; enterprise software systems; distributed process scheduling, file systems, shared memory, computer security, and fault tolerance.

CEN 481. Expert Systems (3). Prerequisite: COP 4530. Topics include: definitions and historical development, methodology tools for analysis and design, survey of existing systems, inference engines, and theory and applications of fuzzy relational products to new developments in inference engines.

CIS 2060. Computer Literacy (3). Not open to students with credit in CIS 2100. An introduction to information processing and computer applications. Hands-on experience with microcomputer software such as word processors, spreadsheets, and database managers.

CIS 2064. Computer Literacy II (3). Prerequisite: CIS 2060 or permission of instructor. This course builds on skills and concepts learned in CIS 2060. Computer Literacy, to study students the technological skills and the critical thinking skills needed to be successful users of information in productive environments. Topics include information systems, databases, e-commerce, systems and software development, multimedia, and information security. While developing a deeper understanding of information systems and digital technologies, students also acquire valuable hands-on skills including digital graphic design, web development, and Web development. Computer Literacy or equivalent computer experience is required for admission.

CIS 3403. Microcomputer Applications for Business/Economics (3). Prerequisite: MAC 1105. May not be applied toward computer science major or minor. Not open to students with credit in CIS 2060. Course enables students in business and economics to become productive microcomputer applications with hardware and software applications conceptually used in the workplace. The following topics are covered: hardware concepts, operating systems, word-processing, spreadsheets, databases, networks, Internet, World Wide Web, multi-media presentations, and information systems.

CIS 4030. Introduction to Internet Technology (3). Prerequisite: A previous course in computer science. Basic Unix, World Wide Web, Netscape, Mosaic, Lynx, Gopher, Usenet News, Wais, Mirte, Netfind, Traceroute, X-350 directory services, Xv, HTML programming. Programming experience with developing Internet and Intranet applications using Web pages for government agencies, community organizations, and businesses; topology of NSF/Campus network and Tallahassee Metropolitan Network.

CIS 4043. Introduction to COBOL Programming for Business (3). Prerequisite: CIS 3406 or COP 3014. May not be applied toward a computer science major. Study of the use and management of COBOL in business and government organizations. Specific programs are developed to solve typical management and data-processing problems. Structured approach. Programming problems and design solutions are discussed in detail. Also taught by the College of Business.

CIS 4044. Object-Oriented Programming in C++ (3). Prerequisite: MAC 1140. May not be applied toward a computer science major. Introduction to programming; rudiments of C++, containing basic syntax, properties of classes, constructors, interfaces, exceptions, I/O, graphics concepts. Objects, compilation, virtual machines, applications, APIs, HTML, XML, and XHTML.

CIS 4060. FORTRAN for Non-specialists (3). Prerequisite: MAC 1105. May not be applied toward a computer science major. Introduction to programming; rudiments of FORTRAN, containing basic syntax, properties of classes, constructors, interfaces, exceptions, I/O, graphics concepts. Objects, compilation, virtual machines, applications, APIs, HTML, XML, and XHTML.

CIS 4064. Object Oriented Programming in C++ (3). Prerequisite: CIS 4044 or COP 3014. May not be applied toward a computer science major. Introduction to programming; rudiments of C++, containing basic syntax, properties of classes, constructors, interfaces, exceptions, I/O, graphics concepts. Objects, compilation, virtual machines, applications, APIs, HTML, XML, and XHTML.

CIS 3931r. Intermediate Topics in Computer Science (2–3). Prerequisite: COP 3502. Topic and prerequisites will vary from term to term and section to section. Analyzes intermediate topics in the area of computer science. May be used as a self-studied program of instruction in the content of applications for which the language is particularly suited.

CIS 4300. Cooperative Education Work Experience (0). (SU grade only.) Work experience with a firm or agency to be determined on an individual basis. May be repeated to a maximum of six (6) times.

CIS 4320. Introduction to Computer Security (3). Prerequisite: CIS 4046 or COP 3014 or equivalent programming course. Course covers computer security threats and attacks, covert channels, trusted operation systems, access control, entity authentication, security policies, models of security, database security, managing security, physical security and TEMPEST, and brief introductions to network security and legal and ethical aspects of security.

CIS 3949r. Cooperative Work Related Internship (3). Prerequisite: CIS 3949r. May not be applied to a computer science major. Study of the use and management of COBOL in business and government organizations. Specific programs are developed to solve typical management and data-processing problems. Structured approach. Programming problems and design solutions are discussed in detail. Also taught by the College of Business.

CIS 3949r. Cooperative Education Work Experience (0). (SU grade only.) Work experience with a firm or agency to be determined on an individual basis. May be repeated to a maximum of twelve (12) semester hours.

Academic Programs

Computer Science

Undergraduate Courses

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CDA 4150. Computer Architecture (3). Prerequisite: CDA 3101; MAD 3105. High performance architecture design and analysis, including memory-system design, pipelining, vector computers, and multiprocessing.

CDA 4593. Introduction to Computer Networks (3). Prerequisite: COP 4530. Circuit switched and packet switched networks, protocols, protocol layering; application layer; socket programming; transport layer, multiplexing and demultiplexing; UDP, TCP, reliability, flow control, congestion control; network layer, routing protocols, switching technologies, multicast, mobility; link layer, local area networks, error detection and correction; wireless networks; multimedia networking; network security; network management.

CEN 4010. Software Engineering Principles and Practice (3). Prerequisite: COP 3331. Topics in this course include classical and modern principles and practices of software engineering, including classical and object-oriented approaches to architecture, design, life cycle, and project management; software metrics; change management; teams and learning tools; reusability, portability, and interoperability; requirements and specification.

CEN 4012. Mentored Software Project I (1–6). Prerequisite: CEN 4010. Experience creating or changing a large software system; putting principles of software engineering to practice. May be repeated to a maximum of six (6) semester hours.

CEN 4516. Distributed Systems and Networks (3). Prerequisites: CDA 3101; COP 3330. Computer networks and internetworks; distributed object technology; distributed system architecture; enterprise software systems; distributed process scheduling, file systems, shared memory, computer security, and fault tolerance.

CEN 481. Expert Systems (3). Prerequisite: COP 4530. Topics include: definitions and historical development, methodology tools for analysis and design, survey of existing systems, inference engines, and theory and applications of fuzzy relational products to new developments in inference engines.

CIS 2060. Computer Literacy (3). Not open to students with credit in CIS 2100. An introduction to information processing and computer applications. Hands-on experience with microcomputer applications such as word processors, spreadsheets, and database managers.
Graduate Courses

**CIS 4930r. Special Topics in Computer Science (3).** Prerequisite: at least six (6) semester hours in computer science or software engineering or at or above the 4000 level. May be repeated to a maximum of twelve (12) semester hours.

**CIS 4933r. Honors Work (3).** May be repeated to a maximum of nine (9) semester hours.

**COP 3271. Introduction to Database Systems and Internet Services (3).** This course is a hands-on introduction to the principles of computer hardware and software, database systems, and the Internet. It explores the concepts and techniques that support Web site development. Students learn to design and implement simple database systems and to create Web sites that interact with databases.

**COP 3014. Programming I (3).** Prerequisite: MAC 1140. Fundamental concepts and skills of programming in a high-level language. Flow of control: sequence, selection, iteration, subprograms. Data structures: arrays, strings, structs, ADT lists and tables. Algorithms using selection and iteration (decision making, finding maxima and minima, basic searching and sorting, simulation, etc.). Good program design using a procedural paradigm, structure, and style are emphasized. Interactive and file IO. Testing and debugging techniques. Intended primarily for computer science or computer engineering majors, or anyone who is required to take COP 3330.

**COP 3252. Internet Applications Programming with Java (3).** Prerequisites: COP 3330, 3331. This course covers the applications of the Java language to education, electronic commerce, and distributed systems in general. Topics include the following: the architecture of the Web, including software protocols for passing information in typical Web applications; introduction to the Java programming language; developing Graphical User Interfaces using Swing; an introduction to distributed objects using Java Remote Method Invocation (RMI); and server-side programming using Servlets and JDBC. Emphasis is placed on practical programming using these technologies.

**COP 3330. Object-Oriented Programming (3).** Prerequisite: CGS 3014. Pre- or corequisite: CGS 3334. Pre- or corequisite: COP 3314. Emphasis is placed on object-oriented design, object-oriented programming, basic concepts, objects, inheritance, and polymorphism; introduction to data structures and container classes.

**COP 3331. Object-Oriented Analysis and Design (3).** Prerequisite: COP 3330. An introduction to software engineering with emphasis on practical techniques for object-oriented analysis and design. The course covers the use of the Unified Modeling Language (UML) and an associated computer-aided software engineering (CASE) tool.

**COP 3344. Introduction to UNIX (1).** This is an introductory course in the use of the UNIX operating system for both majors and non-majors. Topics include: UNIX history, requesting UNIX accounts, logging in to a UNIX system, basic operating system concepts and file structure, basic commands, shell editors (to include emacs, vi, and pico), printing, mail, and online help. The goals of this course are to enable students to log in to their UNIX accounts from any type of computer and have a basic understanding of the commands and utilities.

**COP 3352. Introduction to Computer Science (3).** Prerequisite: MAC 1105 and previous computer experience. May not be applied toward a major in computer science. Course covers basic computer organization, computer languages and software, language translation and interpretation, object-oriented design, object-oriented programming, classes, objects, and inheritance, file systems and I/O.

**COP 4020. Programming Languages (3).** Prerequisite: COP 4530. A survey of programming languages and language features and an introduction to compilers. Languages to be discussed include Fortran, Pascal, Ada, PL/1, APL, and Lisp. Oral presentations required.

**COP 4342. Unix Tools (3).** Prerequisite: COP 3330. This course is an introduction to selected Unix tools and utilities that are useful for advanced users, programmers, and system administrators, such as shell scripts, the perl language, revision control systems, debuggers, editors, and their uses, and expect utilities.

**COP 4530. Data Structures, Algorithms and Generic Programming (3).** Prerequisites: COP 3330, MAD 2104. Pre- or corequisite: CDA 3100. Definition, use, and implementation of generic data structures using a modern programming language; reusable programming modules; objects, inheritance, and polymorphism; introduction to algorithm design and analysis.

**COP 4531. Complexity and Analysis of Data Structures and Algorithms (3).** Prerequisite: COP 4530. MAD 3105; STA 4422. Analysis of the complexity of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs.

**COP 4610. Operating Systems and Concurrent Programming (3).** Prerequisite: COP 4530. Pre- or corequisite: CDA 3101 or consent of instructor. Design principles of batch, multi-programming, and time-sharing operating systems; linking, loading, input-output systems, interacting processes, storage management, process management, and control file systems.

**COP 4613. Real-Time Systems (3).** Prerequisite: COP 4610. Survey of issues in the design and implementation of real-time computer systems. Topics include: the use of computers for controlling real-time processes, the use of Ada in embedded computer systems, and real-time operating systems.

**COT 4710. Theory and Structure of Databases (3).** Prerequisites: COP 3330, MAD 2104. Theory of relational and object-oriented databases; relational database management systems and SQL; design, development, and implementation issues in database systems.

**COT 4813. Web Applications Programming (3).** Prerequisite: COP 3252. This course teaches programming of distributed Web applications using Java Database Connectivity, Servlets, Java Server Pages, Remote Method Invocation, and Enterprise Java Beans (both session and entity beans). Use of the Sun Microsystems Java 2 Enterprise Edition development platform either directly or through an Integrated Development Environment such as IBM’s WebSphere is also covered.

**COT 4420. Theory of Computation (3).** Prerequisite: MAD 3105. Introduction to the theory of computation, including models of computation such as Turing machines; theory of programming languages, including grammars, parsing, syntax, and semantics.

**COT 4425. Formal Methods in Software Engineering (3).** Prerequisite: COP 3331; MAD 3105. Formal methods in software analysis and design, including formal specification and verification.

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**CONSUMER AFFAIRS:**
see Textiles and Consumer Sciences

**COUNSELING PSYCHOLOGY AND HUMAN SYSTEMS:**
see Educational Psychology and Learning Systems
CRIMINOLOGY AND CRIMINAL JUSTICE

COLLEGE OF CRIMINOLOGY AND CRIMINAL JUSTICE

Professors: Blomberg, Chiricos, Doerner, Gertz, Kleck, Maier-Katkin, Waldo; Associate Professors: Bales, Bullington, Coogan, Greek, Hay, Kutnjak Ivkovich, Means, Reisig, Stewart, Assistant Professors: Bacon, Barker, Beaver, Close, Holtfreter, Stults, Warren; Professors Emeriti: Czajkoski, Jeffery, Kirkham.

The College of Criminology and Criminal Justice offers undergraduate and graduate programs leading to the bachelor of science (BS), bachelor of arts (BA), master of science (MS), master of arts (MA), and doctor of philosophy (PhD) degrees. In addition to the general criminology and criminal justice degree programs, a dual major’s program is offered with the School of Public Administration and Policy and the College of Social Work. For undergraduates, certificates are available in corrections, law enforcement, and security administration, as well as one in underwater crime scene investigation (UCSI) offered at the Panama City campus. Evening programs are offered for undergraduate and graduate students. An accelerated bachelor’s to master’s degree program is offered in criminology and criminal justice for eligible students.

Refer to the “College of Criminology and Criminal Justice” chapter in this General Bulletin for additional details on degree requirements, the college, student opportunities, and financial aid.

Academic Performance and Retention

The College of Criminology and Criminal Justice reserves the right to discontinue enrollment of any student in the major at any time if satisfactory academic progress is not being made. Specifically, majors in the College of Criminology and Criminal Justice must make a “C” or better in the three (3) core classes. A student who has accumulated three (3) unsatisfactory grades (U, F, D−, D, D+) in criminology and criminal justice courses taken for college credit at Florida State University or elsewhere, whether repeated or not, will not be permitted to continue, be readmitted, or graduate with a major in criminology or criminal justice.

A student who applies for readmission to the college must meet the criminology and criminal justice degree requirements of the General Bulletin in force on the date of readmission.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer competency skills prior to graduation. As necessary, computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate students majoring in criminology and criminal justice satisfy this requirement by earning a grade of “C−” or higher in CGS 2060, CGS 2064, or CGS 2100.

Major Requirements

To major in criminology and criminal justice, a student must complete thirty-six (36) semester hours in criminology and criminal justice course work, including three (3) core courses. An optional one-semester full-time (15 semester hour) internship is available. If a student chooses to take the internship, only three (3) of the fifteen (15) semester hours will count toward the required thirty-six (36) hours in the major. Students in the college are required to complete a minor or second major in another department or program outside the College of Criminology and Criminal Justice, and they must meet all requirements stipulated by that department or program.

For students transferring from another four-year university, at least twenty-seven (27) semester hours must be earned at Florida State University in the College of Criminology and Criminal Justice; the University requires the last thirty (30) semester hours prior to graduation be taken at Florida State University. In addition, all regular University requirements must be met for either the bachelor of arts (BA) or the bachelor of science (BS) degrees.

Core Courses

The three (3) core courses are Introduction to Criminal Justice (CCJ 2020), Criminology (CCJ 3011), and Introduction to Research Methods in Criminology (CCJ 4700). Two core courses (CCJ 3011 and CCJ 4700) are expected to be taken at Florida State University; CCJ 2020 can be taken at the community college level. 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. Students can choose from the fields of law enforcement, courts, corrections, criminal justice planning, criminological research, and private sector opportunities. The internship is available for juniors and seniors who have completed the core courses (CCJ 2020, 3011, and 4700) and have satisfied the CLAST requirement. The intern receives a satisfactory/unsatisfactory (S/U) grade, and full credit is given upon successful completion of both the academic component and work hours.

Students are advised that information pertaining to all matters of public record, such as arrests and convictions, may be required by the agencies accepting interns. Although a reasonable effort is made to place a student in an internship, Florida State University will not be liable if a student cannot be placed. Students are responsible for all living and transportation expenses during the field experiences.

Minor Requirements

For information concerning requirements for a minor in criminology and criminal justice, please refer to the ‘Minor Requirements’ section in the “College of Criminology and Criminal Justice” chapter in this General Bulletin.

Certificates

The College of Criminology and Criminal Justice offers four certificate programs: corrections, law enforcement, and security administration, as well as one in underwater crime scene investigation offered at the Panama City campus.

Honors in the Major

The College of Criminology and Criminal Justice encourages its honor students to participate in the honors in the major program. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

CCJ—Criminology and Criminal Justice
CJC—Corrections
CJE—Law Enforcement
CJJ—Juvenile Justice
CJL—Law and Process

Undergraduate Courses

CCJ 1005 Criminology Freshmen Seminar (3). Introduces criminology students to pivotal readings and philosophies of the criminal justice system and exposes students to a variety of speakers and opinions related to criminal justice.

CCJ 2020. Introduction to Criminal Justice (3). Designed to provide freshmen and sophomores with knowledge of terminology, classification systems, trends, and theories of criminal justice.

CCJ 3010. Corrections (3). This course provides an overview of correctional philosophies, practices, and procedures.

CCJ 3011. Law Enforcement (3). This course is designed to provide an advanced survey of law enforcement concentrating on the police, with emphasis on functions (law enforcement, order maintenance, public service) and responsibilities (e.g., preservation of constitutional rights, community relations), including organizational and management aspects.

CCJ 3510. The Courts (3). This course examines the jurisdiction, policies, and procedures of courts in the administration of criminal justice.

CCJ 3644. White Collar Crime (3). This course provides an overview of major issues in the study of white-collar crime. Topics covered include conceptual and definitional debates, forms of white-collar crime; theories and causes; offenders, victims, and costs; and investigations, prosecution, and sentencing.

CCJ 3654. Drugs, Drug Users, and the Justice System (3). This course provides an introduction into the history, pharmacology, health consequences, and crime-related aspects of mind-affecting drugs. Emphasis on effects on criminal behavior, the legal response to the problem, and treatment and prevention of abuse.

CCJ 3696. Victimology (3). This course examines the role of victims in crimes, their treatment by the criminal justice system, their decisions to report crimes and help prosecute offenders, victim assistance, and victim compensation. Special focus on sexual battery and domestic violence.
CCJ 3667. Religion and Crime (3). This course examines the influence of religion on crime from historical, sociological, and criminological perspectives. Students learn how religion operates as both a cause and a control. The course provides a flexible forum for the study and discussion of the complex interaction between religion and crime. (S/U grade only.)

CCJ 3677. Crimes against Humanity (3). This course is a multi-disciplinary examination of the emergence and impact of modern conceptions of human rights, including inquiry into the nature and sources of rights and of institutions for their enforcement, such as International Human Rights and Peace Organizations. Cases are drawn from the world over and the course provides a multi-disciplinary, multi-cultural perspective on the role of rights in the world.

CCJ 3940r. Cooperative Education Work Experience (3). (S/U grade only.)

CCJ 4004. Comparative Criminology and Criminal Justice (3). This course introduces students to a global approach to the study of criminal justice systems, beginning with the discussion of transnational crime and issues related to its measurement and continuing with the study of the four major legal traditions (common law, civil law, socialist law, and Islamic law) and the analysis of specific concepts of the criminal justice system across countries such as the police, courts, and corrections.

CCJ 4010. Juvenile Justice (3). This course provides an examination of juvenile delinquency and juvenile justice, including legal and social history, definition and explanation of delinquency, and assessment of delinquency prevention and correctional programs, with emphasis on application of philosophical, legal, and procedural principles to problems and cases of juvenile justice. May require community service hours.

CCJ 4031. The Individual and Society (3). Introduces an understanding into normal human behavior and development in social context.

CCJ 4043. Law, Society and the Administration of Justice (3). This course examines how law shapes and is shaped by economic relations, morality, social solidarity, state institutions, political domination, democratic governance, and legal consciousness, and how law is influenced by race, gender, and class relations. The course explores how social groups and societies use law and legal ideology to press their rights to remedy social inequalities and to what extent these rights are realized. Students become familiar with major theoretical traditions in law and society as well as social issues such as civil rights, the legislation of morality, and the administration of justice.

CCJ 4064. Individual Rights and the Criminal Justice System (3). Examination of the full range of rights in crime and punishment, dealing with them not only in broad philosophical and social terms but also in terms of specific instances, including the rights of the accused and extending to the rights of convicts, witnesses, victims, probations, ex-convicts, officials, journalists, and the public. This course examines the relationship between law and society, and the rights of individuals in the criminal justice system.

CCJ 4110. Substantive Criminal Law (3). Examination of the central principles of criminal law, including the elements defining criminal conduct for specific crimes and the various excusable conditions for criminal liability.

CCJ 4114. Police Problems and Practices (3). Provides an analysis of both the traditional and contemporary issues and problems existing in the law enforcement community. Topics range from various aspects of the police department, including organization, function, and role of the police in community relations, and the utilization of law enforcement to combat corporate crime, computer crime, and terrorism.

CCJ 4166. Community Sanctions (3). Introduction in sentencing patterns and problems, social investigation, and administrative decision making. This course provides an overview of community sanctions and their roles in the criminal justice system.

CCJ 4209. Courts and Social Policy (3). Examines the role the courts pursueth in determining social policy as it relates to criminology. Emphasis is directed toward the political and social inputs that influence judicial decision making and the role of democracy and punishment in the courts. These topics will be examined using social policy. (Satisfies oral communication.

CCJ 4283. Historical, Philosophical, and Ethical Issues in the Criminal Justice System (3). Provides an overview of the most important ethical, philosophical, and legal issues in the criminal justice system, which include the justification of criminal law, the relationship between law and morality, and the moral rationale of punishment.

CCJ 4410. Criminal Justice Organizations (3). Introduces the major theories and techniques that may be employed within the boundaries of forbearance, parole, or prison to influence and alter the attitudes, values, and behaviors of persons adjudicated guilty by the criminal justice system.

CCJ 4411r. Methods of Offender Treatment Practicum-Men Helping Men (3). Prerequisite: CJ 4410. Allows students to implement the theories and methods of treatment in a correctional setting. Students work with the professor to implement and co-facilitate abuse and violence intervention.

CCJ 4450. Criminal Justice Administration (3). This course is an application of organization and administration theories to the criminal justice system. 

CCJ 4497. Introduction to Justice and Public Policy (3). This course examines historically significant and recent crime and criminal justice policies in terms of their antecedent factors, their impact on measurable outcomes, and their unintended consequences.

CCJ 4501. Human Behavior (3). Introduces the study of the origins of human and deviant behavior from a multidisciplinary approach (biological, psychological, social, criminal, philosophical, and sociological). Addresses major theories and research, including case studies illustrative of deviant behavior such as drug abuse, suicide, mental illness, and sexual deviance.


CCJ 4610. Crime Detection and Investigation (3). Introduction to the lawful gathering and examination of criminal facts, with attention to the fundamentals of investigation, the organization and management of the investigation, and the legal issues involved. This is paid to the role of racism in theories of crime and in American law and to the treatment of minorities by the various components of the criminal justice system. May require community service hours.

CCJ 4663. Women, Crime and Justice (3). Provides a flexible forum for the study and discussion of female crime and delinquency and gender issues in the criminal justice system. 

CCJ 4700. Introduction to Research Methods in Criminology (3). Basic methodological and statistical issues in criminological research. 

CCJ 4816. Public and Private Security (3). Introduces an overview of the major topics of public and private security. The topics represent a wide variety of concerns, including such areas as historical development, the role of security in society, and current practices and standards.

CCJ 4905r. Directed Individual Study (1-4). A student registered for an individual-study course must submit a prospectus, outline, and bibliography and schedule at least one conference meeting each week on campus. May be repeated to a maximum of twelve (12) semester hours. Enrollment requires prior approval of instructor and dean.

CCJ 4990r. Honors in Criminology (3). This course is designed for upper-division students with a grade point average of 3.2 in all courses. May be repeated to a maximum of twelve (12) semester hours. 

CCJ 4933r. Seminar in Criminology (3). Introduces varying topics of selected interest and contemporary significance, discussed in a seminar format. May be repeated to a maximum of twelve (12) semester hours.

CCJ 4938r. Special Topics in Criminology (1-3). Contents of this course vary as instructors present different developments, problems, and controversies. May be repeated to a maximum of twelve (12) semester hours. 

CCJ 4940. Internship in Criminal Justice (15). (SU grade only.) Field placement in an approved criminal justice agency for integration of theory and practice through participant observation study.

The following courses are offered only at the Panama City Campus, as part of the Certificate in Underwater Crime Scene Investigation:

CJE 3761. Introduction to Underwater Investigation (3). This course presents the history and principles of basic oceanography, physics, and physiology as they relate to exposure to compressed-gas environments, and introduces guidelines for the detection of safe parameters from those principles. Students are provided the theoretical foundation for individuals preparing to be scientific investigators underwater.

CJE 3761L. Introduction to Underwater Investigation Laboratory (1). Corequisite: CJE 3761. This laboratory course presents the principles and practice of compressed-gas as a life support system for underwater hyperbaric exposure. Students develop proficiency in the basic skills required to perform safe underwater investigations, including observations and collection of underwater environment information.

CJE 4762. Forensic Science in Investigation (3). This course combines theories of the conduct of crime with knowledge of how physical evidence is produced during the commission of a crime to produce information that enables the investigation and prosecution of criminal activity. Emphasis is placed on decision-making in forensic science examinations and evaluation of their reliability.

CJE 4762L. Forensic Science in Investigation Laboratory (2). Corequisite: CJE 4762. This course includes various techniques for the examination of physical materials generated during the commission of a crime in order to produce information required to detect and investigate criminal activity. An emphasis is placed upon the implementation of protocols and minimization of error rates.

CJE 4763. Scientific Underwater Investigation (3). Prerequisite: CJE 3761. This course builds upon the Introduction to Underwater Investigation by providing the technology to collect data in an underwater environment according to the scientific method. This course builds upon the similarities and techniques used in forensic science and other science disciplines that function underwater.

CJE 4763L. Scientific Underwater Investigation Laboratory (1). Prerequisite: CJE 3761L. This course builds upon CJE 4763. This laboratory builds upon the Introduction to Underwater Investigation Laboratory by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use advanced underwater technology to enhance both forensic science and other scientific fields.

CJE 4764. Underwater Crime Scene Methodology (3). Prerequisites: CJE 4762, 4763. This course synthesizes the various theories for the conduct of crime with the knowledge of how physical evidence is produced during the commission of a crime on or under the water in order to produce information that enables the investigation and prosecution of criminal activity.

CJE 4764L. Underwater Crime Scene Methodology Laboratory (1). Prerequisites: CJE 4762, 4763. Corequisite: CJE 4764. This laboratory applies traditional underwater measurement and sampling techniques for the examination and collection of data that is part of the commission of a crime on or under the water in order to produce information that enables the investigation and prosecution of criminal activity.

CJE 4765. Underwater Crime Scene Investigation (3). Prerequisites: CJE 4764. This course combines the various analytical underwater examinations into a holistic investigation process designed to locate and detect persons and physical evidence involved in, or victims of, crimes in or on the water. Emphasis is placed on the theory of the technology and the scientific decision-making process required for its optimum application and on conducting an investigative program.

CJE 4765L. Underwater Crime Scene Investigation Laboratory (1). Prerequisite: CJE 4765L. Corequisite: CJE 4765. This laboratory course applies methodology based on advanced technology to enhance the location and detection of physical evidence, and other scientific fields, to be used in, the commission of underwater crimes. Emphasis is placed on the use of the incident command system and the UCSI process for management of a crime scene investigation.

Graduate Courses

CJC 5016. Crimes of the Powerful (3).
CJC 5020. Juvenile Justice (3).
CJC 5024. Police and Society (3).
CJC 5028r. Seminar in Criminology and Criminal Justice (3).
CJC 5029. The Political Economy of Crime and Justice (3).
CJC 5050. Prosемinar in Criminology (3).
CJC 5078. Computer Applications in Criminal Justice (3).
CJC 5285. Survey of Criminal Justice Theory and Research (3).
CJC 5309. Penology (3).
CJC 5420. Criminal Laws, Criminal Procedure and Individual Rights (3).
CJC 5456. Criminal Justice Administration (3).
CJC 5520. Structure and Process of the American Court System (3).
CJC 5546. Prevention and Treatment of Crime and Delinquency (3).
CJC 5605. Theory in Criminology and Criminal Justice (3).
CJC 5606. Survey of Criminological Theories (3).
The curriculum is designed to prepare the student who wishes to enter the liberal studies requirements. One hundred twenty-eight (128) semester hours required for the BFA degree are necessary to achieve full certification. 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 ballot 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.

**Placement and Proficiency**

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 Fletcher Dance Theatre.

In addition to the dance major degree program, the department offers some liberal studies course work and elective course work for the general University student. The department also offers work leading to the master of fine arts (MFA) degree in dance and a master of arts (MA) degree in dance with a major in studio and related studies, as well as a master of arts (MA) degree in American dance studies. Interested students should consult the Graduate Bulletin for details.

The Florida State University Department of Dance is an accredited institutional member of the National Association of Schools of Dance.

**Audition and Screening**

All undergraduate students who wish to major in dance must audition for admission into the dance major program. Auditions are held at designated periods throughout the year. Assessment of every dance major occurs at various times throughout each year to evaluate the student’s progress in the major program. Such assessment is part of a continuous advisement and monitoring procedure. A probationary period may be established if a student is having difficulty and needs special attention. A student who cannot meet the departmental proficiency standards will be discontinued from the dance major program.

**Performance**

The dance major is required to participate in a minimum of four performing experiences sponsored by the department.

**Florida Teacher Certification in Dance**

A program will be designed for the BFA degree-seeking student who wishes K–12 teacher certification in dance. Additional hours beyond the one hundred twenty-eight (128) semester hours required for the BFA degree are necessary to achieve full certification.

**Liberal Studies**

All students working toward a degree in dance are required to meet the liberal studies requirements.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer...
competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in dance satisfy this requirement by earning a grade of “C-” or higher in DAN 4418.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common prerequisites or approved substitutions necessary for this degree program:

**Dance—BFA Track**

Any twenty-four (24) semester hours from the following thirty (30) semester hours will be accepted toward the major:
1. DAN X610 (3) or DAN X600 (3)
2. DAN X611 (3) or DAN X601 (3)
3. DAA X610 (2)
4. DAA X611 (2)
5. DAA X680 (2) and DAA X681 (2), or any lower level repertory courses in the 400–499 series up to four (4) semester hours
6. Eight (8) semester hours of any lower level ballet technique courses (with the DAA prefix) within the 200–209 taxonomy
7. Eight (8) semester hours of any lower level modern technique courses (with the DAA prefix) within the 100–109 taxonomy

**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 level in technique for at least one semester they may elect to take only one of the technique courses (either ballet or contemporary dance) during one of the last two semesters before graduation.

2. **Dance Composition and Repertory**. Ten (10) semester hours including DAA 2610, 2614, 3654r, DAN 2611

3. **Other Dance Courses**. Thirty-seven (37) semester hours, including Dance Ensemble (four [4] semester hours of DAA 1680r, 2681r, 3684r, or 4685r); DAE 3384; DAN 2100, 2500, 2610, 3144, 3145, 3146, 3504, 3584r, 3744, 3748, 4418 and 4935

4. **Liberal Studies**. Thirty-six (36) semester hours. Three (3) hours of the history and philosophy of dance courses—DAN 3144, 3145 or 3146—may be applied to Area IV of liberal studies requirements.

5. **Electives**: Fifteen to eighteen (15–18) semester hours. Students exercising the option under requirement four 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 earn the maximum semester hours in dance technique if they are able to complete successfully all other University and departmental course requirements for graduation and if they have achieved the required technical proficiency levels prior to accumulation of the maximum hours in technique.

**Honors in the Major**

The Department of Dance offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research or creative work. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Definition of Prefixes**

DAA—Dance, Emphasis on Activity
DAE—Dance Education
DAN—Dance

**Undergraduate Courses**

DAN 4000r. 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 4035r. 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 2200r. Beginning Ballet III—Nonmajors (2). Faculty placement or permission of instructor required. Each course may be repeated to a maximum of six (6) semester hours.

DAA 2201r. Intermediate Ballet—Nonmajors (2). Faculty placement or permission of instructor required. Each course may be repeated to a maximum of twelve (12) semester hours.

DAA 2300r. Ballet I (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

DAA 3200r. Ballet II (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) 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 2100r. Intermediate Contemporary Dance—Nonmajors (2). Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

DAA 2101r. 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 2102r. Contemporary Dance II (1–3). Majors only. Faculty placement or permission of instructor required. May be repeated to a maximum of twelve (12) semester hours.

**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 395r. Dance Performance (1–2). Majors only. Preparation and public performance of selected roles in dance repertory. Official casting and faculty approval required. May be repeated to a maximum of sixteen (16) semester hours.

DAA 485r. Dance Ensemble (1). (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

Dance Composition and Repertory
DAA 2610–2611. Dance Composition [two (2) hours each]. Majors only. Prerequisite: DAN 2610. Exploration of basic rhythmic, spatial, and dynamic materials in the designing of dance movements; improvisation and exploration of various ideological and aesthetic sources.

DAA 3614. Dance Composition (3). Prerequisite: DAN 2611. Study of choreographic forms and structures, musical forms, extended temporal and dynamic studies, components of dramatic and stylistic forms, use of dance technology compositionally.

DAA 3654. Choreography-Repertory (2). The study and practice of selected works of dance repertory. May be repeated to a maximum of sixteen (16) semester hours. Permission of instructor required.

DAA 4615. Dance Composition (3). Prerequisite: DAA 3614. Extended choreographic process: production of extended choreographic works. Permission of instructor required.

Rhythmic and Musical Theory
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 various 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 materials in labanotation are examined with emphasis on writing and developing reading skills.

DAN 3714. Movement Theory and Body Alignment (3). The study of movement theories and body alignment for the technical aspects of dance performance.

DAN 3744c. Dance Conditioning (2). Studio laboratory for concepts in movement theory and body alignment. May be repeated to a maximum of four (4) semester hours.

Dance Production
DAN 2500r. Introduction to Design (1). This course examines the basic vocabulary, understanding, and appreciation of the design process in dance production. May be repeated to a maximum of two (2) semester hours.

DAN 3504. Dance Production (2). Study of technical aspects of production. Permission of instructor required.

DAN 3534r. Dance Theatre Laboratory (1). Assigned problems in connection with current dance theatre production. May be repeated to a maximum of four (4) semester hours.

DAN 441Br. Survey of Dance Technologies (3). This course provides training and aesthetic guidance for dance artists through the generation of computer-assisted imagery. It sets a foundation for future work in the areas of dance documentation, preservation, creation, promotion, and multimedia performance. May be repeated a maximum of six (6) semester hours.

DAN 4404. Documentation Techniques (3). Prerequisite: DAN 4418. This course instructs students in capturing the art of motion, combining hands-on experience with reading, discussion, and critique to develop technical skills and aesthetic awareness related to the documentation of concert dance.

History and Theory of Dance
DAN 2100. Introduction to History and Appreciation of Dance (3). A survey of the development of dance in human culture with emphasis on dance as an art form. The major periods of dance history, choreographic masterworks, and artists in choreography and performance will be explored through readings, discussion, media presentation, live performances, and movement laboratories. No prior dance experience is required.

DAN 3144, 3145, 3146. History and Philosophy of Dance [three (3) hours each]. 3144–Origins and development of dance; ritual and social components of dance; dance in early cultures. 3145–Evolution of dance as a theatrical art form; ballet history. 3146–Dance in contemporary times.

DAN 3165. African-American Dance in American Culture (3). Using African-American dance as a central focus, this course examines how cultural and artistic expressions can both integrate and divide different groups of people along lines of race and class.

DAN 4182. Dancing in the Movies (3). This course traces the evolution of dance in the American popular film industry. Emphasis will be placed on how movies encapsulate popular stereotypes and icons, revealing the roles of gender, race, fashion, economic and political forces.

DAN 4183. History of African-American Social Dance of the Twentieth Century (3). The course traces the major African-American social styles of the twentieth century. These dance styles are examined in a context that facilitates understanding their relationship to the culture(s) and events that produced and influenced them.

Pedagogy
DAE 3334. Methods and Materials in Dance Education (3). The study of the principles of learning and how they inform the processes of designing lessons and teaching dance. Includes a 5-week teaching practicum in local schools in addition to coursework on campus.

Other Courses
DAN 4005. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

DAN 4910r. Dance Internship (1–6). (S/U grade only.) Supervised internship to provide students with professional experience in their field. Design of the internship is developed by the student and intern host in consultation with the academic advisor. May be repeated in the same semester with instructor permission to a maximum of twelve (12) semester hours.

Graduate Courses
DAA 5118r. Contemporary Dance (1–3).

DAA 5218r. Ballet (1–3).

DAA 5618. Choreography (3).

DAA 5648r. Choreographic Project (2–6). (S/U grade only.)

DAA 5688r. Dance Ensemble (1). (S/U grade only.)

DAA 5698r. Dance Performance (1–2).

DAA 5950r. New York City: Arts and Resources as the Art Event (3).

DAE 5337. Dance History Pedagogy (3).

DAE 5940. Supervised Teaching (2). (S/U grade only.)

DAN 5126r. Current Issues in Dance History, Theory, and Research (1–3).

DAN 5128. Theory of Dance (3).

DAN 5147. History of American Dance 1492–1892 (3).


DAN 5158. Theory of Dance Performance and Directing (3).

DAN 5190. Theory and Practice in Dance Technique (3).

DAN 5191r. Seminar Studies in Dance History and Research (3).

DAN 5193. History of African-American Social Dance of the Twentieth Century (3).

DAN 5194. Dancing in the Movies (3).

DAN 5486. Documentation Techniques (3).

DAN 5508. Visual Design for Choreography (3).

DAN 5905r. Directed Individual Study (2–3).

DAN 5910. Supervised Research (2). (S/U grade only.)

DAN 5930r. Special Topics in Dance (1–3).

DAN 5940r. Dance Internship (1–12).

For listings relating to master’s examinations and defense, consult the Graduate Bulletin.

DEMOGRAPHY: see Graduate Bulletin

DEVELOPING AREAS, PLANNING FOR: see Urban and Regional Planning

DIETETICS: see Nutrition, Food and Exercise Sciences

EARLY CHILDHOOD EDUCATION: see Childhood Education, Reading, and Disability Services

ECOLOGY: see Biological Science

DeVo L. Moore and Family Center for The Study Of Critical Issues In ECONOMIC POLICY AND GOVERNMENT

College of Social Sciences

Director: Keith R. Ihlanfeldt; Professors: Barrilleaux, Benson, Cheung, Feiock, Gwartney, Holcombe, Rasmussen

The DeVo L. Moore and Family Center supports research about the role of government in a market economy, with a special emphasis on state and local regulation. An interdisciplinary unit in the College of Social Sciences, the faculty associated with the center have well-established scholarly reputations in the study of public policy. The faculty and center affiliates regularly teach graduate and undergraduate policy-related courses in the departments of economics and political science and in the Askew School of Public Administration and Policy. In addition to teaching responsibilities, the faculty conduct advanced scholarly research in government, economics, and public affairs.

The center produces publications designed to inform citizens and policy makers how government rules, regulations, and programs affect
the economy and individuals. The center also sponsors annual conferences that bring national leaders and scholars to the University to discuss policy questions.

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**Department of ECONOMICS**

**College of Social Sciences**

*Chair:* Bruce L. Benson; **Professors:** Benson, Cobbe, Fournier, Gwartney, R. Holcombe, Ihlanfeldt, Isaac, Maesich, Macpherson, Marquis, Norrin, Rasmussen, Sass, Schlenkhauf, Schermann; **Associate Professors:** Beaumont, Mason, McCaleb, Salmon, Zuehlke; **Assistant Professors:** Atoia, Bokhari, Cheung, Garriga, Heiland, Hock, Pevnitskaya, Ryvkin, Semykina; **Courtesy Professors:** Du Mond, Elzie, Fabricant, Klick, Sheffield, Stratis; **Professors Emeriti:** Canterbery, Downing, Laird, Rockwood, Sliger, Sorensen; **Lecturers:** Calhoun, Carter, L. Holcombe

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.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in economics satisfy this requirement by earning a grade of “C-” or higher in CGS 2100 or ECO 4431. Applied economics majors satisfy computer competency by earning a grade of “C-” or higher in ECO 4431.

**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**

ECO X013 (Principles of Macroeconomics) and ECO X023 (Principles of Microeconomics) or six (6) semester hours in economic courses (ECO prefix)

*Note:* 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 of 2.5 or better, and in good standing with the University will receive priority consideration but are not guaranteed admission to the program. All students must meet “mapping” requirements to be admitted to the upper-division major. Consult http://academic-guide.fsu.edu for more information.

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, including all core courses, must be taken at 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 director. 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). Pre-calculus 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**

Honors-only sections of ECO 2013 and ECO 2023 are offered each Fall and Spring for lower-division Honors students. The Department of Economics offers honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information,
see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Minor in Economics

A minor requires fifteen (15) semester hours in departmental courses, including ECO 2013 and 2023, with a grade of “C” or better and at least one course selected from ECO 3104, 3223, 4101, 4203, 4421, or 4431. Students will not receive credit toward the minor for courses in which a grade less than “C” has been received. Economics majors 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. Not to be taken by students who have had or who must take ECO 2013 and 2023. Not applicable to the economics major or the economics minor.

ECO 2013. Introduction to Economics (3). Aggregate economic 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 considered from a private and social point of view; microeconomic problems and policy alternatives; economics of inequality and 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, health care reform, immigration, global climate change and environmental policy, regulation, welfare reform, labor market discrimination, drug policy, and topics selected by students.

ECO 3004. Applied Microeconomic Analysis (3). Prerequisites: ECO 2013, 2023; STA 2023, 2122 or 4321. Applications of microeconomic theory for business and policy analysis. Topics include the theory of the firm, valuation techniques in the absence of market prices, empirical research with accounting, financial and administrative data, theory of supply and business strategy, cost-benefit 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 course. The evolution of economic ideas from ancient Greece to the modern period emphasizing the relationship between economic history and economic thought and cultural and intellectual changes. Critique of modern economic theory in terms of its sources and logical content.


ECO 3939r. Special Topics in Economics (3). Prerequisites: ECO 2013, 2023. This course code is used for special topics of current interest or to benefit from the specialties of visiting faculty. May be repeated to a maximum of six (6) semester hours. May be repeated within the same semester.


ECO 4203. Intermediate Macroeconomic Theory (3). Prerequisites: 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 surveyed.

ECO 4224. Issues in Money and Banking (3). Prerequisites: ECO 2013, 2023, 2323. The role of monetary policy in various macroeconomic theories is emphasized. Focus on controversy over the effectiveness of monetary policy has on employment, inflation, and interest rates.

ECO 4307. Monetary Thought and History (3). Prerequisites: ECO 2013, 2023. This course deals with issues in money, banking, and monetary policy in the United States and other countries. A major theme is how the monetary and financial organizations can be improved.

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. The mathematical tools of such probability, matrix algebra, and calculus to better understand fundamental principles of economics. Applies these techniques to policy analysis.

ECO 4421. 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 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. This course is an introduction to the use of laboratory experimental economics, a relatively new method of economic 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 action principles of government expenditures, theory and practice in taxation, shifting and incidence of taxes.

ECO 4532. Economic Analysis of Politics (3). Prerequisite: ECO 2023 or permission of instructor. Theoretical models are used to analyze political decisions and the decision-making processes of government at all levels. The role of theory in the development and achieved by the U.S. Constitution. Models of majority rule decision making and bureaucratic supply are used to develop an understanding of supply and demand in economic analysis. Basic knowledge of economic systems and political science.

ECO 4554. Economics of State and Local Government (3). Prerequisite: ECO 2023. State and local revenues, expenditures, and borrowing; intergovernmental relationships.

ECO 4704. International Trade (3). Prerequisites: ECO 2013, 2023; ECO 4101 recommended. Theory of international trade, the gains from trade, and the variety of foreign exchange rates and currency transactions.

ECO 4713. International Finance (3). Prerequisites: ECO 2013, 2023; ECO 3223 or 4203 recommended. Finance of payments, balance of payments, endogenous growth, and international trade.

ECO 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

ECO 4939r. Field Study in Economics (1–4). Prerequisite: Permission of instructor required. Corequisite: ECO 4922. Students receive credit toward the economics major for applied work in government, private companies, and non-profit organizations.

ECO 4941. Study Abroad (3). Prerequisites: ECO 2013, 2023. Students may study abroad in more- and less-developed countries, population and food supply/nonsustainable resource interrelationships.

ECO 3131. Afro-Americans in the American Political Economy (3). Prerequisites: ECO 2013, 2023. The role of the black market in the economy of the United States and the significance of economic theory and policy that have contributed to the economic well-being of African-Americans. Also covers theoretical material related to wage determination, labor market discrimination, and marriage and transitions into the labor market.


ECO 4131. Economics of Crime (3). Prerequisite: ECO 2013, 2023. This course examines antitrust enforcement policies, and case studies in economic regulation.

ECO 4541. Economics of Health (3). Prerequisite: ECO 2013, 2023. This course presents an economic analysis of sports and entertainment. Focus is on industrial organization of the sports market, public finance and sports, sports labor market, and college and non-profit sports. Similar issues related to entertainment and artistic industries may also be covered.

ECO 4551. Economics of Labor (3). Prerequisites: ECO 2013, 2023. Analyzes approaches to the problems of monopoly in labor markets, including ECO 2013 and 2023, with a grade of “C” or better.

ECO 4561. Economics of Aging (3). Prerequisites: ECO 2013, 2023. This course considers the factors that cause populations to become older and systematically analyzes the economic consequences of this aging. Topics considered include Social Security and health care expenditure trends, economic impact of an aging population, and public policy relevant to the elderly.

ECO 4588r. Field Study in Economics (1–6). May be repeated to a maximum of nine (9) semester hours.

ACADEMIC PROGRAMS
Graduate Courses

ECO 5005. Economic Principles for International Affairs (3).
ECO 5111. Intermediate Microeconomic Theory (3).
ECO 5114. Applied Microeconomics I (3).
ECO 5116. Imperfect Competition, Factor Markets, and Income Distribution (3).
ECO 5117. Applied Microeconomics II (3).
ECO 5204. Macroeconomic Theory I (3).
ECO 5205. Money and National Income Determination (3).
ECO 5206. Macroeconomic Theory, Practice, and Policy (3).
ECO 5207. Macroeconomic Theory II (3).
ECO 5208. Global Macroeconomics (3).
ECO 5226. Issues in Money and Banking (3).
ECO 5281. Financial Economics I (3).
ECO 5282. Financial Economics II (3).
ECO 5305. History of Economic Thought (3).
ECO 5403. Static Optimization in Economics (3).
ECO 5405. Introduction to Mathematical Economics (3).
ECO 5408. Computational Economics I (3).
ECO 5416. Econometrics I (3).
ECO 5417. SAS Programming (3).
ECO 5420. Basic Applied Econometrics (3).
ECO 5423. Econometrics II (3).
ECO 5427. Limited Dependent Variable Models (3).
ECO 5428. Time Series Analysis (3).
ECO 5434. Economic Forecasting (3).
ECO 5505. Public Economics (3).
ECO 5533. Public Choice (3).
ECO 5706. Seminar in International Trade Theory and Policy (3).
ECO 5707. International Trade (3).
ECO 5715. International Finance (3).
ECO 5906r. Directed Individual Study (3). (S/U grade only.)
ECO 5907r. Directed Individual Study (3).
ECO 5914. Supervised Research (1–5). (S/U grade only.)
ECO 5922r. Professional Development for Economists (0–2).
ECO 5932r. Graduate Tutorial in Economics (1–3).
ECO 5935r. Seminar in Political Economy (1–3).
ECO 5936r. Special Topics (1–3).
ECO 5940r. Supervised Teaching (1–5). (S/U grade only.)
ECO 5972. Extended Master’s Paper (3). (S/U grade only.)
ECO 5973r. Applied Master’s Project (3).
ECO 6209. Topics in Macroeconomics (3).
ECO 6392. Topics in Microeconomics (3).
ECO 6393r. Doctoral Workshop (0–3). (S/U grade only.)
ECO 6399. Teaching Workshop (0–3). (S/U grade only.)
ECP 5115. Seminar in the Economics of Population (3).
ECP 5116. Applied Economic Demography (3).
ECP 5117. Mathematical Demography (3).
ECP 5205. Labor Markets (3).
ECP 5405. Industrial Organization (3).
ECP 5415. Social Control of Business (3).
ECP 5536. Seminar in Health Economics (3).
ECP 5606. Urban and Regional Economics (3).
ECS 5005. Seminar in Comparative Economics Systems (3).
ECS 5335. Economies in Transition (3).

ECS 3600. Economics of Native Americans (3). Prerequisites: ECO 2013, 2023. This course examines and challenges the traditional view that the economic systems of Native Americans before Europeans arrived were communal. The historical evolution of Native economies is considered in light of the evolving relationships (both conflict and cooperation) between Europeans and Natives. Finally, the economic conditions of modern Native American communities are examined.
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: ECO 2013, 2023. Describes and analyzes the formerly centrally planned soviet economy and its transformation. Case studies include Russia, members of the Commonwealth of Independent States, and Eastern European countries. Analyzes the successes and failures of the transition process, particularly privatization and marketization.
ECS 4504. Economics of the Middle East (3). This course provides an overview of the economic issues facing the region known as the Middle East and North Africa (MENA). The course discusses the economic history of the region and reviews events and policies bringing MENA nations to their current position, and examines their prospects for future economic growth.

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

EDUCATIONAL ADMINISTRATION/LEADERSHIP: see Educational Leadership and Policy Studies

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**Department of Educational Leadership and Policy Studies**

**College of Education**

Chair: Gary M. Crow; Professors: Beckham, Crow, Irvin, Kunkel, Lick, Milton, Wetherell; Associate Professors: Beach, Bower, Dalton, Easton, Hu, Lang, Milligan, Schrader, Schwartz, Wicker; Assistant Professors: Brooks, Cohen-Vogel, Gayles, Iatarola, Luschei, Rutledge; Faculty Emeriti: Bender, Bolden, Funk, Gant, Grant, Hale, Jahns, Kannwischer, Kropp, Luebkemann, Mann, Papagiannis, Rasmussen, Schroeder, Shargel, Snyder, Stakenas, Waggaman, Wallat

The Department of Educational Leadership and Policy Studies provides preparation for a wide variety of professional careers in educational administration, foundations of education, educational policy, higher education, and program evaluation. The master’s, specialist in education, and doctoral degrees are offered. Although the department does not offer any undergraduate degree programs, several courses are offered at this level for persons engaged in programs of professional education. The department offers a non-degree seeking modified program for professionals who wish to be eligible for Educational Leadership level 1 certification in the State of Florida. For information on graduate programs, consult the Graduate Bulletin.

In addition, the department offers six certificates at the graduate level, in college teaching, educational policy, program evaluation, human resource development, institutional research, and modified program for educational leadership, available to special students as well as degree seeking students.

The following majors and certificates are offered by the Department of Educational Leadership and Policy Studies at the graduate level only:

**Educational Leadership/Administration**

Educational Policy and Evaluation

Higher Education

History and Philosophy of Education

Human Resource Development/Adult Education

Institutional Research

Sociocultural/International Development Education Studies

Graduate Certificate in College Teaching

Graduate Certificate in Educational Policy

Graduate Certificate in Human Resource Development

Graduate Certificate in Institutional Research

Graduate Certificate in Program Evaluation

**State Certification Courses**

The following social foundations of education courses offered in the educational foundations and policy studies department will meet...
the Florida Department of Education professional certification requirements: EDA 4060; EDF 4604, 5160, 5517, 5543, 5548, 5551, 5612, 5630, 5710r.

**Definition of Prefixes**

ADE — Adult Education
CGS — Computer General Studies
EDA — Education: Administration
EDF — Education: Foundations and Policy Studies
EDG — Education: General
EDH — Education: Higher
EDM — Education: Middle School
EDS — Education Supervision
EME — Education: Technology and Media
EV T — Education: Vocational/Technical
SDS — Student Development Services

**Undergraduate Courses**

ADE 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
ADE 4939r. 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.)
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 2082. Schooling and Development in Third World Societies (3). This course provides a basic overview of schooling and development in Asia, Africa, and Latin America. While journeying through different countries, school systems, and cultures, this course also focuses on the Third World inside the United States.
EDF 4906r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.
EDH 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
EVT 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

**Graduate Courses**

ADE 5070. Comparative and International Adult Education (3).
ADE 5075. University Continuing Education (3).
ADE 5193. Education and Training in Gerontology (3).
ADE 5280. Problems in the Organization and Administration of Adult Education Agencies (3).
ADE 5385. Adult Learning (3).
ADE 5675. Issues in Adult and Continuing Education (3).
ADE 5773. Strategies for Participatory Research Planning and Evaluation (3).
ADE 5906r. Directed Individual Study (1–3). (S/U grade only.)
ADE 5915r. Supervised Research (1–4). (S/U grade only.)
ADE 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 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 5422. Applied Data Analysis and Assessment for Educational Leaders (3).
EDA 5423. Decision-Oriented Educational Research (3).
EDA 5503. The Principalship (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 6193. Leading Learning (3).
EDA 6207. Leadership for School Renewal (3).
EDA 6930r. Departmental Seminar and Research Projects (1–3). (S/U grade only.)
EDA 6940r. Internship in Educational Administration (3). (S/U grade only.)
EDF 5488. Computer Analysis of Educational Data (2).
EDF 5517. History of Education in the United States (3).
EDF 5519. History of Higher Education (3).
EDF 5543. Introduction to Philosophy of Education (3).
EDF 5546. Philosophy of Teaching and Learning (3).
EDF 5551. Social Philosophies and Education (3).
EDF 5612. Education and Culture (3).
EDF 5624. Economics of Education (3).
EDF 5625. Education and Economic Development (3).
EDF 5626. Economic Evaluation of Education Programs (3).
EDF 5630. Sociology of Education (3).
EDF 5631. Education and Equality (3).
EDF 5641. Introduction to Policy Studies in Education (3).
EDF 5651. Case Studies in Educational Policy (3).
EDF 5652. Policy Development in Education (3).
EDF 5661. The Language of Education Policy (3).
EDF 5706. Gender and Education in Comparative Perspective (3).
EDF 5710r. Contemporary Readings in American Education (3).
EDF 5763. The Educational Consultant: Fieldwork Techniques (3).
EDF 5850. International Development Education (3).
EDF 5853. Comparative Education Policy in Developing Countries (3).
EDF 5890. Sociology of Nontraditional Approaches and Innovation in Education and Development (3).
EDF 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.)
EDA 5911r. Supervised Research (1–4). (S/U grade only.)
EDA 5935r. Special Topics in Foundations of Education (1–3).
EDA 5943r. Supervised Teaching (1–4). (S/U grade only.)
EDF 6449. Survey Research Methods (3).
EDF 6475. Qualitative Methods in Educational Research (3).
EDF 6479. Qualitative Data Analysis (3).
EDF 6547. Philosophical Foundations of Education 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 5945r. 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).
Principles and practices of career

This course prepares prospective teachers for

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:

Career Counseling

Combined Program in Counseling Psychology and School Psychology*

Counseling and Human Systems*

Educational Psychology Instructional Systems*

Learning and Cognition*

Measurement and Statistics*

Mental Health Counseling

Open and Distance Learning*

Program Evaluation*

School Psychology*

Sports Psychology*

Graduate Certificate in Human Performance Technology

Graduate Certificate in Measurement and Statistics

Graduate Certificate in Online Instructional Development

* graduate only

Definition of Prefixes

ADE — Adult Education

DEP — Developmental Psychology

EDF — Education: Foundations and Policy Studies

EDG — Education: General

EDP — Educational Psychology

EME — Education: Technology and Media

MHS — Mental Health Services

PCO — Psychology for Counseling

PET — Physical Education Theory

PSB — Psychobiology

SDS — Student Development Services

SPS — School Psychology

SYP — Social Processes

Undergraduate Courses

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 development, using traditional and alternative assessment strategies, interpreting and using data to improve achievement, and utilizing assessment in the process of learning.

EDF 4905. 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 4044. 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 4905. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

ETP 4214. Sport Psychology (3). Course explores selected psychological theories and applications relevant to sport and exercise behavior.

EDF 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.

EDF 4841. Communication and Human Relations (3). Relevant dimensions of the helping relationship and the development of effective communications skills.

Department of EDUCATIONAL PSYCHOLOGY AND LEARNING SYSTEMS

College of Education

Chair: Gary Peterson; Professors: Becker, Driscoll, Eklund, Keller, Oosterhof, Peterson, Pfeiffer, Preatt, Reardon, Sampson, Seel, Spector, Tenenbaum, Wager; Associate Professors: Baylor, Darabi, Kamata, Kelly, Losh, Proctor; Assistant Professors: Denten, Ecles, Jeong, Li, Olina, Railey, Roehrig, Turner; Professors Emeriti: Beard, Branson, Brewer, Burck, Burkman, Dick, Fletcher, Foster, Hills, Johnson, Kaufman, King, Lathrop, Mancha, Morgan, Quinly, Pargman, Tate

The Department of Educational Psychology and Learning Systems offers degrees only at the master’s, specialist, and doctoral levels.
Graduate Courses

ADE 5080. Foundations of Adult and Continuing Education (3).
ADE 5083. Human Resource Development (3).
ADE 5186. Program Leadership Development (3).
ADE 5189. Staff Training and Development (3).
ADE 5380. Processes of Community and Adult Education (3).
ADE 5385. Adult Learning (3).
ADE 5672. E-Learning for Managers (3).
ADE 5932r. Special Topics in Adult Education (1–3).
DEP 5068. Life-Span Human Development (3).
EDF 5400. Basic Descriptive and Inferential Statistics Applications (4).
EDF 5401. General Linear Model Applications (4).
EDF 5402. Advanced Topics in Analysis of Variance Applications (3).
EDF 5406. Multivariate Analysis Applications (3).
EDF 5409. Causal Modeling (3).
EDF 5410. Nonparametric Analysis Applications (3).
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 5942r. Field Laboratory Internship (1–8). (S/U grade only.)
EDF 6937r. Seminar in Advanced Research Problems (1–3).
EDG 5932r. 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 (3).
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 5040. Media, Text, and Technology (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 6403. Designing for Online Collaborative Learning (3).
EME 6415. Development of Computer Courseware (3).
EME 6507. Development of Multimedia Instruction (3).
EME 6631. Managing Instructional Development (3).
EME 6635r. 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 5007. Foundations of Mental Health Counseling (3).
MHS 5010. Foundations of School Counseling (3).
MHS 5060. Psychological and Multicultural Aspects of Counseling (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 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 6946r. Field Practicum in Counseling Psychology (2–16). (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 5054C. Motor Skill Learning (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).
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 5205. Consultation in the Schools (3).
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.
Department of ELECTRICAL AND COMPUTER ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Chair: Victor DeBrummer; Professors: R. Arora, V. DeBrummer, Foo, Perry, Roberts, Zheng; Associate Professors: K. Arora, Baldwin, Chang, L. DeBrummer, Harvey, Kwan, A. Meyer-Baese, Tung; Assistant Professors: Andrei, Frank, Li, U. Meyer-Baese, Weatherspoon, Yu; Eminent Scholar: Thagard; Assistants in Electrical Engineering: Helm, Skinner; Associate in Electrical Engineering: Brooks

Bachelor of Science in Electrical Engineering–Program Educational Objectives

The bachelor of science in electrical engineering (BSEE) degree program prepares its graduates for a successful career in the rapidly evolving and intellectually challenging field of electrical engineering. The department requires its graduates to develop a strong understanding of the relevant mathematics, computer programming, and natural science concepts needed by practicing electrical engineers.

Graduates must demonstrate an ability to apply this knowledge in several fundamental areas of electrical engineering, including analog circuit design, digital logic design, electromagnetics, signal and linear system analysis, communications, and microprocessor based design. They also must demonstrate successfully sufficient knowledge and the technical skills needed to complete a major design experience and to function as a member of a multi-disciplinary team.

With the addition of electrical engineering technical electives, graduates have an opportunity to prepare for advanced graduate-level training or a professional career in a variety of electrical engineering application areas including digital systems, communication systems, digital signal processing, control systems, microelectronics, power systems, or electromagnetics.

In addition, in the several years after graduation, graduates are expected to accomplish the following:
1. Participate in either the research, development or application of engineering solutions that have a positive impact on society
2. Make contributions to workforce diversity
3. Show a commitment to life-long learning and continuous self-improvement
4. Become proficient in the oral and written communication of their work and ideas

Bachelor of Science in Computer Engineering–Program Educational Objectives

The bachelor of science in computer engineering (BSCpE) degree program prepares its graduates for a successful career in the interdisciplinary field of computer engineering. The program is built firmly on the foundation of the department’s well established BS in electrical engineering (BSEE) degree program. Consequently, graduates from the BSCpE degree program complete all of the required core coursework of BSEE majors, additional core computer engineering coursework, and a set of specialized courses offered through the Department of Computer Science at Florida State University. BSCpE graduates have an opportunity to prepare for advanced graduate-level training or a professional career in or built upon a variety of computer engineering application areas including digital systems, digital signal processing, computer networks, and VLSI design.

Graduates from the BSCpE degree program must develop a strong understanding of relevant mathematics, programming, and physical science concepts needed by practicing computer engineers. They also must demonstrate an ability to apply this knowledge in several fundamental areas of electrical engineering (e.g., analog circuit design, electromagnetics, signal and linear system analysis, communications); computer engineering (e.g., digital logic design, microprocessor-based system design, and computer architecture); and computer science (e.g., object-oriented programming, data structures, computer algorithms, and operating systems.) Graduates also must demonstrate successfully sufficient knowledge and the technical skills needed to complete a major design experience and to function as a member of a multi-disciplinary team.

In addition, in the several years after graduation, graduates are expected to accomplish the following:
1. Participate in either the research, development, or application of engineering solutions that have a positive impact on society
2. Make contributions to workforce diversity
3. Show a commitment to life-long learning and continuous self-improvement
4. Become proficient in the oral and written communication of their work and ideas

Program Review

The departmental faculty has established a process to periodically review and revise its two program educational objectives after obtaining feedback from its primary constituent groups. The faculty also is committed to teaching professional and ethical responsibility by example and by practice. The active sponsored research activities of the faculty ensure the program curricula remain contemporary and motivate the need for life-long learning.

Technical Electives

Technical electives provide the student an opportunity to achieve a greater breadth of knowledge and some degree of specialization in selected areas of special interest. Electives are offered in computer engineering and the following five electrical engineering application areas.

1. **Microelectronics** deals with all aspects of (primarily solid-state) electronic devices, the analysis and design of analog and digital circuits, their implementation and fabrication using microelectronic techniques, and their application in a wide variety of systems

2. **Digital signal processing and control systems** concentrate on the design and analysis of systems in which discrete and continuous signals are used for conveying information and controlling physical systems and processes. Included are the encoding, decoding, and representation of information in both the time and frequency domain

3. **Communications** is concerned with the preparation, transmission, and reception of encoded information via media ranging from wires to fiber optic cables and space. Included are topics such as AM, FM, and pulse modulation techniques; 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.
Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in electrical and computer engineering satisfy this requirement by earning a grade of “C–” or higher in EEL 3705L.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101
2. ENC X102
3. MAC X311*
4. MAC X312*
5. MAC X313*
6. MAP X302
7. CHM X045/X045L or CHM X045C*
8. PHY X048/X048L or PHY X048C
9. PHY X049/X049L or PHY X049C
10. Six (6) semester hours in humanities
11. Six (6) semester hours in social science
12. Three (3) additional semester hours in humanities or social science

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Common Required Courses for Bachelor of Science Degrees and Dual Majors

All candidates for bachelor of science degree in electrical engineering (BSEE), bachelor of science degree in computer engineering (BSCpE), and bachelor of science degree in dual majors (BSEE and BSCpE) are required to complete a total of one hundred three (103) semester hours of common required courses, of which twenty-four (24) hours are English, social science, and humanities courses; forty-two (42) hours are engineering core courses (listed below); and thirty-seven (37) hours are required electrical and computer engineering courses (listed below).

Engineering Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>COP 3014</td>
<td>Programming I (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>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>
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<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>
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Required Electrical and Computer Engineering Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL 3111</td>
<td>Introductory Circuit Analysis (3)</td>
</tr>
<tr>
<td>EEL 3112</td>
<td>Advanced Circuits with Computers (3)</td>
</tr>
<tr>
<td>EEL 3112L</td>
<td>Advanced Circuits with Computers Laboratory (1)</td>
</tr>
<tr>
<td>EEL 3135</td>
<td>Signal and Linear Systems Analysis (3)</td>
</tr>
<tr>
<td>EEL 3300</td>
<td>Electronics (3)</td>
</tr>
</tbody>
</table>
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 (thirteen [13] 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 Tier-2 courses, technical electives, and special requirements.

Tier-2 Courses, Technical Electives, and Special Requirements for Dual Major

- One (1) semester hour must be an electrical engineering (EE) laboratory elective
- Nine (9) semester hours must be three (3) required Tier-2 electrical engineering courses
- Six (6) semester hours must be two (2) electrical engineering technical elective courses
- 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 department policies are subject to periodic review and change. Students are strongly urged to obtain current information from their academic adviser, the academic coordinator, or by visiting the departmental Web site at http://www.eng.fsu.edu/ece.

Academic Requirements and Policies

In accordance with ABET criteria, all engineering students are subject to a uniform set of academic requirements agreed to by Florida A&M University and Florida State University. These requirements have been established to ensure that program graduates receive a quality education and make reasonable progress toward satisfying engineering major degree requirements. Students are directed to the “FAMU–FSU College of Engineering” chapter of this General Bulletin and the departmental Web site (http://www.eng.fsu.edu/ece) for a list of all academic requirements and policies.

ECE Course Prerequisite Requirement

In addition to the college course prerequisite requirements, the Department of Electrical and Computer Engineering requires students to have obtained a grade in the range of “C” in all courses listed as prerequisites for the department’s engineering core courses.

Definition of Prefixes

EEE—Engineering: Electrical and Electronic
EEL—Engineering: Electrical

Undergraduate Courses

Eee 4450. Modeling and Simulation of Semiconductor Devices (3). Prerequisite: EEL 3300. This course covers various numerical techniques for the modeling and simulation of semiconductor devices, such as pn-junctions, metal-oxide semiconductor contacts, metal-oxide-semiconductor field effect transistors, and bipolar devices. Special emphasis is on the description and simulation of electrostatic fields and charge transport in semiconductor devices.

Eel 3003. Introduction to Electrical Engineering (3). Prerequisite: MAC 2312; PHY 2049C. Introduction to electrical engineering concepts for non-electrical engineering majors. Covers a broad range of topics including basic circuit theory, semiconductor devices, instrumentation, amplifiers, and machines. Not accepted for credit toward BSEE and BSPC.

Eel 3003L. Introduction to Electrical Engineering Laboratory (1). Prerequisite: 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 taken if EEL 3003 is dropped.

Eel 3111. Introduction to Communications (3). Prerequisite: MAC 2312; PHY 2049C. Current, voltage, and power; resistors, inductors, and capacitors; network theorems and laws; operational amplifiers, phasors; impedances; sinusoidal steady-state analysis.

Eel 3112. Advanced Circuits with Computers (3). Prerequisite: EEL 3111. Corequisite: MAP 3305.3.5. Introduction and measuring techniques; current, voltage, and power measurements; response of passive circuits; AC and DC design; computer application.

Eel 3135. Signal and Linear System Analysis (3). Prerequisite: EEL 3112; MAP 3305. Classification and representation of signals and systems; Laplace transform; Z-transform; convolution; state variable techniques; stability and feedback.

Eel 3216. Fundamentals of Power Systems (3). Prerequisite: EEL 3112. Introduction to the fundamentals of energy conversion; structure of power systems; and power system components. Transformers, rotating machines, and transmission lines. The operation and analysis of power systems are presented.

Eel 3300. Electronics (3). Prerequisite: EEL 3112. Diode models and circuits; DC biasing of bipolar-junction and field-effect transistors; small- and large-signal transistor models; and analysis of single-stage AC amplifier.

Eel 3300L. Electronics Laboratory (1). Prerequisite: EEL 3112; 3112L. Corequisite: EEL 3300 Laboratory in support of EEL 3300.

Eel 3306. Electromagnetic Fields I (3). Prerequisite: EEL 3302; MAP 3306. The electrostatic field—Gauss’s law; boundary conditions; capacitance; Laplace’s and Poisson’s equations; energy, forces, and torques. The steady electric current. The magnetostatic field—magnetic vector potential; Ampere’s and Faraday’s laws; inductance; energy, forces, and torques. Quasistatic fields; electromagnetic induction.

Eel 3437. Electromagnetic Fields II (3). Prerequisite: EEL 3432. Maxwell’s equations, plane electromagnetic waves, group velocity, polarization, Poynting vector, boundary conditions; reflection and refraction of plane waves, skin effect, transmission line analysis, impedance matching, wave guides and cavity resonators, fundamentals of radiation and antennas.

Eel 3512. Introduction to Communications (3). Prerequisite: EEL 3112; MAP 3306. Signal analysis, waveform series theory time domain signals, and frequency domain signals.

Eel 3705. Digital Logic Design (3). Prerequisite: CS 3408. Fundamental topics in digital logic design, algorithms, computer organization, assembly-language programming, and computer engineering technology.

Eel 3705L. Digital Logic Laboratory (1). Prerequisite: COP 3014. Corequisite: EEL 3705. Laboratory in support of EEL 3705.

Eel 3949Y. Cooperative Work Experience (0). Prerequisite: EEL 3405. Corequisite: COP 3014. This course introduces EEE 3405.

Eel 4213. Power Systems I (3). Prerequisite: EEL 3302. Analysis of electric power systems, including modeling for large-scale power networks; admittance and impedance matrix formation; power flow; optimal dispatch; symmetrical components; balanced and unbalanced fault analysis; and transient stability studies.

Eel 4220. Electromechanical Dynamics (3). Prerequisite: EEL 3216, 3472. The study of mechanical circuits, electromagnetic torque, and induced voltages and currents. Topics covered include induction motors, variable speed drives, Park’s transforms, synchronous machines and generator controls, DC machines, and drives. Power Electronics (3). Prerequisite: EEL 3305, 3300. The purpose of this course is to develop a basic understanding of using switched electronic circuits for the conversion and regulation of power. The course focuses on the basic converters and their steady state analysis. Dynamic modeling analysis, controller design, power semiconductor devices, and simulation also are covered.

Eel 4244. Power Conversion and Control (3). Prerequisite: EEL 3112, 3300. This course introduces solid-state power conversion and control circuits, including analysis and design of nonlinear multi-stage power electronic circuits. Additional topics include converters, DC-to-AC and DC-to-D converters, waveshaping and waveforming generators including oscillators, voltage regulators, and power circuits. Includes use of computer-aided-design programs.

Eel 4301. Electronic Circuits and Systems Laboratory (1). Prerequisite: EEL 3300, 3300L. Advanced electronic laboratory.

Eel 4313. Introduction to Digital Integrated Circuit Design (3). Prerequisite: EEL 3300. Solid-state device physics, digital logic fundamentals, static and dynamic logic circuits, logic gate analysis, dynamic switching analysis, combinational logic design.

Eel 4360. Microelectronics Engineering (3). Prerequisite: EEL 3300, 3300L. Design and fabrication of solid-state devices. Topics include oxidation, diffusion, metalization, photolithography, and device characterization.


Eel 4633. Feedback Amplifier Principles (3). Prerequisite: EEL 3300. This course introduces basic concepts of multi-stage audio-frequency amplifiers, including feedback and frequency compensation. Feedback principles and power supplies, operational amplifiers, active filters, approximation methods; switched-capacitor filters.

Eel 4376C. Introduction to Analog IC Design (3). Prerequisite: EEL 4301. Design and analysis of bipolar and MOS analog integrated circuits. Topics include operational amplifier design, analog multipliers, active loads, current sources, and active filters.

Eel 4377. Mixed Signal ICs (3). Prerequisite: EEL 4313 or 4376C. This course addresses mixed signal computer and control circuits using analog and digital integrated circuits. Topics include fundamental properties of sampled data systems, nonlinear and dynamic analog circuits, Nyquist-rate data conversion, over-sampling data converters, and digital filters, as well as the use of computer-aided design programs.

Eel 4415. Sonar (3). Prerequisite: EEL 3473, 3512. This course introduces basic concepts of sonar systems including sensors. Topics include target strength, reverberation, beamforming, beamforming, and synthetic aperture sonar.

Eel 4435L. Electromagnetics Laboratory (3). Prerequisite: EEL 3473. Laboratory course in electromagnetic theory. Experiments include field mapping, transmission lines, spectrum analysis, impedance matching, waveguides, antennas, radar, and fiber optics.

Eel 4440. Optoelectronics and Optical Systems (3). Prerequisite: EEL 3300, 3473. Theory and application of optical techniques in modern electronics and communications. Includes a study of optical fibers, sources, detectors, optical communication systems, integrated optics, holography, and principles of optical signal processing.
EEL 4540. Optical Sensors (3). Prerequisites: EEL 3473, 3512. This course examines the basic concepts of optical sensors and essential optics. Topics include intensity, phase, and frequency-modulated optical systems and their applications, distributed sensing systems, and optical fibers in signal processing.

EEL 4461. Antenna Systems (3). Prerequisite: EEL 3473. Antenna theory, including Herztian dipoles, thin linear antennas, aperture antennas, arrays, loop antenna, slots, horns, and waveguides.


EEL 4514. Principles of Communications Systems (3). Prerequisite: EEL 3512. Introduction to Fourier analysis of noise and signals; information transmission; modulation techniques AM, FM, and pulse; analog multiplexing.


EEL 4566. Optical Fiber Communications (3). Prerequisites: EEL 3473, 3512. This course offers a review of the characteristics of basic optical components for optical communications systems. Topics include optical fibers, light sources, optical detectors and fiber connectors; signal degradation in optical fibers, optical analog and digital communication systems; and coherent optical fiber communications.

EEL 4595. Wireless Communications and Networking (3). Prerequisites: COP 3014 or equivalent; EEL 3151, 4021. This course covers the fundamentals of wireless communications and systems. The core topics include radio-wave propagation characteristics of wireless channels; modulation and demodulation techniques for mobile radio; reception techniques for wireless systems; fundamentals of cellular communications; multiple access techniques; wireless networking; and hybrid networking of a wireless system and the Internet.

EEL 4596. Advanced Topics in Communications (3). Prerequisites: EEL 3512, 4021. This course is designed to provide an indepth knowledge of the advances topics in communications. Topics covered include ideal communication systems, signal to noise ratio (S/N) for amplitude and angle modulation, design of systems to improve S/N ratio, satellite communication, and mobile communication.

EEL 4603. Digital Control Systems (3). Prerequisite: EEL 4652. Discrete time systems; Z-transform; sampling and reconstruction; system time-response characteristics; stability analysis; digital controller design.

EEL 4652. Analysis and Design of Control Systems (3). Prerequisite: EEL 3153. Continuous system modeling; stability of linear systems; frequency response methods; the root locus method; state-space methods.

EEL 4712. Introduction to Field Programmable Logic Devices (3). Prerequisites: EEL 3705, 3705L. Overview of PLD, CPLD, and FPGA devices; introduction to hardware description languages (HDLs); combinational, sequential, and FSM design using HDLs; introduction to top down design methodologies.

EEL 4713. Computer Architecture (3). Prerequisites: CGS 3408; EEL 4746. Modern computer architectures are presented by studying how the relationships between hardware and software impact performance, machine language definition, processor data path and control design, instruction set architecture, pipelining, and advanced design methodologies.

EEL 4746. Microprocessor-Based System Design (3). Prerequisites: EEL 3705, 3705L. Fundamental topics in basic computer design, structured assembly-language software design, RTL, CISC, RISC design, pipelining and superscalar, 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. Corequisite: EEL 4746. Laboratory software development, hardware projects, and experiments in support of EEL 4746.

EEL 4748. Embedded Microcomputer Design Project (3). Prerequisites: EEL 4746, 4746L. Individual projects selected with consent of instructor. Selected lectures and an open-door Motorola 68000 laboratory.

EEL 4810. Introduction to Neural Networks (3). Prerequisites: EEL 3313, 3300. Fundamentals of neural networks: dynamical systems, associative memories, perceptions, supervised/unsupervised learning algorithms, applications in signal processing, pattern recognition, control, optimization, and communications.

EEL 4905. Directed Individual Study (1–3). Prerequisites: Junior-level standing and “B” average in electrical engineering courses. Normally may be repeated to a maximum of six (6) semester hours. Requires department approval.

EEL 4906. Honors Work in Electrical Engineering (1–6). Prerequisite: Acceptance in honor program. Independent or directed research in a specialized area beyond the current curriculam in electrical engineering. May be repeated for a total of nine (9) semester hours.

EEL 4911. Senior Design Project I (1). Prerequisites: Senior standing; permission of instructor. This course introduces designing for electrical and computer engineers, as well as system design concepts of specifications, analysis, synthesis, and manufacturability. Project management skills and team dynamics concepts are developed. Oral and written presentations are required.

EEL 4911C. Senior Design Project I (3). Prerequisite: Permission of department. Senior students work in teams to design, build, and test computer engineering devices or systems under the direction of a faculty member. Open-ended design experience with a practical problem applies a broad spectrum of engineering knowledge. Periodic written reports and oral presentations and a final written report are required. The lecture material and texts provide instructions on general problem execution, technical writing, and engineering economics.

EEL 4914C. Computer Engineering Senior Design Project II (3). Prerequisite: EEL 4911C. Senior students work in teams to propose, design, build, and test computer engineering devices or systems under the direction of a faculty member. Open-ended design experience with a practical problem applies a broad spectrum of engineering knowledge. Periodic written reports and oral presentations and a final written report are required. The lecture material and texts provide instructions on general problem execution, technical writing, and engineering economics.

EEL 4914L. Computer Engineering Senior Design Project Laboratory (3). Prerequisite: EEL 4911. This course consists of a major multi-disciplinary design project in computer engineering which involves hardware, software, and/or theoretical design. Project should incorporate engineering standards and realistic constraints. Formal oral and written presentations of the project are required.

EEL 4915C. Electrical Engineering Senior Design Project II (3). Prerequisite: EEL 4911C. Senior student work in teams to propose, design, build, and test electrical engineering devices or systems under the direction of a faculty member. Open-ended design experience with a practical problem applies a broad spectrum of engineering knowledge. Periodic written reports and oral presentations and a final written report are required. The lecture material and texts provide instructions on general problem execution, technical writing, and engineering economics.

EEL 4930C. Special Topics in Electrical Engineering (1–3). Prerequisite: Instructor consent. Special topics in electrical engineering with emphasis on recent developments. Topics and credit vary; consult the instructor. May be repeated to a maximum of twelve (12) semester hours.

Graduate Courses

EEL 5352. Analysis of Quantum Scale Semiconductor Devices (3).

EEL 5025. Computational Electrical Engineering (3).

EEL 5173. Signal and System Analysis (3).

EEL 5247. Power Conversion and Control (3).

EEL 5250. Power Systems Analysis (3).

EEL 5270. Power System Transients (3).

EEL 5315. Digital Integrated Circuit Design (3).

EEL 5317. Power Electronics (3).

EEL 5330. Solid State Sensors (3).

EEL 5378. Mixed Signal ICs (3).

EEL 5416. Sonar (3).

EEL 5426. RF/Microwave Circuits I (3).

EEL 5427. RF/Microwave Circuits II (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 5794. Computer Network Design and Analysis (3).

EEL 5812. Advanced Neural Networks (3).

EEL 5905r. Directed Individual Study (1–3).

EEL 5910r. Supervised Research (1–5). (S/U grade only.)

EEL 5930r. Special Topics in Electrical Engineering (3).

EEL 5940r. Supervised Teaching (1–5). (S/U grade only.)

EEL 6266. Power Systems Operation and Control (3).

EEL 6353. Semiconductor Device Theory (3).

EEL 6457r. Advanced Topics in Optoelectronic Systems (3).

EEL 6502. Digital Signal Processing I (3).

EEL 6558r. Advanced Topics in Digital Signal Processing (3).

EEL 6905r. Directed Individual Study (1–3).

EEL 6930r. Special Graduate Topics in Electrical Engineering (3).

EEL 6932r. Electrical and Computer Engineering Seminar (0).

For listings relating to the master’s and doctoral programs in electrical engineering, consult the Graduate Bulletin.

ELEMENTARY EDUCATION: see Childhood Education, Reading, and Disability Services
Department of ENGLISH

COLLEGE OF ARTS AND SCIENCES

Chair: R. M. Berry; Eppes Professor: Butler; Fred L. Standley Professor: Fenstermaker, William Hudson Rogers Professor: McElrath, Sarah Herndon Professor: Gontarski; Bertram H. Davis Professor: Boehler, Janet Burroway Professor: Winegardner; Lawton Professor: Kirby; George Matthew Edgar Professor: Taylor; Kellogg Hunt Professor: Yancy; Professors: Berry, Burke, Crook, Daileader, Fowler, Johnson, O’Rourke, Roberts, Rowe, Suarez, Treahrne; Associate Professors: Belieu, Coldiron, Cooper, Epstein, Faulk, Fleckenstein, Gardner, Goodman, Laughlin, McGregor, Montgomery, Moore, Picart, Rai, Saladin, E. Stuckey-French, Vitkus, Walker, Ward, Warren; Assistant Professors: Baggott, Edwards, Kennedy, Kimbrell, Mikkelson, Neal, Shinn, N. Stuckey-French, Vann; Professors Emeriti: Bickley, Burroway, Davis, Lhamon, Standley

The Department of English offers students a curriculum that is central to the modern liberal arts education. One of the largest degree programs in the College of Arts and Sciences, the undergraduate major in English allows students to emphasize literature or writing; students may also pursue other specialized programs such as honors in the major, an English major with an emphasis in business, teaching certification, or independent courses of study. In addition to its primary benefits to intellectual growth, the English major also offers practical preparation for professional careers in teaching, professional writing, law, medicine, business, religious affairs, and all levels of government service—local, state, and federal.

The study of literature includes not only contemporary texts but also all the historical periods of British, American, and other literature. In addition to familiar period or major authors courses such as the Victorian novel or Chaucer, students will also find courses in related subjects such as linguistics, popular culture, gender studies, and ethnic literature. All of these courses contribute to the student’s knowledge of human culture and how literary texts as cultural artifacts relate to other bodies of human knowledge such as philosophy, history, religion, psychology, classics, and modern languages.

The study of writing allows students to work not only in the familiar genres of poetry, fiction, drama, and the essay, but also to study related subjects such as rhetoric and composition theory. Students may also study the editorial and publishing process and take up internships in editing and publishing in a variety of settings.

The English honors program, traditionally the largest in the University, invites the very best students to supplement regular major work with specialized seminars and independent thesis work. Other options such as the English/business program or teaching certification allow students to supplement the major with rigorous and substantial minor courses of study.

A variety of activities and facilities are available to all majors. Two literary magazines, Kudzu Review and The Southeast Review, are published in the University. Many students gain journalistic experience by writing for the independent campus newspaper, the FSView & Florida Flambeau. The department sponsors a year-long visiting writers series that brings twelve to fourteen writers and scholars to campus each year. The English department, in conjunction with the campus-wide Seven Days of Opening Nights program, also promotes headline writers, such as John Updike and Amy Tan. In addition, the department has developed a series that 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 honors: the Fred L. Standley Award for Undergraduate Excellence in English, the George Harper Award for Outstanding Essay Writing, the Betty Corry Award for Outstanding Undergraduate Creative Writing, the Cody Harris Allen Undergraduate Writing Award, the John MacKay Shaw Academy of American Poets Award, the George Yost Essay Award, and the Mart P. and Louis Hill English Honors Thesis Award.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in English satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, or EME 2040.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

**ENC X101 and ENC X102; or six (6) semester hours of courses taught in the Department of English each with 6,000 words of evaluated writing for a total of 12,000 words**

College 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)

Requirements for a Major in English

General Requirements: Thirty-three (33) semester hours of English in courses numbered above 1999. At least twenty-one (21) semester hours must be in courses at the 3000 and 4000 levels, including at least nine (9) semester hours at the 4000 level. Honors thesis hours may be applied toward the bachelor of arts (BA) degree, but only three (3) semester hours will be accepted for major credit. Majors who complete teacher certification requirements may count three (3) semester hours of internship elective credit at the 3000 level. One English course used to satisfy the humanities requirement for liberal studies may be counted as part of the major. All courses counted toward the major must carry the grade of “C–” or better. A minor in another department is also required; all courses counted toward the minor also must carry the grade of “C–” or better.

Each student will choose one of the following areas:

1. Concentration in Literature
   a. Three (3) semester hours in ENGL 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)

v. Three (3) semester hours in other literature courses at the 3000 or 4000 level

c. Electives: Twelve (12) semester hours in other English courses

2. Concentration in Writing

a. Writing Courses: Fifteen (15) semester hours in at least two of the following categories, of which at least nine (9) semester hours shall be in workshop courses. Workshop courses with the “r” designation are repeatable with the instructor’s permission.

Note: Only three (3) semester hours of ENC 3310r Article and Essay Workshop may count toward the nine (9) semester hours in workshop courses.

i. Article and Essay: ENC 3310r, ENC 4311r; ENG 4020; ENC 4212, ENC 4500, ENC 4942r

ii. Fiction: CRW 3110, CRW 4120r

iii. Poetry: CRW 3311, CRW 4320r

iv. Drama: CRW 3410, CRW 4420r

b. Literature Courses: Fifteen (15) semester hours of literature, of which at least three (3) semester hours shall be in English literature before 1900

c. Electives: Three (3) semester hours in other English courses

3. Concentration in English Studies

Students desiring to structure their own concentrations may propose a coherent program emphasizing, for example, a period, a genre, a theme, theory, and criticism, or a combination of areas such as popular culture and film. The proposal, formulated in close consultation with and approved by the student’s advisor, should include a total of at least twenty-four (24) semester hours at the 3000 and 4000 levels (nine [9] of these twenty-four [24] semester hours must be at the 4000 level in English and nine [9] may be in relevant courses outside the department). The proposal must be submitted to the faculty undergraduate committee for approval before midterm in the last semester of the student’s junior year. To be eligible for the concentration in English studies, students must have at least a 3.0 cumulative GPA.

Honors in the Major

The Department of English offers honors in the major to encourage talented students to undertake independent research through two special seminars and two semesters of thesis work. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and the Director of Undergraduate Studies in English.

English Major with an Emphasis in Business

This program is designed for those students who are interested in a liberal education that will at the same time give them maximum preparation for a business career. The curriculum combines extensive training in the broad field of the liberal arts with specialized training in the field of business. At the end of four years the student graduates with a bachelor of arts degree with a major in English and an emphasis in business. Students pursuing this program will meet the requirements of the English major and take a specified number of hours in business, normally thirty (30) semester hours. For a list of the business courses required and other information concerning the program, the student should contact the Director of Undergraduate Studies in English or the departmental academic advisers. This program, emphasis in business, is in contrast to the eighteen (18) semester hours that constitute a minor in business for arts and sciences majors.

Requirements for a Minor in English

Minor: At least twelve (12) semester hours in English courses numbered above 1999. Students must have at least a “C-” average in the minor.

Definition of Prefixes

AML—American Literature
CRW—Creative Writing
ENC—English Composition
ENG—English: General
ENL—English Literature
LAE—Language Arts and English Education
LIN—Linguistics
LIT—Literature
REA—Reading

Undergraduate Courses

AML 2019. American Literature to 1875 (3). Important writings by representative American authors from the colonial period through the post Civil War era. Typically included are Franklin, Irving, Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Douglass, and Emily Dickinson.

AML 2041. American Authors Since 1875 (3). Significant works by representative Realists, Naturalists, Modernists, and contemporary writers. Authors typically covered include Twain, James, Crane, Chopin, Eliot, Hemingway, Frost, Fitzgerald, Faulkner, Wright, Baldwin, Morrison, and Walker.

AML 3041. American Authors Since 1875 (3). Significant works by representative Realists, Naturalists, Modernists, and contemporary writers. Authors typically covered include Twain, James, Crane, Chopin, Eliot, Hemingway, Frost, Fitzgerald, Faulkner, Wright, Baldwin, Morrison, and O’Connor.

AML 3311. Major Figures in American Literature (3). Examination of selected works of major American writers.

AML 3630. Latina/o Literature in English (3). Introduction to landmark Latina/o works written in English.

AML 3673. Asian American Literature (3). This course introduces students to selected works of Asian American literature, focusing on Asian Island, Pacific Islander, Filipino, Chinese, Japanese, Cambodian, and Vietnamese American writers. Common topics include issues of diaspora, displacement, and cross-cultural identity.

AML 3682. American Multi-Ethnic Literature (3). Introduction to cross-cultural literary traditions, looking at historical rationales and interconnections among communities as well as the cultural differences.


AML 4281. Literature of the South (3). Survey from Colonial times to the present, including Byrd, Poe, Simms, Cackle, Faulkner, Warren, O’Connor, and others.


AML 4680r. Studies in Ethnic Literature (3). Advanced study offering a survey of a particular ethnic literary tradition and adopting a cultural studies model. May be repeated up to a maximum of twenty-four (24) semester hours.

CRW 3110. Fiction Technique (3). Analysis of and exercises in the elements of fiction: point of view, conflict, characterization, tone, and image.

CRW 3311. Poetic Technique (3). For aspiring poets and critics. Study of the elements of poetry, some practice in writing poetry.

CRW 3410. Dramatic Technique (3). An introduction to playwriting, with emphasis on the mechanics of the written drama to production. Both published plays and student work will be analyzed.

CRW 4120r. Drama Workshop (3). Prerequisite: Permission of instructor. Practice in short story, novel, or novel. Students will be expected to work toward submission and publication of manuscripts. May be repeated for a total of twenty-four (24) hours credit.

CRW 4320r. Poetry Workshop (3). Prerequisite: Permission of instructor. For poets who approach excellence and aspire toward publication. May be repeated for a total of twenty-four (24) hours credit.

CRW 4420r. Drama Workshop (3). Prerequisite: Permission of instructor. Students will write, revise, and prepare for submission a one to three-act play; playing time: not less than one hour. May be repeated to a maximum of twenty-four (24) semester hours.

ENC 1101. Freshman Composition and Rhetoric (3). Drafting and writing of expository essays and a journal for a total of 7,000 words. May not be taken by students with credit in ENC 1100. No auditors.

ENC 1102. Freshman Writing, Reading, and Research (3). Prerequisite: ENC 1101 or 1149. No auditors.

ENC 1142. Freshman Composition and Rhetoric: Honors (3). This accelerated course is designed for honors students. Therefore, their level of performance will be expected to exceed the level attained by students in ENC 1101. Enrollment through the honors program.

ENC 1121. Freshman Writing About Literature: Honors (3). As a literature-based composition course, essay topics will be drawn from selected short stories, drama, and poetry. This accelerated course is designed for honors students; thus, their level of performance will be expected to exceed the level attained by students in ENC 1102. Enrollment through the honors program.

ENC 1142. Freshman Imaginative Writing Workshop (3). Prerequisite: ENC 1101 or 1149. Freshman-level creative writing with some critical analysis of literature; emphasizes workshop atmosphere with class participation. Workshops offered in both poetry and fiction. Written work will total 7,000 words. Should not be taken by students with final grades below C in ENC 1101. No auditors.

ENC 1144. Freshman Article and Essay Workshop (3). Prerequisite: ENC 1101 or 1149. Designed to help students attain a level of competency in nonfiction prose beyond that attained in ENC 1101. Emphasizes workshop atmosphere with class participation. Written work will total 7,000 words. No auditors.
ENC 1145. Freshman Special Topics in Composition (3). Prerequisite: ENC 1101 or 1149. Freshman-level nonfiction prose writing on selected subjects for a total of 7,000 words.

Topical variation. May be repeated to a maximum of nine (9) semester hours.

ENC 1905c. Improving College-Level Writing (1–3). (SU grade only.) Individualized program of instruction in writing, including CLAST CLAST. Open to students from all levels and major areas. May be repeated for a maximum of three (3) semester hours.

ENC 3310. Art of Workshop (3). Writing of non-creative prose. Paper totaling 8,000 words. Five private conferences. For students above the freshman level. May be repeated to a maximum of six (6) semester hours. This course will satisfy up to 7,000 words of writing requirement of the Board of Education Rule 10.030.

ENC 4212. Editing: Manuscripts, Documents, Reports (3). Actual editing of another’s work, synthesizing another’s ideas and data, structuring and clarifying.

ENC 4311. Advanced Film Theory and Essay Writing I. Prerequisite: Permission of instructor. Writer-editor relationship between student and instructor. For writers who aspire toward publication. May be repeated to a maximum of twenty-four (24) semester hours.

ENG 3000. British Drama (3). The history of the British drama and its current representation on the London stage. Students interested in all forms of English drama by Shakespeare’s contemporaries and colleagues should take this course. The course is cross-listed with ENL 3000.

ENG 3310. Film Genres (3). Film as a means of exploring the problems of genre studies: relationship to literary genres, historical continuity, transfiguration of genre in the film medium. A study of genre as a symbolizing and classifying device. Prerequisite: ADT 2000 or ENG 3000.

ENG 3500. Irish Drama (3). This course surveys the major plays of the Irish dramatists from the 18th century to the present. An introduction to the major Irish playwrights of the 20th century and to the plays which capture the history and politics of Ireland in the 20th century. Prerequisite: ENG 3000.

ENL 3300. Victorian Drama (3). Topics vary. For graduate English studies. May be repeated to a maximum of twenty-four (24) semester hours.

ENL 4013. Literary Criticism (3). An historical overview of critical texts that consider the na

ENG 4020. Rhetorical Theory and Practice (3). Prerequisites: ENC 3110, permission of instructor. Emphasis on contemporary developments in rhetoric and their applicability to writing for students who are interested in teaching writing. Focus on the writing of students who intend to teach writing. Prerequisite: ENG 3000.

ENG 4043. Contemporary Critical Theory (3). Prerequisite: Permission of instructor. A course engaging students in the art of understanding and analyzing literary texts as a genre by looking closely and critically at the forms, themes, techniques, and devices in selected poems from a variety of historical periods. Prerequisite: CON 4013.

ENG 4273. Modern British Literature (3). British poetry, fiction, and essays since 1900. Typically includes Hardy, Conrad, Joyce, Yeats, Lawrence, Woolf, Auden, and Lessing.

ENG 3184. Chaucer (3). The Middle Ages in England seen through the perspective of the Canterbury Tales read in Middle English.

ENL 4333. Shakespeare (3). Study of representative Shakespearean dramas and their relationship to the Renaissance. Typically includes attention to relevant contemporary intellectual, historical, and political movements. Prerequisite: ENG 3000.

ENL 4341. Milton (3). Milton’s life and works; emphasis on Lycidas, Paradise Lost, Paradise Regained, Samson Agonistes, and Milton’s important libertarian prose.

ENG 2044. Introduction to Drama (3). The relationship of a play to its historical period, setting, acting, and sound in language, including language acquisition, dialects, and grammar.

LIT 2101. Introduction to Fiction (3). This course introduces students to such narrative forms as the short story, the novel, and the novella. The presentation and interpretation of various fiction texts and the critical approaches to their interpretation and analysis.

LIT 2102. Introduction to the Short Story (3). Tone, narrative, form, and theme in representative short stories. May be repeated to a maximum of six (6) semester hours.

LIT 2103. Introduction to Poetry (3). This course engages students in the art of understanding and analyzing poetry as a genre by looking closely and critically at the forms, themes, techniques and devices in selected poems from a variety of historical periods.

LIT 2081. Contemporary Literature (3). Poetry, fiction, drama from WW1 to the present. For beginning students.

LIT 2230. Introduction to Global Literature in English (3). Introduction to English-language literature from countries that were former British colonies in Africa, Asia, and the Caribbean.

LIT 3043. Modern Drama (3). From O’Neill, Pirandello, Miller, and Theatre of the Absurd to the present. Prerequisite: LIT 2081.

LIT 3383. Women in Literature (3). An examination of the representation of women in literature.

LIT 4031. Modern Poetry (3). Prerequisite: Permission of instructor. Emphasis on contemporary developments in poetry and their applicability to writing. Focus on the writing of students who intend to teach poetry. Prerequisite: LIT 4013.

LIT 4034. Postmodern and Contemporary Poetry (3). Prerequisites: ENC 1102, 1112 or equivalents. In this course, students analyze and discuss the themes and techniques associated with poetry in postmodern and contemporary time. Prerequisite: LIT 4013.

ENG 4115. Film Theory (3). This course surveys critical and important theories of film from the 1920s work of Eisenstein through the 1970s “gaze” theories of Metz and Mulvey, to the present. The course emphasizes what distinguishes film from other arts as well as its sociopolitical causes and consequences. Prerequisite: ENG 3000.

ENG 4905b. Honors Thesis Body (1–3). Topic to be approved by the director of undergraduate English studies. May be repeated to a maximum of twenty-four (24) semester hours.

ENG 4932a. Studies in English (1–3). Topics vary. For senior majors and qualified students. May be repeated to a maximum of twenty-four (24) semester hours.

ENG 4934. Senior Seminar in Literature (3). Prerequisites: Ninety (90) semester hours of college work. Topics vary. Required for senior English majors concentrating in literature. Does not count toward the English major concentration.

ENG 4936a. Honors Thesis (1–6). Prerequisite: Permission required. For English honors students only. The honors student takes two semesters of thesis work. May be repeated to a maximum of twenty-four (24) semester hours.

ENG 4938a. Advanced Seminar in English (3). For English honors students only. The honors student takes two seminars. Permission required. May be repeated to a maximum of six (6) semester hours.

ENL 2012. British Authors: Beginnings to 1790 (3). Survey of English literature in the precritical period through the 18th century. Prerequisite: ENG 3000.

ENL 3212. British Drama: History, Text and Criticism (3). This course is an introduction to the history of the British drama and its current representation on the London stage. Students read and attend performances of plays from the major periods of British literary and dramatic history, from Shakespeare to the modern drama. Prerequisite: ENG 3000.


ENL 3334. Introduction to Shakespeare (3). An introduction to the study of Shakespeare at the college level. Consideration of representative works of comedy, history, tragedy, tragicomedy drawn from throughout the playwright’s career.

ENL 4112. The 18th-Century British Novel (3). Typically includes Defoe, Richardson, Fielding, Sterne, Burney, and Radcliffe.

ENL 4112a. The 19th-Century British Novel (3). Typically includes Scott, Thackeray, Dickens, Trollope, Eliot, and Hardy.

ENL 4132. The Modern British Novel (3). Typically includes Conrad, Lawrence, Joyce, Woolf, Greene, Spark, and Lessing.

ENL 4161. Renaissance Drama (3). English drama by Shakespeare’s contemporaries and successors from the mid-1500s to the middle of the 16th century.

ENL 4171. Restoration and 18th-Century Drama (3). Representative plays of the period 1660—1800. May include plays by Dryden, Etherege, Wycherley, Otway, Congreve, Farquhar, Steele, Rowe, Gay, Fielding, Goldsmith, and Sheridan.

ENL 4218. Middle English Romance (3). An introduction to the Medieval English romance tradition from its beginning with Geoffrey of Monmouth to Malory’s Morte d’Arthur.

ENL 4220. Renaissance Poetry and Prose (3). Lyric poetry and prose from Wyatt and Spenser to Shakespeare and secondary writer Philip Sidney. Prerequisite: ENL 3210.


ENL 4240. British Romantic Literature (3). Studies in poetry and prose from 1785 to 1832.

ENL 4251. Victorian British Literature (3). Studies in poetry and prose from 1830 to 1890.
The undergraduate major in entrepreneurship and small business management 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 with a major in entrepreneurship and small business management. They may also choose to double major by completing a major in any of the functional academic areas in the College of Business.

Students seeking the ESBM major first must be admitted to the College of Business. The final decision regarding admission to the ESBM major will be based on a student’s written application to the ESBM curriculum director. Students may apply each Fall and Spring semester. Information regarding admissions can be obtained from the College of Business Undergraduate Programs Office (RBB 328).

## Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in entrepreneurship and small business management satisfy this requirement by earning a grade of “C-” or higher in CGS 2100.

## 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* or CGS X100C*
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or OMB 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 “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 part of the general business breadth requirements and part of the major area requirements.

- ISM 3003 Foundations of 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)
Major Area Requirements

All entrepreneurship and small business management majors must complete eight (8) courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the entrepreneurship and small business management major area requirements. No course may be used to satisfy part of the major area requirements and part of the general business breadth requirements.

**GEB 3130** Introduction to Entrepreneurship and Small Business Management (3)

**GEB 4110** Business Plan Development (3)

**GEB 4113** Managing the Small to Mid-Sized Company (3)

**GEB 4131** Entrepreneurial Seminar (3)

Plus four (4) electives from the following list of courses:

- **ACG 3171** Analysis of Financial Statement Presentation (3)
- **ACG 3331** Cost Accounting and Analysis for Business Decisions (3)
- **FIN 4424** Problems in Financial Management (3)
- **GEB 4122** Seminar in Small Business Analysis and Assistance (3)
- **HFT 3000** Introduction to Hospitality and Tourism Management (3)
- **MAN 3504** Services Operations Management (3)
- **MAN 4301** Human Resource Management (3)
- **MAR 3323** Promotional Management (3)
- **MAR 3461** Principles of Purchasing (3)
- **MAR 4403** Sales Management (3)
- **REE 3043** Real Estate (3)

**Definition of Prefix**

**GEB**—General Business

**Undergraduate Courses**

**Note:** The following listed courses are restricted to 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 4113. Students have the opportunity to complete a business plan for the creation of a new venture. In the process of development, they will identify new or emerging opportunities for providing goods or services, demonstrate the need for such goods or services through market research, and develop financial statements for the proposed venture.

**GEB 4113** Managing the Small to Mid-Sized Company (3). Prerequisite: GEB 3130. This course addresses the management of rapidly growing entrepreneurial firms. Topics will include building an infrastructure, planning stage financing, managing under adversity, and managing a business with rapid growth.

**GEB 4122** Seminar in Small Business Analysis and Assistance (3). Prerequisite: Permission of the instructor. Selected seminars complemented by a 10-week, two-person student consulting team working with a local area entrepreneurial client. Closely supervised consultation with a comprehensive consulting report provided for each client.

**GEB 4131** Entrepreneurial Seminar (3). Prerequisite: GEB 4113. Focus on the financial strategies for survival and expansion of existing entrepreneurial businesses, as well as for developing new business ventures.

**GEB 4930R** Special Topics in Business (1–3). The content of this course varies to provide an opportunity to study current issues in business and topics not covered in other courses. May be repeated to a maximum of nine (9) semester hours as content varies. Prerequisites may vary as content varies; contact the department for further information.

**ENVIRONMENTAL ENGINEERING:**

see Civil and Environmental Engineering

**ENVIRONMENTAL PLANNING AND NATURAL RESOURCE MANAGEMENT:**

see Urban and Regional Planning

**ENVIRONMENTAL STUDIES:**

see Geography

**EVALUATION AND MEASUREMENT:**

see Educational Psychology and Learning Systems

**EVOLUTIONARY BIOLOGY:**

see Biological Science

**EXERCISE PHYSIOLOGY:**

see Nutrition, Food and Exercise Sciences

**Department of FAMILY AND CHILD SCIENCES**

**COLLEGE OF HUMAN SCIENCES**

Chair: Kay Pasley; Professors: Darling, Fincham, Krantz, Lee, R. Mullis, Ralston; Associate Professors: Cornille, A. Mullis, Readick, Rehm; Assistant Professors: Bojczyk, Currenton, McWey; Associate in Family and Child Science: Mills; Professors Emeriti: Dales, Greenwood, Hansen-Gandy, Hendrickson, Hicks, Pestle, Rapp, Ridley-Bell, Zongker

The Department of Family and Child Sciences offers three degree programs: family and child sciences, general human sciences, and family and consumer sciences education. All programs require maintaining a GPA of at least 2.5 in the courses required for graduation as part of the degree program.

Within the family and child sciences degree, students can emphasize either family and child development or family life education. Both emphases address family relations, marital interaction, parent-child interaction, and the growth and development of children within life course and applied developmental science perspectives. Both emphases also provide students with an introduction to working in applied settings, including human services agencies, educational settings, child care, and family advocacy. The unique focus of family life education is on courses that prepare students to develop and implement educational programs whose goal is to strengthen family life and that are directed toward children, youth, and families. This emphasis provides the necessary background to apply for certification from the National Council on Family Relations to become a “certified family life educator.” It does not lead to teacher certification in Florida.

Both emphases include human sciences general core courses, developmental courses in the major, and in the case of family and child sciences, an approved area of concentration in an allied field. Appropriate internships in applied settings are encouraged. Both emphases require four courses as prerequisites. Students must achieve at least a “B–” in FAD 2230, 3220, 3271, and CHD 2220. Individuals who apply for the major but who have not met the prerequisite requirements will be classified as Prerequisite Incomplete (PI) and cannot enroll in other classes in the major until these prerequisite classes are completed. Students who do not achieve a grade of “B–” may re-take these courses only once.

Within the general human sciences major, students take a variety of courses from the disciplines represented in the College of Human Sciences, including family and child sciences. The course content prepares students to take the Florida Teachers Examination (subject matter specific in Family and Consumer Sciences) as required for obtaining a temporary teaching certificate and ultimately being competitive for Florida’s Alternative Teacher Certification. The curriculum is not approved by the State Board of Vocational Education for permanent certification in the areas of the family and consumer science education program. With careful guidance by an adviser, students can prepare for meeting the various requirements that allow them to seek teaching positions in middle and secondary schools. The major also prepares students for positions in human services agencies and the Cooperative Extension Service.

The family and consumer sciences education program is a broad-based program preparing graduates to teach family and consumer sciences in middle and secondary schools, to work with the Cooperative Extension Service, and to assume a variety of educator positions in business, industry, and government. Students gain a background in the sub-
ject matter areas of human sciences and an understanding of the teaching-learning process and may apply for permanent teacher certification in this subject matter area.

The major in family and consumer sciences education includes specific liberal studies courses: BSC 1005; CHM 1020; ECO 2000; POS 1041; PSY 2012; and the following courses in the College of Human Sciences: CTE 1401, 1310, 3201; HUN 1201; FOS 3022, 3022L; HHD 3130; CHD 2220, 3240; FAD 2230; HME 4221; COA 4131 or 3151; HOE 3050; HEE 3103, 4300.

Curriculum guides stating specific degree requirements for the undergraduate majors are available through the Department of Family and Child Sciences and through our Web site, http://www.chs.fsu.edu/fcs.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in family and child sciences and general human sciences satisfy this requirement by earning a grade of "C-" or higher in CGS 2060 or CGS 2064. Undergraduate majors in family and consumer sciences education satisfy this requirement by earning a grade of "C-" or higher in CGS 2060, CGS 2064, or EME 2040.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for these degree programs:

Family and Child Sciences

1. One course (three [3] semester hours) with the PSY prefix
2. One course (three [3] semester hours) with the APB prefix
3. CHD X220
4. FAD X230
5. HUN X201

Human Sciences, General

1. CHM X020
2. CTE X310
3. CTE X401
4. ECO X013
5. FAD X230
6. HUN X125
7. HUN X201

Family and Consumer Sciences Teacher Education (Vocational)

1. EDF X005
2. EDG X701
3. EME X040
4. 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 X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Note: Courses in category 4 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 family and consumer sciences education major includes the requirements for teacher certification as established by the Florida Department of Education and qualifies graduates to teach both the consumer-homemaking and occupational aspects of family and consumer sciences in middle/junior high schools, high schools, and adult programs. The curriculum is approved by the State Board of Vocational Education.

Honors in the Major

The Department of Family and Child Sciences offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

HHE 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.

HHE 4912r. 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
HHE—Home Economics Education
HOE—Home Economics: General

Undergraduate Courses

Family and Child Sciences

CHD 2220. Child Growth and Development: The Foundation Years (3). The study of children from birth through middle childhood.

CHD 3472. Child Guidance (3). Prerequisite: Admission to major. Students will learn principles of positive guidance to apply in guiding children during early childhood, middle childhood, and adolescence in a variety of natural contexts, including home and school.

CHD 4225. Contexts for Early Childhood Development (3). Prerequisites: Admission to major and junior standing. Corequisite: FAD 4805. Students will learn to create contexts, relationships, activities, and environments for the enhancement of the physical, social, emotional, and cognitive development of young children from birth to five years of age in homes and other institutions.
CHD 4250. Middle Childhood Contexts (3). Prerequisites: Admission to the major and junior standing. Corequisite: FAD 4805. This course has been designed to examine development- al processes of school-age children and adolescents. This course is a prerequisite course for practice experiences with these age groups. Consequently, strategies for working with school-age children and adolescents also will be addressed.

CHD 4251. Adolescent Contexts (3). Prerequisite: Admission to the major. This course provides a basic understanding of adolescent development as it relates to human growth and development and learning through a multi-disciplinary perspective. Biological, cognitive, and psychosocial tasks of adolescence within contexts such as family, peer group, school, community, culture, and other learning environments are examined.

CHD 4537. Parenting (3). Prerequisite: Admission to the major. This course is a compre- hensive review of the contemporary theory and research in parenting. This course is orga- nized developmentally, focusing on the emerging needs, responsibilities, and skills required by parents at progressive stages of their children’s development.

CHD 4615. Public Policy: Child and Family Issues (3). Prerequisite: Admission to major or permission of instructor. Through readings, lecture, discussion, guest speakers, field work, research, and writing, students will become familiar with the process of formulating, imple- menting, 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 and practitioners will be examined. The impact of family policy will be analyzed with emphasis on enhancing the role of family and child professional- ism in policy process.


CHD 4905r. Directed Individual Study in Child Development (1–3). May be repeated to a maximum of nine (9) semester hours.

CHD 4944r. Internship: Child Development (1–12). (S/U grade only) Prerequisites: Senior standing and permission of instructor. Supervised practical field experiences in various profes- sional settings related to child development, including hospitals, extension service, educa- tion faculties, government agencies. Child development majors only. May be repeated to a maximum of twelve (12) semester hours.

FAD 2230. Family Relationships: A Life Span Development Approach (3). A study of fami- lies and interpersonal relationships in a changing society. Emphasis is on life cycle ap- proach 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 3271. Ecological Contexts for Individual and Family Development (3). 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). Prerequisite: Permission of instructor. Admission to 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 dif- ferences between family patterns when families are centered on growth related themes and when they are occupied with a variety of stressor events.

FAD 4265. Contexts for Family Development (3). Prerequisite: Admission to major. This course is designed to expose students to the diversity of families by race, ethnicity, social classes, and structures in an ecological context.

FAD 4451. Human Sexuality Education (3). This course examines sexuality throughout the lifespan regarding relationship issues and health concerns and provides training for profes- sionals and parents in sexuality education.

FAD 4455. Family Life Education (3). Prerequisite: Admission to the major. This course provides information and techniques needed to facilitate and evaluate home, school, and community relations through the family.

FAD 4691. Foundations of Counseling (3). Prerequisites: Senior standing, permission of instructor. Basic counseling skills for persons who, by nature of their work, are called upon to provide counseling. May be taken for graduate credit.

FAD 4805. Observation and Participation in Applied Developmental Science (3). Prerequisites: Admission to major and junior standing. Corequisites: CHD 4225 or 4250 or 4251. 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 oppor- tunities to work with family related materials with the work environment of child and family services and to develop basic intervention skills.

FAD 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maxi- mum of nine (9) semester hours.

FAD 4932. Professional Relations (1). Prerequisites: FAD 2230, 3271, 3432; CHD 2220, 4530, 4615. This course provides an overview of the principles used to guide conduct and assist practitioners in the family and child sciences in utilizing best practices and ethical conduct.

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. Methods of Teaching Family and Consumer Sciences (3). Prerequisite: Junior standing. This course develops teaching skills in daily lesson planning, delivery of content through various teaching strategies, identification of student needs, development of learning activities, and student assessment in family and consumer sciences. Observation/participa- tion required.


HEE 4300. Program and Curriculum Leadership in Family and Consumer Sciences Education (3). Prerequisite: HEE 3103. This course develops skills in family and consumer sciences pro- gram and curriculum leadership, long-range planning, sequencing of objectives, classroom organization and management systems, youth development, and assessment planning.

HEE 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maxi- mum of four (4) semester hours.

HEE 4941. Student Teaching (1–2). (S/U grade only.) Field experience in the teaching of vocational home economics.

Graduate Courses

Child Development Courses

CHD 5266. Advanced Child Development (3).

CHD 5617. Professional Development in Family and Child Sciences (1).

CHD 5618. Policy Development and Analysis in Child and Family Sciences (3).

CHD 5906r. Directed Individual Study (1–3). (S/U grade only.)

CHD 5912r. Supervised Research (1–3). (S/U grade only.)

CHD 5915. Methods of Research (3).

CHD 5919. Grant Writing in Family and Child Sciences (3).

CHD 5940r. Practicum in Child Development: Varied Ages (infancy, preschool, school-age) (3–9).

CHD 5942r. Supervised Teaching (1–3). (S/U grade only.)

CHD 6261. Theories of Child Development (3).

CHD 6264. Assessment Techniques for Children and Families (3).

CHD 6930r. Seminar in Child Development: Topics Vary and/or Ages Vary (prenatal, infancy, preschool, school-age through adolescence) (3–9).

Family Relations Courses

FAD 5256. Parent and Child Relations (3).

FAD 5261. Families in Crisis (3).

FAD 5263. Advanced Family Studies (3).

FAD 5481r. College Teaching in Family Sciences (2–3). (S/U grade only.)

FAD 5619. Professional Issues in Family and Child Sciences (3).

FAD 5909r. Readings in Family and Child Sciences (3).

FAD 5906r. Directed Individual Study (1–3). (S/U grade only.)

FAD 5912r. Supervised Research (1–3). (S/U grade only.)

FAD 5934r. Seminar in Family and Child Sciences (3–9).

FAD 5942r. Supervised Teaching (1–3). (S/U grade only.)

FAD 5944r. Internship: Family/Child (1–12).

FAD 5970. Special Project (3). (S/U grade only.)

FAD 6436. Theories of Family Sciences (3).

FAD 6450. Human Sexuality (3).

FAD 6606. Supervision in Marriage and Family Therapy (3).

FAD 6607. Family Therapy and Services Research Methods I (3).

FAD 6608. Family Therapy and Services Research Methods II (3).

FAD 6917. Methods in Family and Child Sciences (3).

FAD 6930r. Special Topics: Marital and Family Therapy (Topics Vary) (3–9).

FAD 6935r. Special Topics: Family and Child Development (Topics Vary) (3–9).

FAD 6940r. Practicum in Marital and Family Therapy (1–5).

Family and Consumer Sciences Education Courses

HEE 5160. Methods and Media in Home Economics Education (3).

HEE 5340. Home Economics Program Development (3).

HEE 5347r. International Home Economics (1–3).

HEE 5450. Educational Measurements and Evaluation (3).

HEE 5560. Supervision of Home Economics (3).

HEE 5651. History and Philosophy of Home Economics (3).

HEE 5900r. Readings in Home Economics Education (3–12).

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

HEE 5911r. Supervised Research (1–4). (S/U grade only.)

HEE 5935r. Special Topics in Home Economics Education (1–6). (S/U grade only.)

HEE 6180. College Teaching of Home Economics (3).

HEE 6936r. Home Economics Research Seminar (1–3).

The Department of Family and Child Sciences, through the programs in family and child sciences and family and consumer sciences educa- tion, 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.
Department of
FINANCE

COLLEGE OF BUSINESS
Chair: William A. Christiansen; Professors: Ang, Celiec, Clark, Coats, Humphrey, Lee, Osteryoung, Peterson; Associate Professors: Benesh, Christiansen; Assistant Professors: Auore, Cheng, Doran, Haslem, Hutton, Inci, Jiang; Associate in Finance: Smith; Fannie Wilson Smith Eminent Scholar in Banking: Humphrey; Patty Hill Smith Eminent Scholar in Finance: Lee; Bank of America Eminent Scholar in Finance: Ang; Wachovia Professor of Finance: Peterson; Jim Moran Professor of Entrepreneurship: Osteryoung; Robert C. Earnest Professor of Finance: Coats; Bank of America Professor in Finance: Christiansen

Finance is considered one of the basic functions of our private enterprise system. Finance can be defined as the art and science of managing money. Each of the many firms, businesses, institutions, and governmental agencies in our economic system has the problem of obtaining, administering, and managing funds efficiently and wisely. Nearly every decision made by an organization has important financial implications. Thus, the finance student is introduced to and studies the theory, concepts, applications, institutional environment, and analytical tools essential for proper decision making. Finance is designed as preparation for a broad variety of careers, since all organizations need individuals knowledgeable about finance. Careers may be in financial management and analysis, banking, financial institutions, financial markets, investments, portfolio analysis and management, financial planning, and multinational finance. Finance is also considered good preparation for graduate study in law or business.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in finance satisfy this requirement by earning a grade of "C–" or higher in CGS 2100.

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-degree program:

1. ACG X021 or ACG X001 and ACG X011
2. ACG X071
3. CGS X100* or CGS X100C*
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements

Program

Candidates for the bachelor of science (BS) or bachelor of arts (BA) degree with a major in finance must complete a minimum of one hundred twenty (120) semester hours. Normally, four semesters of work are devoted to the Liberal Studies Program and additional foundation courses in mathematics, economics, and statistics. The finance major must complete the business common body of knowledge, which includes work in accounting, quantitative methods, management, business law, marketing, computer science, business communications, and basic finance. The finance major requirements consist of an additional eighteen (18) semester hours of work in advanced finance and accounting courses.

Requirements for a Major in Finance

All students must complete the following: (1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; (2) the State of Florida common course prerequisites for finance majors; (3) the general business core requirements for finance majors; (4) the general business breadth requirements for finance majors; and (5) the major area requirements for finance majors.

Note: To be eligible to pursue a finance major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements for Finance Majors

All finance majors must complete the following five (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 for Finance Majors

All finance 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)
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 3003 Foundations of 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 (6) 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 4424 Problems in Financial Management (3)
FIN 4504 Investments (3)
Plus two (2) electives from the following list of courses:
FIN 4329 Current Issues in Banking (3)
FIN 4412 Short-Term Financial Management (3)
FIN 4453 Financial Modeling and Forecasting (3)
FIN 4514 Security Analysis and Portfolio Management (3)
Honors in the Major

The Department of Finance offers honors in the major to encourage talented students to undertake independent and original research as part of the undergraduate experience. For requirements and other information see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

ECP—Economic Problems and Policy
FIN—Finance
GEB—General Business
MAN—Management

Undergraduate Courses

FIN 3140. Personal Finance (3). A study of the concepts and processes in planning, analyzing, and controlling personal financial resources. Emphasizes financial planning, cash and credit management, managing expenditures, income and asset protection, investment planning, and retirement and estate planning. For nonbusiness majors only. Credit not allowed for business majors.


FIN 3403. Financial Management of the Firm (3). Prerequisites: ACG 2021; ECO 2023. Examination of the basic concepts involved in the investment, financing, and dividend decisions of the business firm. Managerial orientation with emphasis on identification, analysis, and solution of financial problems confronting the firm.

FIN 4324. Commercial Bank Administration (3). Prerequisites: FIN 3403, 3244. A study of the operations and administration of commercial banks and their role in the money and capital markets. Examines banking regulation, the lending function, investments, and the financial decision-making process.

FIN 4412. Short-Term Financial Management (3). Prerequisites: FIN 3244, 3403. Course focuses on the decisions impacting the short-term cash flows of organizations—public, private, governmental, and non-profit. Topics include: cash management, treasury management, and working capital management.

FIN 4424. Problems in Financial Management (3). Prerequisites: FIN 3244, 3403. An advanced study of financial management that relates the underlying principles of finance to the decision-making perspective of the financial manager. Selected topics include cash budgeting, working capital management, capital budgeting, risk analysis, valuation, long- and short-term financing, dividend decision, and financial forecasting. Case analyses are included.

FIN 4453. Financial Modeling and Forecasting (3). Prerequisites: FIN 4303; QMB 3200. An introduction to financial modeling and forecasting. Emphasis is on computer models and forecasting financial variables.

FIN 4504. Investments (3). Prerequisites: FIN 3403, 3244; STA 3014. An introduction to investment security analysis. Includes an examination of investment instruments, the investment environment, the concept of risk-return, and the interactive forces between the economy, industries, and individual firms.

FIN 4514. Security Analysis and Portfolio Management (3). Prerequisite: FIN 4504. An advanced and comprehensive coverage of investment topics including bond analysis, stock options, interest rate futures, options on futures contracts, portfolio analysis and management, and security market efficiency.

FIN 4604. Multinational Financial Management (3). Prerequisites: FIN 3403, 3244. Introduces the environment of international capital and foreign exchange markets and examines the effects of the international business environment on risk, capital budgeting, working capital management, and capital structure decisions of the firm.

FIN 4905. Directed Individual Study (1–3). This course permits study or exploration into a specialized topic of finance that is not included in one of the other finance courses. It also permits advanced and extensive study of finance topics beyond that included in the other finance courses. The study is conducted with the direct supervision of an individual faculty member. This course may not be used as one of the two required finance electives detailed in the major requirements. May be repeated to a maximum of five (5) times with the requirement that the topics change each time. Consent of the department chairperson is required.

FIN 4934r. Senior Seminar in Finance (3). Prerequisites: FIN 3403, 3244. May be repeated to a maximum of nine (9) semester hours as topics vary. Additional prerequisites may be required depending on the topic.

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

Graduate Courses

ECP 5706. Economic Analysis for Management (3).
FIN 5445. Problems in Financial Management (3).
FIN 5515. Investment Management and Analysis (3).
FIN 5665. Multinational Financial Management (3).
FIN 5960r. Directed Individual Study (1–3). (S/U grade only.)
FIN 5967r. Special Studies in Management (1–3).
travel agencies, and in transportation planning for airlines or trucking firms. Many institutions use geographic information systems (GIS), and consulting firms serving state and local governments are increasingly called on to provide GIS expertise. The College of Social Sciences has a geographic information systems laboratory with 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 human geography, geographic information science, and environmental analysis. Students can concentrate in one of these areas, but the natural linkages between them mean that courses in all three are necessary for a complete geographical education. In human geography, faculty interests cover a number of interrelated topics, including global geographic information science; power relationships; the terrain and tactics of war; social problems such as poverty and residential segregation, and the impact of policies designed to alleviate them; Latin America; medical geography; transportation; 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in geography and environmental studies satisfy this requirement by earning a grade of “C–” or higher in BSC 2010L, CGS 2060, CGS 2064 or CGS 2100.

State of Florida Common Course Prerequisites

The State of Florida has identified common core prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common core prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Two introductory courses (six [6] semester hours) in geography with the GEO prefix

Geography Major

Geography is an integrative discipline bridging the social sciences, physical sciences, and humanities in the study of the relations between human beings and the earth. Geography is fundamentally the study of space, much as history is the study of time. Why phenomena and events occur where they do, and the ramifications they have for other places and cultures, are essential geographic questions. Within this framework, geographers examine such issues as the linkages between international development and environmental conservation, the opportunities and problems associated with growth in Florida, the geographic bases of religious and linguistic conflicts, and the implications of economic restructuring on regional power balances, deforestation, and hunger. The value of a geographic perspective is that such issues become more than isolated events when they are given theoretical grounding and are placed in a broader context of global understanding. In an interdependent world where decisions made in one country affect the lives of people in all societies, responsible world citizenship requires a solid foundation in geographic knowledge.

Major Requirements

A major in geography consists of thirty-one (31) semester hours with a minimum overall GPA of 2.00, including the following five required core courses (16 credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 1400</td>
<td>Human Geography</td>
</tr>
<tr>
<td>GEO 2200C</td>
<td>Physical Geography</td>
</tr>
</tbody>
</table>

An additional course is required in one of the core areas of human geography (1 class, 3 credit hours).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 4162C</td>
<td>Spatial Data Analysis</td>
</tr>
<tr>
<td>GIS 3015</td>
<td>Map Analysis</td>
</tr>
<tr>
<td>GIS 4043</td>
<td>Geographic Information Systems and lab (4 credit hours)</td>
</tr>
</tbody>
</table>

Requirements for Minor

A geography minor consists of twelve (12) semester hours of course work in geography (GEO 1400 plus nine [9] additional hours) completed with a grade of “C–” or better. If a geography minor is combined with an environmental studies major, GEO2200C and one other course (up to seven [7] credits total) may count toward both the major and the minor.

For more information contact Dr. Dan Klooster, Undergraduate Adviser, Department of Geography, 318 Bellamy, (850) 644-8382 or dklooste@fsu.edu.

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 prerequisites.

I. Basic Core Curriculum: all of the following courses (total fourteen [14] credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010</td>
<td>Biological Science I and BSC 2010L (CHM 1045 is prerequisite)</td>
</tr>
<tr>
<td>CHM 1045</td>
<td>General Chemistry I and CHM 1045L</td>
</tr>
<tr>
<td>GEO 1330</td>
<td>Environmental Science (previously GEO 1331)</td>
</tr>
<tr>
<td>GEO 2200C</td>
<td>Physical Geography (previously GEO 3200C)</td>
</tr>
</tbody>
</table>

II. Natural Science Electives: four courses (total twelve [12] credit hours) from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2011</td>
<td>Biological Science II</td>
</tr>
<tr>
<td>BSC 3052</td>
<td>Conservation Biology</td>
</tr>
<tr>
<td>BSC 3312</td>
<td>Marine Biology</td>
</tr>
<tr>
<td>BSC 4515</td>
<td>Aquatic Pollution Biology</td>
</tr>
<tr>
<td>BSC 4934</td>
<td>Selected Topics in Applied Biology (subjects vary)</td>
</tr>
<tr>
<td>CHM 1046</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>EES 2205C</td>
<td>Environmental Engineering Chemistry</td>
</tr>
<tr>
<td>EES 3540</td>
<td>Introduction to Environmental Engineering Science</td>
</tr>
<tr>
<td>ENV 4001</td>
<td>Environmental Engineering</td>
</tr>
<tr>
<td>ENV 4041</td>
<td>Environmental Systems Analysis</td>
</tr>
<tr>
<td>ENV 4341</td>
<td>Solid and Hazardous Waste Engineering</td>
</tr>
<tr>
<td>GEO 4300</td>
<td>Biogeography</td>
</tr>
<tr>
<td>GEO 4930</td>
<td>Special Topics in Geography (note: content varies and not all GEO 4930 courses will count as Natural Science Electives)</td>
</tr>
<tr>
<td>GLY 1892</td>
<td>Environmental Issues in Geology</td>
</tr>
<tr>
<td>GLY 2010C</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GLY 4700C</td>
<td>Geomorphology</td>
</tr>
<tr>
<td>GLY 4820</td>
<td>Principles of Hydrology</td>
</tr>
<tr>
<td>ISC 2003</td>
<td>Global Change, Its Scientific and Human Dimensions</td>
</tr>
<tr>
<td>MET 2101</td>
<td>Physical Climatology</td>
</tr>
<tr>
<td>MET 2502C</td>
<td>Weather Analysis and Forecasting</td>
</tr>
<tr>
<td>MET 2700</td>
<td>General Meteorology</td>
</tr>
</tbody>
</table>
Undergraduates contemplating a graduate degree in geography should take the Graduate Record Examination prior to submitting an application. Interested students should contact the Graduate Adviser, Dr. Tony Stallins, (850) 644-8385, or justallins@mailer.fsu.edu.

Definition of Prefixes

GEA—Geography: Regional Areas
GEO—Geography: Systematic
GIS—Geographic Information Systems

Undergraduate Courses

GEA 1000. World Geography (3). A regional survey of the human occupation of the face of the earth, local cultures, political systems, and development problems.

GEA 2211. United States and Canada (3). The physical diversity and the cultural and political patterns of North America.

GEA 2270. Florida (3). The physical, social, and economic geography of the state, including growth and environmental issues.

GEA 2173. 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 that “development.”

GEA 3563. The Mediterranean (3). This course analyzes the Mediterranean region as a unified totality (Southern Europe and North Africa), focusing on historical changes that underpin current geography.

GEA 4405. Latin America (3). The contemporary Latin American landscape, its historical formation, societies and problems.

GEA 4505. Europe (3). Europe’s terrain, variety of cultures, economies, and recent trends toward unity.

GEA 4520. Britain and Ireland (3). The physical and human geography of the United Kingdom and Ireland.

GEA 4554. Russia and Southern Eurasia (3). The peoples, cultures, and places of the former Soviet Union. Discusses the region’s natural environment, historical development, and contemporary politics.

GEA 4320. Environmental Science (3). The causes of local and global environmental problems and their impacts, including resource use, pollution, ecosystems, and population growth.

GEA 1400. Human Geography (3). Introductory survey of world cultures, population problems, global economic restructuring, international development, and political interdependence.

GEA 2200C. Physical Geography (3). An overview of Earth-sun relations, weather, climate, landscapes, other systems, soils, and vegetation.

GEA 3423. Sports Geography (3). Geographical basis of sports at different spatial scales, including locational strategies of franchises, recruiting patterns, and the urban political economy of professional sports.

GEA 3505. Economic Geography (3). The geography of economic activity at local, national, and global scales: historical development of capitalism, regional development, spatial structure of agriculture, manufacturing, and services, the global economy, third world poverty, and population growth.

GEA 3940. Cooperative Education Work Experience (0). (S/U grade only.)

GEA 4114. Environmental Field Methods (3). Design and implementation of a field-based project, employing field sampling, GIS, GPS, and exploratory statistical methods.

ENV 4611. Environmental Impact Analysis (3). Assessment and analysis of policies concerning natural resources and environmental management in the U.S. and internationally.

ENV 4930 courses will count as Natural Science Electives)

Undergraduate Courses

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. If an environmental studies minor is combined with a geography major, GEO2200C and one other course (up to seven [7] credits total) may be applied to both the major and the minor.

For more information, contact Dr. Dan Klooster, Undergraduate Adviser, Department of Geography, 318 Bellamy, (850) 644-8382 or dklooste@fsu.edu, or visit the department’s Web site at http://www.fsu.edu/~geog.

Graduate Programs

Graduate programs are available leading to the master of arts (MA), the master of science (MS), the Applied MS in GIS, and the PhD in geography. The graduate programs in geography lead to an applied or a research-oriented degree centered around Geographic Information Science, environmental management, or social systems analysis.
### Graduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 5195r</td>
<td>Advanced Area Studies (3).</td>
</tr>
<tr>
<td>GEO 5056</td>
<td>Social Theory and Spatial Structures (3).</td>
</tr>
<tr>
<td>GEO 5058</td>
<td>Survey of Geographic Thought (3).</td>
</tr>
<tr>
<td>GEO 5115</td>
<td>Environmental Field Methods (3).</td>
</tr>
<tr>
<td>GEO 5118C</td>
<td>Introduction to Geographical Research (3).</td>
</tr>
<tr>
<td>GEO 5165C</td>
<td>Quantitative Geography (3).</td>
</tr>
<tr>
<td>GEO 5305</td>
<td>Biogeography (3).</td>
</tr>
<tr>
<td>GEO 5345</td>
<td>Disaster Preparedness and Hazards Mitigation (3).</td>
</tr>
<tr>
<td>GEO 5358</td>
<td>Environmental Conflict and Economic Development (3).</td>
</tr>
<tr>
<td>GEO 5377</td>
<td>Natural Resource Assessment and Analysis (3).</td>
</tr>
<tr>
<td>GEO 5414</td>
<td>Geospatial Data and Analysis (3).</td>
</tr>
<tr>
<td>GEO 5417</td>
<td>Race and Place (3).</td>
</tr>
<tr>
<td>GEO 5425</td>
<td>Cultural Geography (3).</td>
</tr>
<tr>
<td>GEO 5465</td>
<td>Historical Geography (3).</td>
</tr>
<tr>
<td>GEO 5472</td>
<td>Political Geography (3).</td>
</tr>
<tr>
<td>GEO 5481</td>
<td>Military Geography (3).</td>
</tr>
<tr>
<td>GEO 5545</td>
<td>Advanced Economic Geography (3).</td>
</tr>
<tr>
<td>GEO 5555</td>
<td>World Systems Theory (3).</td>
</tr>
<tr>
<td>GEO 5705</td>
<td>Communications Geography (3).</td>
</tr>
<tr>
<td>GEO 5908r</td>
<td>Directed Individual Study (1–6). (S/U grade only.)</td>
</tr>
<tr>
<td>GEO 5918r</td>
<td>Supervised Research (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>GEO 5934r</td>
<td>Seminar in Current Topics (1–3).</td>
</tr>
<tr>
<td>GEO 5947r</td>
<td>Supervised Teaching (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>GEO 6980r</td>
<td>Dissertation (1–12). (S/U grade only.)</td>
</tr>
<tr>
<td>GIS 5038C</td>
<td>Advanced Remote Sensing (3).</td>
</tr>
<tr>
<td>GIS 5100</td>
<td>Advanced Geographic Information Systems (3).</td>
</tr>
<tr>
<td>GIS 5101</td>
<td>Geographic Information Processing and Systems (3).</td>
</tr>
<tr>
<td>GIS 5106</td>
<td>Advanced Geographic Information Science (3).</td>
</tr>
<tr>
<td>GIS 5111</td>
<td>Spatial Modeling in Geographic Information Science (3).</td>
</tr>
<tr>
<td>GIS 5131</td>
<td>Geographic Visualization (3).</td>
</tr>
<tr>
<td>GIS 5305</td>
<td>Geographic Information Systems for Environmental Analysis and Modeling (3).</td>
</tr>
<tr>
<td>GIS 5400</td>
<td>Geographical Information Systems Applications in Social Sciences (3).</td>
</tr>
</tbody>
</table>

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

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**Department of GEOLOGICAL SCIENCES**

**College of Arts and Sciences**

**Chair:** A. Leroy Odom; **Professors:** Dudley, Odom, Salters, Tull, Wise; **Associate Professors:** Arnold, Donoghue, Kish, Parker, Wang; **Assistant Professors:** Georgen, Hu, Humayun; **Professors Emeriti:** Cowart, DeVore, Loper

The Department of Geological Sciences offers undergraduate work for both majors and minors leading to the bachelor of science (BS) degree. Emphasis is on fundamental applications of chemistry, physics, biology, and the scientific method in the study of the earth; field experience is also stressed. Faculty members offer course work in many areas of surficial, tectonic, and stratigraphic geology and geochemistry.

The major program is intended to provide a well-rounded introduction to the study of the earth as well as to prepare the student for more advanced study in the fields of natural resources, environmental planning, oceanography, geophysics, and other earth science specialities.

Various scholarships are offered (and part-time work is available) within the Department of Geological Sciences, with the Florida Geological Survey of the Florida Department of Environmental Protection (located next door), and with other agencies of the state and federal governments.

Honors in the major can be earned by talented juniors and seniors by engaging in an independent project ending in an honors thesis. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in geological sciences satisfy this requirement by earning a grade of “C”- or higher in CGS 2060 or CGS 2064.

**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 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 core course prerequisites or approved substitutions necessary for this degree program:

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C, or CHM X045E
2. CHM X046/X046L, or CHM X046C, or CHM X046E
3. GLY X010C
4. MAC X311
5. PHY X048C or PHY X048/X048L*
6. PHY X049C or PHY X049/X049L*
7. PHY X053C*
8. PHY X054C

A course in historical geology is strongly recommended.

**Note:** (*) The choice of physics sequence depends on the area of geology specialization. Contact department for details.

**Requirements**

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

**Major**

A minimum of thirty-eight (38) semester hours of geology, as specified below and including an elective course chosen from among senior-level and graduate-level geology courses. A major will also include one year each of chemistry with labs, physics and labs, and calculus. No geology or required chemistry, physics, or mathematics course with a grade below “C-” will apply. Based on the recommended series of chemistry, physics, and calculus courses, a candidate for the degree of bachelor of science (BS) in geology is required to successfully complete the following courses in addition to other coursework required by the College of Arts and Sciences:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytic Geometry I (4)</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II (4)</td>
</tr>
<tr>
<td>CHM 1045</td>
<td>General Chemistry I (3)</td>
</tr>
<tr>
<td>CHM 1045L</td>
<td>General Chemistry I Laboratory (1)</td>
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<tr>
<td>CHM 1046</td>
<td>General Chemistry II (3)</td>
</tr>
<tr>
<td>CHM 1046L</td>
<td>General Chemistry II Laboratory (2)</td>
</tr>
</tbody>
</table>


**PHY 2048C** General Physics A with Laboratory (5)

**PHY 2049C** General Physics B with Laboratory (5)

**GLY 2010C** Physical Geology (4)

**GLY 2100** Historical Geology (3)

**GLY 2100L** Historical Geology Laboratory (1)

**GLY 3200C** Mineralogy and Crystallography (3)

**GLY 3220C** Optical Mineralogy (2)

**GLY 3310C** Igneous and Metamorphic Petrology (3)

**GLY 3340C** Sedimentary Petrography (2)

**GLY 3400C** Structural Geology (4)

**GLY 3610C** Paleontology (4)

**GLY 4511** Principles of Stratigraphy (3)

**GLY 4750** Geological Field Methods (1)

**GLY 4790** Field Course (6)

**GLY 4XXX** Geological Elective (2)

GLY 4790 requires the expenditure of approximately $1,400 by each student to cover the cost of travel and subsistence in the field. This amount excludes tuition. Students are expected to participate in field assignments that may require occasional physically strenuous effort.

It is recommended that students intending to transfer to 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 Prefixes**

ESC—Earth Science

GLY—Geology

**Undergraduate Courses**

ESC 2200C. Earth Science for EC/EE Teachers (4).

ISC 2937. Natural Science Honors Seminar (3).


SCE 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1).

**Note:** For complete descriptions of the above courses, see listings within the appropriate departmental chapters of this General Bulletin.

GLY 100. Dynamic Earth (3). Introduction to geology as the study of planet Earth, its internal dynamics, and its surficial weathering, erosion, and sedimentary processes. Course credit may not be received for this course and also GLY 1030 or 2010C.

GLY 100L. Dynamic Earth Laboratory (1). Prerequisite: GLY 1000 or 1030. Laboratory study of minerals, rocks, maps.

GLY 1030. Environmental Issues in Geology (3). Environmental issues as they relate to geological phenomena, which include volcanic and earthquake hazards, resource and land-use planning, air and water pollution, waste disposal, glaciation and sea-level change, landslides, flooding, shoreline erosion, and global change issues. Course credit may not be received for this course and also GLY 1000 or 2010C. Credit can be received for taking GLY 1000L.

GLY 1042. Planetary Geology (3). Introduction to the basic geological processes that apply to the planets and moons of our 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 Earth and its organisms as recorded in the fossil and rock record; principles of geological and paleontological research; evolution of the dinosaurs, mass extinctions, and effects of past continental movements on the diversity of life. Course credit may not be received for this course and also GLY 2100. GLY 2100L recommended.

GLY 2010C. Physical Geology (4). For majors in geology and natural sciences. Two (2) laboratory required. Introduction to surficial and internal processes affecting a dynamic planet Earth. Course credit may not be received for this course and also GLY 1000 or 1030.

GLY 2022C. Geology for Pre-service and In-service Teachers (4). Introduction to geology with emphasis on adapting techniques, skills, and technologies learned in classes/labs for use in the secondary/elementary classroom. Topics include environmental geology, planetary geology, plate tectonics, earthquakes, volcanism, natural resources, the geology of Florida, plus the evolution of the planet and life on it.

GLY 2100. Historical Geology (3). History of Earth and introduction to the fossil record. Course credit may not be received for this course and also GLY 1102.

GLY 2100L. Historical Geology Laboratory (1). Prerequisite or Corequisite: GLY 1102 or 2100. Laboratory study of the physical and biological evidence for the known history of the earth.

GLY 3200C. Mineralogy and Crystallography (3). Pre- or Corequisite: Chemistry and physical geology. Three (3) hour laboratory required. Introduction to mineralogy, crystal chemistry, and crystallography.

GLY 3220C. Optical Mineralogy (2). Corequisite: GLY 3200C. Three (3) hour laboratory required. The optical properties of crystals and mineral identification by use of the polarizing microscope.

GLY 3310C. Igneous and Metamorphic Petrology (3). Prerequisite: GLY 3200C. Three (3) hour laboratory required. Classification, description, and origin of igneous and metamorphic rocks; relation of these rocks to tectonic processes.

GLY 3340C. Sedimentary Petrography (2). Prerequisite: GLY 3200C. Survey of sedimentary rock types, principles of description and classification, sediment genesis and transport, distribution and origin of sedimentary deposits.

GLY 3400C. Structural Geology (4). Prerequisites: GLY 2100, 2100L, 3200C. Field trip is required. Theory, processes, mechanics of rock deformation and the deformation of Earth’s crust.

GLY 3610C. Paleontology (4). Prerequisites: GLY 2100, 2100L. Review of invertebrate biologic geology with emphasis on land-form nomenclature; the occurrence, distribution, evolution, and ecology of fossil vertebrates.

GLY 4240. Principles of Geochemistry (2). Prerequisites: GLY 2101C, basic chemistry. Chemistry of silicate minerals, geochemical principles chemical principles applied to igneous, metamorphic, and sedimentary environments and processes; chemistry of natural aquatic systems; chemical equilibria of geologic systems.

GLY 4451. Introduction to Geophysics (3). Prerequisites: MAP 2302, PHY 2049 or consent of instructor. Plate tectonics and earth structure. Current methods of probing the interior: seismology and seismic tomography, geodynamics, geoid and gravity, geochemistry and geochronology, heat flow, mantle convection, core convection and the geodynamo.

GLY 4511. Principles of Stratigraphy (3). Prerequisite: GLY 3340C. Application of principal 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, measurement of sediment parameters, analysis of sediment transport modes, classification of sediments and sedimentary rocks, statistical reduction of sedimentology 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 sedimentation methods, including textural analysis, heavy mineral separation and identification, carbonate staining, X-ray diffractionmetry, and statistical reduction of sedimentologic data. May be taken separately, but students concentrating in sedimentary geology should take GLY 4551L, concurrently with 4551.

GLY 4700C. Geomorphology (3). Prerequisite: Senior standing. An introduction to the description of landforms and landscapes on Earth’s surface. Emphasis is placed on the basic mechanisms that govern landform evolution, and on the history of geomorphic study. Several field trips are required.

GLY 4730. Marine Geology (3). Shoreline, shelf and deep ocean processes; marine sediment types and sedimentary environments; plate tectonics; origin of the ocean; paleoceanography; marine mineral resources. Includes research methods cruise for familiarization with marine geologic sampling and sensing devices. Credit received for GLY 4730 precludes credit being received for GLY 5736 or OCG 5050.

GLY 4750. Geologic Field Methods (1). (SU grade only) Corequisite: GLY 3400C. Provides a working knowledge and some experience of techniques, procedures, and tools that are essential to geological field research, the professional geologist, and the required summer field course.

GLY 4755. Introduction to Remote Sensing, Air Photo Interpretation and GIS for the Earth Surface (3). Prerequisites: GLY 3400C, PHY 2049. Covers course in introductory to the study of the earth using photographic and electronic imaging acquired from aircraft and satellite; study of the interaction between electromagnetic radiation and materials of Earth’s surface and hydrosphere; principles of electronic and microwave imaging; and use of digital image analysis and GIS in the study of earth resources and global change.

GLY 4760. Environmental Field Problems (4). Prerequisites: GLY 2010C, 3200, or 3231. This course emphasizes the use of field-related observations in the study of environmental problems. Fieldwork includes the study of soils, surface waters and groundwater, erosion and mass wasting, and the chemical contamination of soils and surface waters. Evaluation of the impacts of human activities in the course of wildfires and human activities facing the state of Florida.

GLY 4790. Field Course (6). Prerequisites: GLY 3400C, 4750. Series of field problems баз麗widely based on exposures of strata and structures. Preparation of geographic maps, sections, and reports. Six weeks in May and June.

GLY 4812C. Ore Deposits (3). Prerequisites: GLY 3310C, 3400C. An introduction to the study of metallic ore deposits. Laboratory studies of ores using the reflected light microscope and economic evaluation of ore deposits.

GLY 4812C. Principles of Hydrogeology (2). Prerequisites: CHM 1046; PHY 2049C. Fundamentals of hydrogeology with an emphasis on groundwater flow and hydrochemistry. Both theory and applications are addressed.

GLY 4850C. Environmental Geology I (3). The application of geologic and geochemical principles to environmental issues. Topics include: an evaluation of contaminants in surface water; hydrocarbon geochemistry and petroleum storage tank problems; air quality issues including radon and asbestos; geologic hazards in upland and coastal areas; environmental geochemistry with emphasis on hard-part nomenclature; the occurrence, distribution, and origin of sedimentary deposits.

GLY 4903C. Directed Individual Study (3). May be repeated to a maximum of nine (9) semester hours.
Graduate Courses

ESC 521r. Current Topics in Earth Science (3).
ESC 5215. Current Topics in Earth Science (3).
GLY 5135. Quaternary Geology (3).
GLY 5265. Nuclear Geology (3).
GLY 5267. Stable Isotopic Tracers in the Environment (3).
GLY 5297r. Advanced Topics in Geochemistry (1–3).
GLY 5395r. Advanced Topics in Petrology (1–3).
GLY 5425. Tectonics (3).
GLY 5455. Introduction to Geophysics (3).
GLY 5465. Geomechanics (3).
GLY 5495. Advanced Topics in Geophysics (3).
GLY 5497r. Advanced Topics in Structural Geology (1–3).
GLY 5516. Stratigraphy and Sequence Analysis (3).
GLY 5556. Hydrodynamics (3).
GLY 5573. Fluvial Processes (3).
GLY 5575. Coastal Geology (3).
GLY 5576. Stratigraphy and Sediments of Transitional Marine Environments (3).
GLY 5577. Sedimentary Basin Analysis (3).
GLY 5595r. Advanced Topics in Sedimentation and Stratigraphy (1–3).
GLY 5624C. Introduction to Micropaleontology (3).
GLY 5625C. Advanced Micropaleontology (3).
GLY 5695r. Advanced Topics in Paleontology (1–3).
GLY 5696C. Mesozoic Planktonic Calcareous Nannofossils (4–8).
GLY 5697C. Cenozoic Planktonic Calcareous Nannofossils (4–8).
GLY 5736. Marine Geology (3).
GLY 5757C. Fundamentals of Remote Sensing, Air Photo Interpretation and GIS for the Earth Sciences (4).
GLY 5825. Physical Hydrology (3).
GLY 5827. Principles of Hydrology (3).
GLY 5855. Geologic Hazards Assessment (3).
GLY 5887. Environmental Geology I (3).
GLY 5896r. Advanced Topics in Hydrology (1–3).
GLY 5906r. Directed Individual Study (3). (S/U grade only.)
GLY 5910r. Supervised Research (1–5). (S/U grade only.)
GLY 5931r. Graduate Seminar (1). (S/U grade only.)
GLY 5940r. Supervised Teaching (1–5). (S/U grade only.)
GLY 6982r. Doctoral Seminar (1). (S/U grade only.)

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

GEOPHYSICAL FLUID DYNAMICS: see Graduate Bulletin

GERMAN: see Modern Languages and Linguistics

GERONTOLOGY: see Aging and Public Policy, The Pepper Institute on

GREEK: see Classics

GROWTH MANAGEMENT AND COMPREHENSIVE PLANNING: see Urban and Regional Planning

HEALTH EDUCATION:
see Middle and Secondary Education

HEALTH–RELATED PROGRAMS

Numerous health-related programs at 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, degrees, 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 institute also offers an undergraduate minor in aging studies. The resources of the institute are used to support individual or collaborative research initiatives by providing technical assistance or a location for conducting research. The institute facilitates and disseminates research information; provides opportunities for training and study; and sponsors conferences, public lectures, workshops, and symposia to promote the discussion of issues germane to the aging process and to share information with policy makers, professionals, and the community about the elderly and aging issues.

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 of human communication, both normal and disordered. Students learn the total processes of communication, develop analytical and communicative skills, and obtain experience in evaluation, treatment, and research. For information contact commdis.info@comm.fsu.edu or (850) 644-2253.

The Department of Communication Disorders administers the interdepartmental certificate program in developmental disabilities. The purpose of this program is to provide upper-division undergraduate students from a variety of disciplines with knowledge regarding etiology, assessment, treatment, and policy issues related to individuals with developmental disabilities and their families. Students seeking certification must complete nine (9) semester hours of coursework and three (3) semester hours of practicum from an approved list of courses and practice. More than forty (40) 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 childhood education, reading, and disability services. For information, contact Linda Gessner at lgessner@fsu.edu or (850) 644-9141.

Health Education Program

The health education program includes teacher certification or community health education and leads to either a bachelor of science (BS) or a master of science (MS) degree. This program is designed to prepare health educators to assist individuals in achieving an optimal level of health, to prevent disease and debilitating conditions from occurring, and to minimize the impact of such diseases and conditions upon individuals who have been affected. With a degree in health education, an individual may choose from such practice settings as the school system, business and industry, community agencies, and governmental and tax-supported agencies, as well as the medical care systems.
Interdisciplinary Social/Health Sciences

The College of Social Science offers an interdisciplinary master’s degree: the master’s of public health (MPH).

MPH graduates are trained principally as health policy analysts. They obtain a rich background in epidemiology, health economics, health behavior, health administration, health policy analysis, and statistical and qualitative analytical skills. The skills and knowledge gained may lead to careers in government agencies, legislative staff positions, health care provider organizations, consulting firms, think tanks, advocacy organizations and lobbying firms, international organizations focused on health and population issues, and academic or media positions.

For further information, please contact the Interdisciplinary Programs Office in the College of Social Sciences, 211 BEL, (850) 644-4418, or see http://www.coss.fsu.edu/publichealth.

College of Nursing

The College of Nursing offers a bachelor’s and a master’s degree program. The mission of the College 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 at the Tallahassee main campus, Panama City branch campus, or fully online throughout the state of Florida. Information regarding undergraduate programs is available from the Office of Student Services 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 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 or project receives a master of science in nursing degree. For specific information about each role specialty, contact the graduate program at (850) 644-5638.

Department of Nutrition, Food and Exercise Sciences

The Department of Nutrition, Food and Exercise Sciences provides students with a solid foundation in the scientific aspects of nutrition, foods, and health-related physical fitness through its bachelor, master’s, and doctoral programs. Students are provided with in-depth study of the role that nutrition and physical activity play both in health and, in particular, the prevention of chronic disease. Any of the majors in the department may be used as pre-medical programs with inclusion of specific electives. For more information concerning pre-medical programs, contact the College of Medicine Pre-health Professions Advising Office at medinformation@med.fsu.edu or at (850) 644-5638.

Students pursuing a degree in exercise science 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 food and nutrition science major has a strong science base and prepares students for employment in the food industry, government agencies, and graduate health programs.

The food and nutrition science major has a strong science base and prepares students for employment in the food industry, government agencies, and graduate health programs.

The athletic training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The athletic trainer’s professional preparation is directed toward the development of specified competencies in the following domains: risk management and injury prevention; pathology of injuries and illnesses; assessment and evaluation; acute care of injury and illness; pharmacology; therapeutic modalities; therapeutic exercise; general medical conditions and disabilities; nutritional aspects of injury and illness; psychosocial intervention and referral; health care administration; and professional development and responsibilities. Through a combination of formal classroom instruction and clinical experience, the athletic trainer is prepared to apply a wide variety of specific health care skills and knowledge within each of the domains.

Students at the master’s level may elect the thesis or non-thesis option in one of six areas of emphasis: nutrition science, food science, clinical nutrition, nutrition education/health promotion, sports nutrition, or exercise physiology. Four areas of specialization exist at the doctoral level: exercise physiology, food science, nutrition, and neurosciences. Doctoral graduates continue to be recruited for traditional University teaching and research positions and many in the food sciences are hired by industry to research and develop new food products.

College of Social Work

The College of Social Work offers bachelor’s and master’s curricula that prepare professional social workers for practice with individuals, families, groups, and communities. This versatile and nationally accredited degree enables our graduates to work with diverse population groups in a wide variety of settings. The academic design includes both classroom and field instruction. The college also has a doctoral program that develops social work scholars and leaders in research and teaching.

Social workers are employed in mental health centers, schools, hospitals, home health agencies, runaway shelters, protective services, teen pregnancy programs, battered women’s shelters, correctional facilities, family and children’s agencies, private and public organizations, hospices, medical clinics, nursing homes, psychiatric facilities, and veterans’ and military programs.

Opportunities are also available to expand electronic technology skills for use with clients, participate in ongoing research projects, and become involved in community service activities. All of our classrooms are fully connected with the Internet, and both instructors and students use these resources regularly during class sessions.

Department of Sport Management, Recreation Management and Physical Education

The Department of Sport Management, Recreation Management and Physical Education offers bachelor’s, master’s and doctoral degree programs in physical education, and bachelor and master’s degree programs in recreation and leisure services administration.

HEALTH SERVICES ADMINISTRATION AND POLICY:
see Graduate Bulletin

HEBREW:
see Religion

HIGHER EDUCATION:
see Educational Leadership and Policy Studies

Department of HISTORY

COLLEGE OF ARTS AND SCIENCES

Chair: Neil Jumonville; Associate Chair (Graduate Studies): Green; Associate Chair (Undergraduate Studies): Grant; Professors: Blaufarb, Gellately, Grant, Grant, J. Jones, M. Jones, Jumonville, Oldson, Wynot; Associate Professors: Creswell, Friedman, Garretson, Grant, Gray, Hadden, Herrera, Liebeskind, McMahon, Sinke, Stoltzfus; Assistant Professors: Childs, Davis, Koslow, Schmidt; Professors Emeriti: Anderson, Bartlett, Betten, Bryant, Conner, Horward, Keuchel, Mizell, Moore, Richardson, Ripley, Rogers, Rubanowice, Singh, Strait, 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in history satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, or EME 2040.

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 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
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 Florida State University. All graduating seniors must complete exit questionnaires as part of the degree.

Minor Requirement for History Majors

A minor of twelve (12) semester hours beyond liberal studies requirements in an approved departmental field or fifteen (15) semester hours in an interdepartmental area is required. Individual departments and interdepartmental areas may impose additional requirements. The student should consult the appropriate departmental chapter of this General Bulletin to see if the department has further requirements.

The student may not count toward the major or minor any course in which a grade below “C–” is received. A minimum GPA of 2.0 within both the major and minor is required.

Double Majors

Students pursuing a double major must meet the program requirements of both majors, with the following exceptions: 1) No more than six (6) semester hours may be overlapped (i.e., counted toward both majors); and 2) no minors are required for the double major.

Test Credit Toward the Major (AP, CLEP, IB)

A student who has earned test credit in American history must not take either AMH 2010 or 2020. A student who has earned test credit in European history must not take EUH 2000, WOH 1023, or WOH 1030. Students with three (3) semester hours of test credit in an area will be required to complete the resulting three (3) semester hour shortfall per area toward the major. For information regarding the fulfillment of this policy, please contact the history department adviser.

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 adviser in the College of Education as early as possible. Students seeking certification must also apply for admission to teacher education. Application forms are obtained from the College of Education’s office of student services. A student should have and maintain a 2.75 overall GPA in all courses to be eligible.

Requirements for a Minor in History

Twelve (12) semester hours beyond liberal studies requirements in history courses numbered above 2999 are required. A grade of “C–” or better must be earned in each course counted toward the minor. At least six (6) of the twelve (12) semester hours must be earned at 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 (unless they have examination credit in any U.S. history, or transfer credit equivalent to these courses.) No other history courses below the 3000-level will count toward the history major.

Liberal Studies Area III Courses

Note: In order to fulfill the liberal studies requirement in history, a student must complete a minimum of three (3) semester hours from this list: AMH 1091, AMH 2010, AMH 2020, AMH 2095, AMH 2097; ASH 1044, ASH 3100; 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, both 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. 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.
This is an introductory course on American history. Course examines the involvement of the United States in the early 19th century explorations and culminating with the symbolic "closing of the presidency and on the groups and issues that have influenced political parties. AMH 3351. U.S. Political History to 1877 (3). 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). This course will include a study of the political, social, and economic history of British America from the end of the Seven Years War to the ratification of the U.S. Constitution. Special emphasis will be given to the origins, course, and aftermath of the colonial rebellion that became the American Revolution and led to the founding of the U.S. This course considers the fundamental causes of the Revolution and the many ways—some intended by the founders but many not—in which the former colonies were transformed by the experience.

EUI 2000. Ancient and Medieval 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 thought and patterns of events, the origins of the modern world and on 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 EUI 2000. May not be taken by students with test credit in European history.

Lahiri’s Wholeness will include: 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 Evolution of the Constitution (3). An examination of 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). A liberal studies course deals with the origins and development of political, economic, social, and intellectual antecedents in the modern world from the end of the Middle Ages to 1914. 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.

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 will be to understand the background to some of Africa’s major problems and possibilities today. Course will not count as credit toward the history major.

AFH 3451. Sub-Saharan 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 4032. North African History: A Survey (3). This course will concentrate on the modern history of North Africa including: Maghrib, Morocco, Algeria, Tunisia, Libya, Egypt, Sudan, Ethiopia, and Somalia. It is intended to provide an understanding of the background and problems of North African states today.

American History

AMH 2044r. American Biography (3). An exploration of issues in American history from the perspectives of the men and women who dealt with aspects of those issues firsthand. The biographical figures vary from semester to semester. May be repeated to a maximum of six (6) semester hours with instructor’s permission. Course will not count as credit toward the history major.

AMH 2583. History of the Seminole and Southeastern Tribes, Pre-Contact to Present (3). This course presents a history of the Seminole tribe in the changing racial, ethnic, economic, political, and cultural context of the Southeastern United States from the fifteenth century to the present.

AMH 3310. Social History of the United States (3). An analysis of the day-to-day lives of American people. Topics treated will include morals, manners, religion, family, social class, health, and occupations.

AMH 3319. The Evolution of Law, Crime, and Justice in American Society, to 1876 (3). A 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 bulk of the course studies U.S. political parties and elections from the period to the present. 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 not a prerequisite for 3352.

AMH 3444. History of the Trans-Mississippi American West (3). This course covers the history of the Trans-Mississippi American West from 1865 to the present. Students will gain an understanding of this area as a geographical region and its role in American history beginning with the early 19th century explorations and culminating with the symbolic “closing of the frontier” of the 1890s.

AMH 3470. The Evolution of Organized Crime (3). Course discusses the evolution of organized crime in the United States, the social and legal factors that contributed to its development, and the differences in criminal behavior during the period.

AMH 3472. Evolution of Law, Crime, and Justice in American Society: 1865 to the Present (3). This course serves as an intermediate level survey of the social and political developments in the fields of crime and law from the end of the Civil War to the present. Its focus is on the changing patterns of self-determination of criminal activity, the changing nature of punishment, and Constitutional issues relating to crime.

AMH 3500. Labor History of the United States (3). The social history of American workers, focusing on labor movement, labor strikes and violence, and working class politics from colonial America to the present.

AMH 3540. Military History of the United States (3). A survey of both the military experiences and the political experiences of the United States in its military history, its economic issues, its technological developments, politics, and other factors that have influenced the military aspects of American history.

AMH 3544. The United States and Vietnam, 1941–1975 (3). Course examines the involvement of the United States in Vietnam from World War II through the fall of Saigon in 1975 and considers the legacy of this experience for American foreign relations and society.

AMH 4110. Colonial America to 1763 (3). A study and comparison of the founding and development of self-determination and cultural/intellectual developments during that period. The course examines the political, social, and economic history of British America from the end of the Seven Years War to the ratification of the U.S. Constitution. Special emphasis will be given to the origins, course, and aftermath of the colonial rebellion that became the American Revolution and led to the founding of the U.S. The course considers the fundamental causes of the Revolution and the many ways—some intended by the founders but many not—in which the former colonies were transformed by the experience.

AMH 4140. Thomas Jefferson’s America (3). Examines the political and cultural history of the United States from the first presidential election through the “Era of Good Feelings.” In this course, students will look at a different kind of history. For the first time, they need to look beyond the founding fathers to understand working political institutions out of the Constitution’s vague instructions and at the same time create a stable, unified nation out of a divided and scattered collection of societies and peoples. The events of this period determined what type of nation the United States would become. Considerable attention will be devoted to Thomas Jefferson himself, as a figure who both shaped and represented his era.

AMH 4160. Andrew Jackson’s America (3). Examines American political, society and culture during the period of the War of 1812 to 1861. Emphasis will be placed on the coming of the Civil War, the secession crisis, and on the frontier and military and nonmilitary events of the war years.

AMH 4175. U.S.-Civil War America 1820-1900 (3). Analysis of post-Civil War America with emphasis on the black role in American society and the attempt to heal the wounds of the Civil War. Other topics include the rise of big business, labor unions, and the last frontier.

AMH 4220. U.S. Progressive Era, 1890–1920 (3). This course will include a study of the development of domestic and foreign policy, the revolution of social thought, and the paradoxical path of reform in urbanized, industrial America. It will devote special attention to the nation’s effort to accommodate old values with the new realities.

AMH 4270. The United States Since 1945 (3). This course focuses on the political and cultural issues faced by the United States during the period of the Cold War (1945 to 1988). Special attention is given to postwar-affluence, suburban America, the mass society, the movement from isolationism to interventionism, McCarthyism, the civil rights movement, social conflict in the 1960s, and the rise of postwar conservatism.

AMH 4273. America in the 1960s (3). Examines selective aspects of the era known as “the Sixties.” Movements of the past two decades, such as civil rights, black power, the war in Vietnam, radical politics, and the counter culture divided the country so passionately that at times it appeared as though the nation might come apart.

AMH 4331. U.S. Intellectual History: I to 1800 (3). An interdisciplinary study of the development of the Puritans to the late 19th and early 20th centuries, asking, among other questions, what mission America assigned to itself. Among the ideas examined will be Puritanism, the Revolutionary ideology, federalism, the American Enlightenment, romanticism, individualism, and the meaning of the future.

AMH 4332. U.S. Intellectual History II: 1800 to the Present (3). An interdisciplinary study of the impact on American thought of social Darwinism, industrialism, naturalism, the culture of specialization, sectionalism, antimilitarism, antiimperialism, poverty, and the growth of cultural criticism as a task required of the 20th-century intellectual.

AMH 4402. The Old South (3). A study of the social and economic development of the Southern states from settlement by Europeans to the end of the Civil War with emphasis on the antebellum period, the Civil War, Reconstruction and its aftermath. Emphasis will be placed on the coming of the Civil War, the secession crisis, and on both the military and nonmilitary events of the war years.

AMH 4403. The South Since 1865 (3). This course views the South both as a distinct region and as an area gradually coming back into “regular” American life after the Civil War. The South’s strategies for adjusting to defeat, the revolution in the labor system, and troubled race relations are considered.

AMH 4423. History of Florida from 1821 to the Present (3). A history of Florida from the period of its acquisition from Spain in 1821 until the present. The various “periods” in the history will be discussed with major attention given to the period 1920 to the present—the period of greatest growth.

AMH 4441. History of the Frontier to 1865 (3). This course examines the Western European period from 1763 until 1865. Social, political, economic, and military aspects of the frontier experience, and the significance of the frontier in American history, are examined.
AMH 4463. Urban America Since 1879 (3). The development of American cities and the attempts to deal with changing urban problems from 1879 to the present.

AMH 4510. U.S. Foreign Relations to 1900 (3). This course examines the ideas, forces, and institutions that shaped American foreign policy in the era when America evolved from an agrarian republic to an industrial empire.

AMH 4511. Twentieth-Century United States Foreign Relations (3). The focus in this course is on the responsibilities of global power and how American foreign policy changed to meet rapidly altering circumstances.

AMH 4530. U.S. Immigration History (3). This course explores the histories of different immigrant and migrant groups and how they have shaped and been shaped by the United States.

AMH 4533. American Legal History I (3). Surveys the history of the U.S. Constitution up to 1800. This is the beginning of the first state constitutions, the Articles of Confederation, the Constitutional Convention, ratification debates, and the end of the Constitution in the 1790s. It concludes with the first major controversies faced by the founders, issues that the Constitution did not resolve for them easily. The course is not about constitutional interpretation or theories applied by the current Supreme Court.

AMH 4544. American Legal History II (3). This course surveys the history of both the U.S. Constitution and American law in the 19th century. Topics include the Marshall Court, slave law, and the Dred Scott decision, the impact of the Civil War and Reconstruction. The course is not about constitutional interpretation or theories applied by the current Supreme Court.

AMH 4571. Black America to 1877 (3). This course begins with the African background of Black Americans and ends with the final downfall of Reconstruction in 1877. Although some portions of the course are topical, cutting across chronological divisions, there will be a sense of the evolution of Black American society from a slave to a free society.

AMH 4572. Black America Since 1877 (3). This course traces the social, economic, cultural, and political activities of African-Americans from Reconstruction through the Civil Rights Movement.

AMH 4630. North American Environmental History (3). This course introduces the changing relationships between human beings and the natural world in America through time.

AMH 4634. Florida Environmental History (3). Applies the methods and approaches of environmental historians to the development of human beings and the natural world through time. The field explores how nature has shaped to human culture as well as how human beings have modified the natural world and transformed the land.

AMH 4640. Humor and the American Mind (3). This course discusses American intellectual and cultural history from the 18th century to the present through the lens of humor. It investigates the relationship between American ideas and historical transformations. It uses humor to explore the connections and tensions between the various parts of the American mind.

Asian History
ASH 2320c. Middle East Survey: An Interdisciplinary and Introductory Course (3–6). This course introduces majors in an interdisciplinary fashion to Middle Eastern studies with the overall background to the history, civilization, culture, and religion of the Middle East. The course covers the history of the Middle Eastern history and culture and includes languages, religion, urban and regional planning, and the contemporary Middle East. May be repeated to a maximum of six (6) semester hours.

ASH 2323c. Middle Eastern History (3). An examination of modern Middle Eastern history, focusing on the origins of recent problems in the imperialistic era, the clash of political and cultural traditions, national rivalries, the impact of OPEC, the Palestinians, and the Iran-Iraq War. 4 Ash 2421. Central Asia Since the Mongols (3). This course covers Central Asian history from the medieval period through the modern period, with special emphasis on the political and ethnic history of the Central Asian peoples.


ASH 4442. 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, emergence of nationalism, modernization, and the building of the modern state.

ASH 4520. Traditional India (3). This course deals with the history of India from antiquity to the 17th century. It puts special emphasis not only on the study of Indian religions such as Hinduism, Buddhism, Jainism, and Sikhism, but also on the roles played by various important ancient and medieval kings.

ASH 4550. Modern India (3). This course is an introduction to the history of India from the 18th century to the present. The course deals with the impact of British rule in India and the lives of modern South Asian leaders such as Gandhi, Nehru, and Jinnah.

Classical History
Note: The following history courses are offered through the Department of Classics.


CLA 4437. Studies in Greek History (3). Study of specified periods of Greek history, whether archaic, classical, or Hellenistic. May be repeated to a maximum of six (6) semester hours.

CLA 4447r. Studies in Roman History (3). Study of specified periods of Roman history in the Republic or Empire. May be repeated to a maximum of six (6) semester hours.


EUAH 4401. Classical Athens and Sparta (3). History of Greece from the beginning to the Persian Wars. Emphasis will be placed on the social and political structures of Athens and Sparta.

EUAH 4408. 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 Mummus.

EUAH 4409. Study of the Roman Republic. An examination of the political structure of Rome from its foundation (currently 735 B.C.) to the fall of the Roman Republic (31 B.C., The Battle of Actium).

EUAH 4413. The Roman Empire (3). The Roman Empire from Augustus to Constantine. Emphasis on the evolution from the principate of the early empire to the monarchy of the late empire.

European History
EUAH 2035. Hitler and Stalin: Their Era and Legacies (3). Prerequisite: Three (3) hours of college history. Examines the dictatorships of Hitler and Stalin in terms of their political, social, and economic policies and their legacies beyond World War II. Course will not count as credit toward the history major.

EUAH 3205. 19th-Century Europe: A Survey (3). European history from the close of the Napoleonic era to 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.

EUAH 3206. 20th-Century Europe: A Survey (3). European history from the turn of the century through the two world wars. Particular attention will be paid to the major powers in this period and to events and themes that influenced the development of Europe after World War II.

EUAH 3239. Twentieth-Century Europe Through Film (3). This course uses film in combination with texts to introduce questions about some of the main themes in 20th-century European history, including the nature of the nation-state and nationalism; the ideas of modernity and postmodernity; the growth of global capitalism; the changing role of individuals in state and society; and attitudes about ethnicity, class, and gender. Topics include the possibilities and limitations of emigration and migration, the individual and the nation, and the contemporary global world.

EUAH 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 of the 19th and 20th centuries, the development of the Republic, and the crisis of the Liberal State and Fascism.

EUAH 3451. Modern France (3). French history from the ancient regime and its fall through the turbulent 19th century, the disastrous 20th century, and recovery after the Second World War.

EUAH 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 cultural background of Nazi Germany; and the development of two rival states in World War II.

EUAH 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.

EUAH 3530. 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 will be given to post-World War II changes within Britain and to Britain's foreign affairs.

EUAH 3533. History of Ireland (3). Surveys the history of Ireland from prehistory and the Celtic-Gaelic settlement to the near-present. Examines the waves of settlers who came to the British Isles, and the Irish-Celtic and English background, and the role of the Irish (i.e., the roles of religion, ethnicity). It cannot avoid treating in depth the tangled and tragic relations of the Irish with the kingdom of England, later Great Britain.

EUAH 3602. Russia and the Commonwealth (3). A two-semester course which will examine the social, economic, and cultural as well as political development of the Polish nation in the 19th and 20th centuries. Although particular stress will be placed on internal history, appropriate attention will focus on foreign relations, interests, and policies.

EUAH 3571. Russia to Nicholas I (3). Russian history from the emergence of the Muscovite state through the establishment of the Romanov dynasty, to the reforms of Peter the Great and the enlightened despotism of Catherine the Great, and finally the nature of the state in the early 19th century.

EUAH 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. Although particular stress will be on internal history, appropriate attention will be paid to Russia's role in international relations.

EUAH 4121. Earlier Middle Ages (3). This course provides a survey of European history from c. 300 to c. 1150, from the origins of the medieval world in the Roman, Christian, and Germanic past through the gradual emergence of a distinctively European civilization to its first major period of expansion and accomplishment.

EUAH 4122. Later Middle Ages (3). This course provides a survey of European history from the later Middle Ages, c. 1000 to c. 1500, focusing on the social and cultural structures of Sparta and Athens in the fifth century BC.

EUAH 4140. Renaissance (3). A study of the character of medieval Italy and a survey of economic, political, and cultural changes in Western Europe.

EUAH 4144. Reformation (3). An examination of the Protestant and Catholic Reforms in Western Europe, from 1517 to the Peace of Westphalia in 1648.

EUAH 4233. Rise of Nationalism (3). This course analyzes the European struggle toward democracy and nationalism from the collapse of Napoleon to the establishment of the German Empire, emphasizing the development of liberalism, socialism, communism, etc.

EUAH 4241. The Holocaust in Historical Perspective (3). This course details the background and career of the Holocaust as well as the continuing problem of “Holocaust denial.” Special emphasis is given to the ideas of such racists as de Gobineau and Hitler.
EHU 4342. World War II, 1900-1918 (3). This course will cover European history in the period 1900-1918 with a review of the domestic situation and foreign policy of the major Continental powers, in particular Russia, Germany, and the United States, and how and why the war was fought as it was, and the experience of the major powers on the home front.

EHU 4282. Europe in the Cold War and Detente (3). Deals with the post–World War II era in Europe, tracing occupation policies, the division of Europe East and West, and the development of the major European states' efforts to assert their own identity in respect to US and Soviet foreign policies. This course will demonstrate the progress of Western Europe from traditionalism to modernism. Wherever possible, attempts will be made to present issues within a comparative framework.

EHU 4332. Balkans Since 1700 (3). The course of Balkan history emphasizing the penetration of the Habsburgs and the Ottoman empires, the collapse of the Ottoman and the emergence of the Balkan states after the wars of liberation, with stress on the cultural peculiarities of the various ethnic groups.

EHU 4452. The Age of the French Revolution, 1715–1793 (3). This course is a study of the 18th century and its forces leading to the French Revolution. The radicalization of the Revolution is traced to the Terror and the overthrow of Robespierre’s dictatorship.

EHU 4454. Napoleon, Europe, 1795–1815 (3). This course traces the rise of Napoleon and his impact — political, social, economic, military, etc. — on France and Europe, culminating in his defeat at Waterloo.

EHU 4465. Nazi Germany (3). Deals with the background of the Nazi regime, the character of Hitler’s dictatorship, and the origins and course of WW II in its European context. Also examined is National Socialism’s impact on German institutions and racial consequences.

EHU 4500. England in the Middle Ages (3). History of England from Anglo-Saxon settlement to the establishment of the Tudor Dynasty. The course covers all significant aspects of medieval England, but emphasis is on growth of English common law and the constitution. Of particular interest to prelaw students.

EHU 4502. England Since 1780 (3). A history of Great Britain (since 1870) from a great power with a common market. Economic, diplomatic, imperial, social, and political affairs are considered.

EHU 4512. Stuart England (3). History of England from the reign of James I to the death of Queen Anne in 1714. Scottish history will be covered as well, and due attention will be given to issues such as the Jacobite cause, the Hanoverian succession, the American Revolution, and the Revolutionary War against England.

EHU 4520. England, 1714–1870 (3). This course investigates the social, cultural, and political history of Great Britain from 1714 to approximately 1870. Major themes include the evolution of social structures; new cultural trends; changing political culture, ideologies, and institutions, as well as the relationship between these perspectives.

EHU 4544. Sex and Class in England, 1750–1914 (3). Offers students a perspective on the critical relationship between gender and industry. This course examines the lives and activities of English women, from the poorest to the wealthiest classes, against the backdrop of the major dislocations occurring in British society during this period.

EHU 4574. 19th-Century Russia (3). An examination of the history of Russia from 1800 to the beginning of the 20th century, with emphasis on foreign relations and the development of the political and social conflicts that resulted in the revolutions of 1917.

EHU 4578. 20th-Century Russia (3). This course will examine the social, economic, cultural, and international development of Russia from the financial backing for the Tsarist rule through the Bolshevik Revolution to its emergence as one of the world’s superpowers in the 1990s.


EHU 4603. European Intellectual History, 1800 to Present (3). History of ideas in the last two hundred years, exploring the 19th century as the Age of “isms” (including Liberalism, Conservatism, Romanticism, Idealism, Nationalism, Individualism, Imperialism, Positivism, Darwinism, Historicism) and establishing the 20th century as the Age of Crisis in which traditional Western Civilization disintegrates.

EHU 4620. The United States Since 1945 (4). This course will survey American history in the period 1900-1918 with a review of the domestic situation and foreign policy of the major Continental powers, in particular Russia, Germany, and the United States, and how and why the war was fought as it was, and the experience of the major powers on the home front.

Others

HIS 3464. History of Science (3). This course is a study of the mutually-shaping relationships between social and political ideas and the histories of the various sciences.

HIS 3949. Cooperative Education Work Experience (0). (SU grade only.) This course will not count as credit toward the history major.

HIS 4070. Historical Research (3). Explores students to the use of oral history as a research technique and provides experience in conducting professionally acceptable oral history interviews. Course will not count as credit toward the history major.

HIS 4081. Museum Management (3). History and philosophy of museums, especially historical museums, organization and operation; planning exhibits; educational activities; and public relations. Course will not count as credit toward the history major.

HIS 4086. Historic Sites Identification and Preservation (3). The identification, preservation, and maintenance of historic sites; the historic preservation movement. Course will not count as credit toward the history major.

HIS 430r. Directed Individual Study (1–4). May be repeated to a maximum of twelve (12) semester hours. Course will not count as credit toward the history major or minor.

HIS 430r. Special Topics in History (3). Specialized approaches to history. Topics will vary. The course may be repeated for different topics to a maximum of twenty-four (24) semester hours. Pre-requisites: Senior history majors and minors only; instructor’s permission. Selected topics in history. A maximum enrollment of five (5) students in each tutorial. May be repeated only once and to a maximum of four (4) semester hours. Course will not count as credit toward the history major or minor.

HIS 435r. Senior Seminar (3). Advanced training in historical methods and historiography. The historical material (African, American, Asian, British, European, Latin American, Middle Eastern) varies from seminar to seminar depending upon the instructor’s area of expertise. May be repeated to a maximum of six (6) semester hours.

HIS 436r. Honors Work (1–6). Open to participants in the University’s and departmental honors program. The student must complete six (6) thesis hours. This course will not count as credit toward the history major or minor.

HIS 437r. Archaeological Analysis (3). This course will cover European history in the period 1900-1918 with a review of the domestic situation and foreign policy of the major Continental powers, in particular Russia, Germany, and the United States, and how and why the war was fought as it was, and the experience of the major powers on the home front.

Graduate Courses

African History


American History

AMH 5116. Colonial American History to 1763 (4).

AMH 5139. Revolutionary America, 1760-1788 (4).

AMH 5149. Thomas Jefferson’s America (4).

AMH 5177. The Civil War Era (4).

AMH 5178. Post-Civil War, 1865–1890 (4).


AMH 5328. 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 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 Since 1877 (4).

AMH 5577. Black America Since 1877 (4).

AMH 5635. Florida Environmental History (4).


AMH 5645. Humor and the American Mind (4).

Asian History
ASH 5226. Modern Middle East (4).
ASH 5266. Central Asia Since the Mongols (4).
ASH 5406. China to 1898 (4).
ASH 5408. China Since 1898 (4).
ASH 5529. Traditional India (4).
ASH 5559. Modern India (4).

Classical History
Note: The following history courses are offered by the Department of Classics.
CLA 5438r. Studies in Greek History (3).
CLA 5448r. Studies in Roman History (3).
CLA 5885. Roman Law (3).

European History
EUH 5125. The Crusades (4).
EUH 5127. Earlier Middle Ages (4).
EUH 5128. Later Middle Ages (4).
EUH 5146. The Renaissance (4).
EUH 5147. The Reformation (4).
EUH 5238. Rise of Nationalism (4).
EUH 5246. World War I: Europe, 1900–1918 (4).
EUH 5249. The Holocaust in Historical Perspective (4).
EUH 5285. Europe in the Cold War and Detente (4).
EUH 5338. History of East Central Europe, 1815 to the Present (4).
EUH 5366. The Balkans Since 1700 (4).
EUH 5458. Napoleon Europe, 1795–1815 (4).
EUH 5467. Nazi Germany (4).
EUH 5508. England in the Middle Ages (4).
EUH 5509. Modern Britain Since c. 1870 (4).
EUH 5518. Stuart England (4).
EUH 5578. 19th-Century Russia (4).
EUH 5579. 20th-Century Russia (4).
EUH 5608. European Intellectual History, 1500–1800 (4).
EUH 5609. European Intellectual History, 1800 to Present (4).
HIS 5256. War and the Nation State (4).

Latin American History
LAH 5439. History of Mexico (4).
LAH 5475. History of the Caribbean (4).
LAH 5727. Race and Class in Colonial Latin America (4).
LAH 5749. Social Revolutionary Movements in Latin America (4).

Historical Administration
HIS 5077. Oral History (4).
HIS 5082. Archives Management (3).
HIS 5083. Historic Sites Identification and Preservation (3).
HIS 5084. The Management of Historical Sites and Museums (3).
HIS 5085r. Internship in Historical Management (4–8). (S/U grade only.)
HIS 6055. Historical Methods/Public History (4).

Others
HIS 5909r. Directed Individual Study (1–4). (S/U grade only.)
HIS 5911r. Supervised Research (1–5). (S/U grade only.)
HIS 5932r. Graduate Tutorial in History (1–2).
HIS 5935r. Special Topics in History (4).
HIS 5940r. Supervised Teaching (1–5). (S/U grade only.)
HIS 6059. Historical Methods (4).
HIS 6669. Historiography and Science (4).
HIS 6500. History of Life Sciences (4).
HIS 6909r. Directed Individual Study (1–4). (S/U grade only.)

HIS 6910r. Directed Individual Research (1–3). (S/U grade only.)
HIS 6934r. Special Topics in History (4).
HIS 6941r. Teaching History at the College Level (4).
WOH 5238. Disease, Race, and Environment (4).
WOH 5246. World War II (4).

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

HISTORY AND PHILOSOPHY OF EDUCATION:
see Educational Leadership and Policy Studies

Program in HISTORY AND PHILOSOPHY OF SCIENCE

COLLEGE OF ARTS AND SCIENCES

Director: Michael Ruse

Florida State University offers a program in the history and philosophy of science, leading to an undergraduate minor or a master’s degree. The focus of the program is on the biological sciences, although we welcome applications from potential students interested in other areas of science. We take very seriously the importance of working on topics of relevance to the society in which we live, and we are strongly committed to an interdisciplinary approach, with involved faculty drawn broadly from across the University, especially the humanities and the natural sciences.

As a major university, we are able to offer opportunities for study and research in topics of particular pertinence to our region, such as racial issues, conservation and problems of pollution, and clashes between science and religion. We also have major strengths in other areas, including logic and formal methods, social philosophy, intellectual and cultural history, history of the South, African-American history, ancient science and mathematics, and evolution and ecology.

FSU has attractive competitive scholarships, and there are opportunities for research and teaching assistantships that include remission of tuition. Strong library facilities exist, and we are building further on these. We are committed to helping our students when they complete their degrees, either to further graduate work or to enter the work force. The master’s degree with its multidisciplinary breadth is appropriate for those interested in pursuing a PhD in philosophy, history, religion, or science. It is also suitable for those undergraduates who would like to combine it with one of the traditional disciplines in our combined bachelor’s-master’s program. In all cases, we will aim to tailor individual course programs to suit students’ needs.

The program hosts an annual conference or workshop supported by the Werkmeister Fund. Those interested in learning more about the degree, or in enrolling, should consult our Web site and contact the office of the Director.

Requirements for the Minor

The minor is twelve (12) semester hours and must include one philosophy of science course and one history of science course, or equivalent.

If used to fulfill the HPS minor, none of these courses may also be used to fulfill liberal studies or major degree requirements.

Some of these courses have prerequisites; check with the department that offers the course. A grade of “C-” or better must be earned in each course. Listed below are some of the classes that may be used to fulfill the minor. Descriptions may be found in the individual department chapters of this General Bulletin.

HIS 3464 History of Science (3)
ISC 3076 Science, Technology, and Society (3)
PHI 2620 Environmental Ethics (3)
PHI 3400 History and Philosophy of Science (3)
REL 3493 Religion and Science (3)
Dedman School of HOSPITALITY

COLLEGE OF BUSINESS
Director and Robert H. Dedman Professor: Robert A. Brymer; Professors: Bonn, Bosselman, Brymer, Harris; Associate Professors: Ohlin; Associates in Hospitality: Lanford, LaTour, Riscigno; Cecil B. Day Professor of Lodging Management: TBA; Robert H. Dedman Professor in Hospitality Administration: Bonn

The program in hospitality administration was established in 1947 in recognition of the demand for hotel and restaurant industry executives, with the objective of providing the kind of education tomorrow’s hospitality manager will need. The curriculum is designed so that students must meet high standards of achievement in general education and must acquire not only the specialized knowledge needed for their hospitality industry careers, but also understand the basic functions, objectives, and tools of management that are common to executive roles.

The Dedman School of Hospitality is located in the South Building of the University Center, which provides for the specialized academic/training objectives established by the school. In addition to classrooms, this state-of-the-art facility provides hospitality students with teaching kitchens, a satellite technology center, a publication resource center, and a placement center. The building also contains an affiliated 35,000 square-foot, professionally managed city club that provides hospitality students with real-world food and beverage experience in elegant surroundings.

The Dedman School of Hospitality also houses one of a select group of professional golf management (PGM) majors accredited by the Professional Golfers Association (PGA). Don Veller Seminole Golf Course and the Dave Middleton Golf Complex are home to the PGM program. A state-of-the-art training facility, a pro shop, restaurant, facility 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 Florida State University is that through the years a personal, intimate, congenial climate, in which students may develop to their fullest potential, has remained a chief attraction. All of the school’s energies and resources are devoted exclusively to preparing each student for a professional career.

The Dedman School of Hospitality is nationally and internationally recognized as one of the best. Many firms visit the school each year to interview students for entry-level management positions. Graduates of the program enjoy top managerial and ownership positions in clubs, restaurants, hotels, resorts, institutions, and other facets of the hospitality and golf industries. The requirement of practical, on-the-job experience, where the student applies classroom knowledge to the workplace, prepares the Dedman School of Hospitality graduate for the operational challenges of industry.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in hospitality and professional golf management satisfy this requirement by earning a grade of “C–” or higher in CGS 2100.

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 STA X122 or QMB X100

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the College of Business Undergraduate Advising Office for details.

Requirements for a Major in Hospitality Administration

All students must complete: 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for hospitality administration majors; 3) the general business core requirements for hospitality administration majors; 4) the general business breadth requirements for hospitality administration majors; and 5) the major area requirements for hospitality administration majors.

Note: To be eligible to pursue a hospitality administration major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All hospitality administration majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

BUL 3310 The Legal Environment of Business (3)
FIN 3403 Financial Management of the Firm (3)
GEB 3213 Business Communications (3)
MAN 3240 Organizational Behavior (3)
MAR 3023 Basic Marketing Concepts (3)

General Business Breadth Requirements

All hospitality administration majors must complete six (6) 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)
ISM 3003 Foundations of Management Information Systems (3)
MAN 3504 Services Operations Management (3)
MAN 3600 Multinational Business Operations (3)
MAR 3700 Professional Selling (3)
QMB 3200 Quantitative Methods for Business Decisions (3)
REE 3043 Real Estate (3)
RMI 3011 Risk Management/Insurance (3)

Major Area Requirements

Note: The hospitality curriculum is undergoing a substantial revision at the time of printing this Bulletin. Please contact the Dedman School of Hospitality or the College of Business Undergraduate Programs Office for updated information on course requirements, course numbers, and course offerings. Information is also available at http://www.cob.fsu.edu/undergrad/.

All hospitality administration majors must complete eighteen (18) semester hours of hospitality major area courses. These courses include nine (9) hours in the hospitality core and nine (9) hours from one of the approved hospitality tracks listed below. A minimum grade point average (GPA) of 2.0 must be earned in courses used to satisfy the hospitality administration major area requirements.

Hospitality Core: The hospitality core includes courses in hospitality careers, introduction to food and beverage management, managing revenues and expenses, managerial behavior in hospitality operations, and field study in hospitality administration.
Lodging Management Track: The lodging management track includes courses in restaurant operations, lodging management, luxury hotels and resorts, and managing diversity in hospitality.

Conventions, Events, and Meetings Management Track: The conventions, events, and meetings management track includes courses in conventions services and event management, hospitality services marketing and research, lodging management, and luxury hotels and resorts.

Food and Beverage Management Track: The food and beverage management track includes courses in restaurant operations, catering management, and advanced food and beverage management.

Club Management Track: The club management track includes courses in restaurant operations, club management, and advanced club management.

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 Florida State University. Students must register for HFT 4941 Field Study in Hospitality Administration in their final semester to document this work experience.

Students are encouraged to select general electives from a list of recommended electives that are available from the Dedman School of Hospitality. A hospitality internship (HFT 3941) is highly recommended for all hospitality administration majors. Contact the Dedman School for additional information.

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)
- HFT 4930r Special Topics in Hospitality Administration [Special Studies in International Hospitality Administration] (3)
- HFT 4930r Special Topics in Hospitality Administration [European Food & Wine] (3)
- HFT 4930r Special Topics in Hospitality Administration [European Travel & Tourism] (3)

Courses completed in this program count toward the State of Florida requirement that at least nine (9) semester hours be completed in the summer 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
5. The major area requirements for professional golf management majors

Note: To be eligible to pursue a professional golf management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All professional golf management majors must complete the following five (5) courses. A grade of “C-” or better must be earned in each course.

- BUL 3310 The Legal Environment of Business (3)
- FIN 3403 Financial Management of the Firm (3)
- GEB 3213 Business Communications (3)
- MAN 3240 Organizational Behavior (3)

MAR 3023 Basic Marketing Concepts (3)

General Business Breadth Requirements

All professional golf management majors must complete six (6) courses as follows. Each course selected must be completed with a grade of “C-” or better.

- HFT 3240 Managing Service Organizations (3)
- MAN 4720 Strategic Management and Business Policy (3)
- Plus four (4) electives from the following list of courses:
  - FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)
  - ISM 3003 Foundations of Management Information Systems (3)
  - MAN 3504 Services Operations Management (3)
  - MAN 3600 Multinational Business Operations (3)
  - MAR 3700 Professional Selling (3)
  - QMB 3200 Quantitative Methods for Business Decisions (3)
  - REE 3043 Real Estate (3)
  - RMI 3011 Risk Management/Insurance (3)

Major Area Requirements

Note: The professional golf management (PGM) curriculum is under revision at the time of printing this Bulletin. Please contact the Dedman School of Hospitality or the College of Business Undergraduate Programs Office for updated information on course requirements, course numbers, and course offerings. Information is also available at http://www.cob.fsu.edu/undergrad/.

All PGM majors must complete twenty-three (23) semester hours of PGM major area courses. A minimum grade point average (GPA) of 2.0 must be earned in courses used to satisfy the PGM major area requirements. PGM majors must also satisfy a number of supplemental requirements, including a playing ability test, PGA workshops, and internships, as described in the PGM policies and procedures handout available from the Dedman School of Hospitality. The PGM major area includes courses in introduction to food and beverage management, restaurant operations, catering management, managing revenues and expenses, managerial behavior in hospitality operations, club management, agronomy for golf course management, and professional golf management.

Definition of Prefixes

- FSS — Food Service System
- HFT — Hospitality Management

Undergraduate Courses

- FSS 3337. Quantity Food Production Management (2). Corequisite: FSS 3337L. Food and beverage sanitation, production, and service; food service equipment; menu planning and costing; nutrition and safety. Introduction to basic food and beverage management concepts.
- FSS 3337L. Quantity Food Production Management Laboratory (1). Corequisite: FSS 3337. Commercial quantity food production experience.
- FSS 3423. Property Management in Hospitality Operations (3). The management of maintenance, energy, and engineering systems in hospitality industries; food service facilities planning, productivity work analysis, and sanitation; with computer applications.
- FSS 4338. Food and Beverage Management (2). Prerequisites: FSS 3337, 3337L, and senior standing. Corequisite: FSS 4338L. Management methods and concepts utilized in administration of advanced food and beverage functions.
- FSS 4338L. Food and Beverage Management Laboratory (1). Prerequisites: FSS 3337, 3337L, and senior standing. Corequisite: FSS 4338. Production and service of international cuisine.
- HFT 1350. Golf for Business and Life (1). (S/U grade only.) This course is designed for students who have never experienced the game of golf. Students learn the basics of the game in a casual, fun environment.
- HFT 2352. Introduction to Professional Golf Management (1). This course focuses on preparing students for the management of golf operations. For professional golf management majors only.
- HFT 3350. Introduction to Hospitality 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 3350. 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 3352. Managerial Behavior in Hospitality Operations (3). Prerequisite: HFT 3220. Prerequisite or Corequisite: FSS 4338, 4338L. Analysis and development of interpersonal management skills including leadership, ethics, employee and guest relations, and team building. Discussions on current issues, training, and quality management in the hospitality industry.

HFT 3600. Law for Hospitality Operations (3). Prerequisites: HFT 3220; BUL 3310. Basic concepts of law as applied to the hospitality industry including legal definitions, innkeeper/guest relationships, liability, and other legal problems.

HFT 3700. Tourism Management and the Environment (3). Tourism management, organization, and development. Emphasis on economic and environmental issues confronting the industry such as balancing use and preservation. Open to nonmajors.

HFT 3941r. Management Internship (1–3). (S/U grade only.) Prerequisites: Three, three (3) hour courses in hospitality administration, excluding DIS; 3.0 average. A management internship program providing on-the-job management experience in one of the specialty industries. A list of approved supervisors is maintained in the faculty office. Required for all hospitality majors, full-time equivalents. May be repeated to a maximum of nine (9) semester hours.

HFT 3949r. Cooperative Education Work Experience (S/U). (S/U grade only.)

HFT 4253. Club Management (3). HFT 3220. The study of hotel, motel, resort, and other types of lodging operations including functional department organization, operation, and systems. Emphasis on rooms department and computer usage in lodging properties as well as quality issues.

HFT 4294. Strategic Management and Operations Analysis in Hospitality Administration (3). Prerequisites or Corequisites: all hospitality core courses. Integrative, applied course in strategic management and decision making in the hospitality industry utilizing case studies and simulation exercises. An in-depth examination of the use of various management tools for problem solving. Discussions of industry trends, multicultural, and quality issues.


HFT 4502. Hospitality Services Marketing and Research (3). Prerequisite: MAR 3023. Applications of strategic market research and product/service positioning in the hospitality industry. Emphasis on competitive marketing strategies including sales, advertising, and promotion. Discussion of unique features of hospitality marketing, market research/analysis, ethics, and quality.

HFT 4866. Wine and Culture (3). An introduction to basic wine knowledge that, together with wine tasting, enhances student understanding and appreciation of wine and its place in our culture and heritage. Restricted to students 21 years of age and older. May not be taken as a S/U course.

HFT 4905r. Directed Individual Study (1–3). May be repeated up to five (5) times.

HFT 4930r. Special Topics in Hospitality Administration (1–3). In-depth study of current topics in hospitality administration. May be repeated to a maximum of twelve (12) semester hours when topics change.

HFT 4941. Field Study in Hospitality Administration (0). (S/U grade only.) 1,000 hours of satisfactory acceptable work experience in the hospitality industry. Discussion expands and integrates the work experience to enhance management decision-making skills. Report and supervisors' evaluation required. Students should register for this class the semester in which they will complete the work experience requirement.

HFT 4970r. Honors Thesis (1–4). Prerequisite: Admission to the honors program. May be repeated to a maximum of nine (9) semester hours. Six (6) semester hours of thesis are required to complete honors in the major.

Graduate Courses

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).

HUMAN SCIENCES, GENERAL COURSES: see College of Human Sciences

Department of Interdisciplinary HUMANITIES

College of Arts and Sciences

Chair: David F. Johnson; Assistant Director: Maricarmen Martinez; Seminar Instructors: Briggs, Clooonan, Crook, Darst, Fleming, Martinez; Director of Undergraduate Studies: Briggs

A bachelor of arts (BA) degree in humanities offers a broad interdisciplinary education in the thought, literature, art history, and music of Western and Eastern cultures. The interdepartmental undergraduate major is offered as a preparation for graduate work in the humanities and as a basic cultural background for a variety of professional fields, such as teaching, research, journalism, law, librarianship, foreign service, the religious professions, music, arts administration, and government service.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in humanities satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, or MUS 2360.

Requirements for a Major in Interdisciplinary Humanities

Please review all college-wide degree requirements in the “College of Arts and Sciences” chapter of this General Bulletin. All humanities majors must meet the language requirement for students seeking the bachelor of arts (BA) degree in the College of Arts and Sciences. For alternatives to satisfy this requirement, refer to ‘Foreign Language’ in the “College of Arts and Sciences” chapter of this General Bulletin. If a student chooses to double major, only six (6) semester hours may be applied to both majors. For general policies pertinent to a double major, refer to ‘Second Majors and Academic Regulations’ in the “Academic Regulations and Procedures” chapter of this General Bulletin.

The major and minor combination comprises a minimum of thirty-nine (39) semester hours beyond the liberal studies requirements and numbered above 1999. All course work counted toward the humanities major must be completed with a “C–” or higher. All humanities majors must take HUM 2210, 2235, 2250, and 3324 or their equivalents, before taking the required HUM 4935 seminar. Humanities majors must also take a nonwestern humanities course (x; 3 CU), or their equivalents, before graduation. If these courses have not been taken to fulfill the liberal studies requirement, they may be taken as University electives or in the concentration of the major with the approval of humanities adviser. A list of approved courses for the various tracks of the major can be found at: http://dih.fsu.edu/undergraduate_guide.html. The courses will be distributed as follows:

1. Eighteen (18) semester hours in one of the following departments: American studies; art history; Asian studies; classics; 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.
      ARH 3056 History and Criticism of Art I (3)
      ARH 3057 History and Criticism of Art II (3)
   b. Choose one of the four courses listed below.
      ENG 3014 Critical Issues in Literary Studies (3)
      ENG 4115 Film Theory (3)
      ENL 3334 Introduction to Shakespeare (3)
      ENL 4333 Shakespeare (3)
   c. Choose one of the five courses listed below.
      MUH 2011 Introduction to Music History—Music Appreciation: 18th and 19th Centuries (3)
      MUH 2012 Music in Western Culture, 19th and 20th (3)
      MUH 2051 Music Cultures of the World—Music of Tribal Folk Culture (3)
      MUH 2052 Music Cultures of the World II—Ritual and Art Music of the Non-Western World (3)
      MUH 3053 Minority Musics in North America (3)
   Note: Six (6) of the above hours are to be taken as part of the course requirements for either the departmental or the time period/concentration segments of the program.
4. Three (3) semester hours in HUM 4935 Seminar in the Humanities
   Note: This seminar can only be taken after receiving adviser approval and item #3 above has been completed.
   All interdisciplinary humanities majors are required to schedule regular advising appointments each semester. Additionally, humanities majors are required to schedule a graduation check with the college and with the University Registrar upon completion of ninety (90) semester hours. The student must also apply for graduation with the Registrar during the first two weeks of the semester in which the student expects to graduate. Failure to meet regularly with an adviser or to follow the specified procedures will delay progress toward completion of the degree.

Honors in the Major

The department offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and consult http://www.honorsinthemajor.fsu.edu.

Requirements for a Minor in Humanities

Courses taken to meet the humanities minor are not applicable to any other requirement. The undergraduate minor may be accomplished in one of the two following ways:
1. Twelve (12) semester hours in courses with the HUM prefix
2. Fifteen (15) semester hours of courses specified by the humanities program. The list is available online at iph.fsu.edu/undergraduate_information.html under the link “Minor Lists.” All course work counted toward the humanities must be completed with a “C–” or higher

Definition of Prefix

HUM—Humanities

Undergraduate Courses

HUM 2010. Humanities: From the Renaissance to the Enlightenment (3). Introduction to the thought, literature, and arts of Western culture from the Renaissance to the Enlightenment.

HUM 2320. Humanities: 18th-Century Romanticism to Postmodernism (3). Introduction to the thought, literature, and arts of Western culture from 18th-Century Romanticism to the Postmodern period.

HUM 2944r. University Honors Colloquium (1). (S/U grade only.) Prerequisite: Honors students only. Taught Fall term only. This seminar is structured to allow students to 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 3252. Humanities: Film and 20th Century Culture (3). Introduction to the thought, values, and arts of Western culture, with special emphasis on film.

HUM 3251. Multicultural Dimensions of Film and 20th Century Culture (3). Explores diversity within Western culture by focusing on film as a key medium for shaping social and cultural attitudes and values. Primary emphasis will be placed on the themes of race and gender, but the student will also be trained in the analysis and appreciation of film as a uniquely modern art form.

HUM 3324. Cultural Imperialism (3). An analysis of the significant works of literature and the other arts created under the dominant “imperial” cultures. The course focuses upon themes relating to colonial subjugation. Works will be analyzed from the perspective of the dominating culture and from the contrasting vision of the subjugated colonial cultures.

HUM 3413. Humanities: South Asian (3). Introduction to the religion, philosophy, literature, and arts of Indian and Islamic culture in their classical and modern expressions. Not offered every semester.

HUM 3416. East Asian Humanities (3). Introduction to the religion, philosophy, literature, and arts of Chinese and Japanese culture in their classical and modern expressions. Not offered every semester.

HUM 3800. Humanities: Principles of Criticism and Appreciation (3). Introduction to the principles of criticism and appreciation in the arts and the humanities.

HUM 3906r. Topics in the Civilization of Britain or Italy (3). May be repeated to a maximum of six (6) semester hours.

HUM 4084r. 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 and the instructor must keep in mind that the DIS requirements are the same as if the student 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 4084r cannot count toward major credit. May be repeated to a maximum of nine (9) semester hours.

HUM 4097r. Honors Work (1–6). Prerequisite: Honors only. May be repeated to a maximum of nine (9) semester hours.

HUM 4096r. Freshman Interest Group Peer Instruction (1). Spring term only. This course develops the knowledge, skills, and perspectives needed to be a Peer Instructor for the FGCU Colloquium. Instruction covers general information needed to support the values of this unique liberal studies educational endeavor.

HUM 4035r. Topics in the Civilization of Britain or Italy (3). May be repeated to a maximum of six (6) semester hours.

HUM 4054r. Interdisciplinary Topics (3). This course provides students from any discipline with an integrated interdisciplinary learning experience. The course is taught by instructors from at least two different departments and/or colleges. Topics vary. May be repeated to a maximum of twelve (12) semester hours.

HUM 4035r. Seminar in the Humanities (3). Prerequisite: Majors only. The seminar “Principles of Criticism and Interpretation of Humanities” 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.

Graduate Courses

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 5938r. Interdisciplinary Topics (3). (S/U grade only.)

HUM 5940r. Supervised Teaching (0–5). (S/U grade only.)

HUM 6094r. Readings for Examination (1–12). (S/U grade only.)

HUM 6939r. Seminar Topics (3).

Graduate courses may be repeated to a maximum of nine (9) semester hours. Courses taken for graduate credit may not be counted toward a major. Graduate students must schedule at least one conference a week on campus.

Iberian Studies Valencia Center Minor

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

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 studies in Spain. The sojourn in Valencia is the essential element in the minor, providing direct involvement in contemporary Spanish civilization as well as exposure to Spain’s historical cultural artifacts.

Requirements for a Minor in Iberian Studies

The interdisciplinary minor requires the completion of fifteen (15) semester hours (to include at least two disciplines) in courses approved by the Iberian Studies Valencia Center Minor Coordinating Committee. At least nine (9) semester hours of approved courses must be taken while the student is in residence at the FSU Valencia Study Center. A maximum of nine (9) semester hours may be counted in any single academic discipline. Students who intend to minor in Iberian studies should declare this intention with International Programs at the end of the semester in Valencia. Contact Betty Seymour at bseymour@admin.fsu.edu for more information.

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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<th>Course Code</th>
<th>Course Title</th>
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<td>18th Century Art (3)</td>
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<td>ARH 4421</td>
<td>Modern European Art: Postimpressionism Through Surrealism (3)</td>
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<td>ARH 4431</td>
<td>Modern European Art: Neoclassicism Through Impressionism (3)</td>
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<td>CPO 3103</td>
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<td>ECO 4713</td>
<td>International Finance (3)</td>
</tr>
<tr>
<td>EUS 3904</td>
<td>19th Century Europe: A Survey (3)</td>
</tr>
<tr>
<td>EUS 3905</td>
<td>20th Century Europe: A Survey (3)</td>
</tr>
<tr>
<td>EUS 4121</td>
<td>Earlier Middle Ages (3)</td>
</tr>
<tr>
<td>EUS 4124</td>
<td>The Crusades (3)</td>
</tr>
<tr>
<td>EUS 4140</td>
<td>Renaissance (3)</td>
</tr>
<tr>
<td>EUS 4144</td>
<td>Reformation (3)</td>
</tr>
<tr>
<td>EUS 4233</td>
<td>Rise of Nationalism (3)</td>
</tr>
<tr>
<td>EUS 4243</td>
<td>Europe, 1870–1900: The Age of European Hegemony (3)</td>
</tr>
<tr>
<td>EUS 4244</td>
<td>Fascism (3)</td>
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<tr>
<td>EUS 4602</td>
<td>European Intellectual History, 1500–1800 (3)</td>
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<tr>
<td>EUS 4603</td>
<td>European Intellectual History, 1800 to Present (3)</td>
</tr>
<tr>
<td>FIN 3244</td>
<td>Financial Markets, Institutions, and International Finance Systems (3)</td>
</tr>
<tr>
<td>FIN 4604</td>
<td>Multinational Financial Management (3)</td>
</tr>
<tr>
<td>HIS 4930r</td>
<td>Special Topics in History (3)</td>
</tr>
<tr>
<td>HIS 4935r</td>
<td>Senior Seminar (3)</td>
</tr>
<tr>
<td>HUM 2235</td>
<td>Humanities: From The Renaissance to The Enlightenment (3)</td>
</tr>
<tr>
<td>HUM 2250</td>
<td>Humanities: 18th Century Romanticism to Postmodernism (3)</td>
</tr>
<tr>
<td>HUM 3930r</td>
<td>Humanities: Special Topics (1–3)</td>
</tr>
<tr>
<td>LIT 4134</td>
<td>The European Novel through World War I (3)</td>
</tr>
<tr>
<td>LIT 4144</td>
<td>The Modern European Novel (3)</td>
</tr>
<tr>
<td>MAN 3600</td>
<td>Multinational Business Operations (3)</td>
</tr>
<tr>
<td>MAN 4605</td>
<td>Cross-Cultural Management (3)</td>
</tr>
<tr>
<td>MAN 4631</td>
<td>International Strategic Management (3)</td>
</tr>
<tr>
<td>MAN 4680r</td>
<td>Selected Topics in International Management (3)</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>Multinational Marketing (3)</td>
</tr>
<tr>
<td>MUH 2012</td>
<td>Music in Western Culture: 19th and 20th Centuries (3)</td>
</tr>
<tr>
<td>MUH 2051</td>
<td>Music Cultures of the World—Music of Tribal and Folk Cultures (3)</td>
</tr>
<tr>
<td>MUH 2052</td>
<td>Music Cultures of the World II—Ritual and Art Music of the Non-Western World (3)</td>
</tr>
<tr>
<td>PHH 3061</td>
<td>Medieval and Renaissance Philosophy (3)</td>
</tr>
<tr>
<td>REL 3363</td>
<td>The Islamic Tradition (3)</td>
</tr>
<tr>
<td>REL 3607</td>
<td>The Jewish Tradition (3)</td>
</tr>
<tr>
<td>REL 4564</td>
<td>Modern Roman Catholicism (3)</td>
</tr>
<tr>
<td>REL 4613</td>
<td>Modern Judaism (3)</td>
</tr>
<tr>
<td>SPN 4540r</td>
<td>Regional Cultural Studies (3)</td>
</tr>
<tr>
<td>SPN 4542r</td>
<td>Special Topics in Hispanic Languages and Literature (3)</td>
</tr>
<tr>
<td>SPW 3030</td>
<td>Approaching Hispanic Literature (3)</td>
</tr>
<tr>
<td>SPW 3103</td>
<td>Internship in Applied Spanish (1–6)</td>
</tr>
<tr>
<td>SPW 3104</td>
<td>Internship from Early Iberia (3)</td>
</tr>
<tr>
<td>SPW 3940r</td>
<td>Directed Individual Study in Hispanic Language (3)</td>
</tr>
<tr>
<td>SPW 4391r</td>
<td>Special Topics in Spanish America (3)</td>
</tr>
<tr>
<td>SPW 4392r</td>
<td>The Poetics of Hispanic Love and Violence (3)</td>
</tr>
<tr>
<td>SPW 4510r</td>
<td>Transatlantic Encounters (3)</td>
</tr>
<tr>
<td>SPW 4481r</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>
</tbody>
</table>

All other courses, with the exception of any Spanish courses below the 3000 level offered, at the Valencia Center may be counted toward the Iberian studies minor if a course syllabus shows that at least 50% of the material presented is relevant to the minor, and provided the Valencia Center Minor Coordinating Committee has given prior approval for their inclusion in the minor. In addition, special topics courses offered on the Florida State University campus on a one-time basis may be counted if the coordinating committee approves them. To have such courses considered, petition the Coordinating Committee, University Center A5500, Tallahassee, FL, 32306-2420
Department of
INDUSTRIAL ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Chair: Zhang; Professors: Awoniyi, Braswell, Wang, Zhang; Associate Professors: Liang, Okoli, Owusu, Pigatiello, Simpson; Assistant Professor: Boginski, Park; Adjunct Professor: 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 technologic 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 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 bachelor of science in industrial engineering (BSIE) curriculum is designed to comply with the current Accreditation Board for Engineering and Technology (ABET) criteria for accrediting engineering programs. Within the first few years following completion of the program, BSIE graduates are expected to have met these four program educational objectives:

- Been employed in industrial, service, or governmental organizations applying the industrial engineering skills in developing, designing, analyzing, implementing, or improving integrated systems that include people, materials, information, equipment, and energy
- Completed or enrolled in a graduate program
- Participated in a multicultural and diverse workplace
- Utilized teamwork, communication, and engineering management skills

To achieve these curricular objectives, all industrial engineering students must demonstrate or exhibit specific program outcomes. Students are instructed to contact their academic adviser or visit the departmental Web site at http://www.ie.eng.fsu.edu to obtain the current list of industrial engineering program outcomes.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in industrial engineering satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 3406.

Note: Neither CGS 2060 nor CGS 2064 satisfy the programming requirement for IE.

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 Florida State University.

They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101
2. ENC X102
3. MAC X311*
4. MAC X312*
5. MAC X313*
6. MAP X302
7. CHM X045/X045L*
8. PHY X048/X048L
9. PHY X049/X049L
10. Six (6) semester hours in humanities
11. Six (6) semester hours in social science
12. Three (3) additional semester hours in humanities or social science

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a Major in Industrial Engineering

It is the policy of the Department of Industrial Engineering that a student must receive passing grades in all prerequisite courses prior to enrolling in an industrial engineering course. Concurrent registration in a course and its prerequisites is not allowed. All prerequisites to prerequisites must be completed. Failure to abide by this policy can result in the cancellation of enrollment in the course at any time during the semester and with no refund of fees. Corequisite courses must be taken concurrently with or prior to enrolling in the course.

A candidate for the bachelor of science degree in industrial engineering is required to successfully complete the following courses, in addition to the other College of Engineering core requirements:

- EGN 3443 Statistical Topics in Industrial Engineering (3)
- EIN 3104 Introduction to Engineering Management (3)
- EIN 3390C Manufacturing Processes and Materials Engineering (5)
- EIN 4243 Ergonomics (3)
- EIN 4312 Tool and Process Engineering (3)
- EIN 4333 Design of Integrated Production Systems and Facilities Layout (3)
- EIN 4621 Manufacturing Systems Engineering (3)
- EIN 4891 Industrial Engineering Senior Design Project (3)
- ESI 3312C Operations Research I: Deterministic (3)
- ESI 3628 Computing Topics in Industrial Engineering (3)
- ESI 4234 Quality Control and Reliability Engineering (3)
- ESI 4313 Operation Research II: Nondeterministic (3)
- ESI 4523 Simulation of Industrial Engineering Systems (3)
- XXX XXXX Elective (with adviser’s approval) (3)
- XXX XXXX Mathematics Elective (3)
- XXX XXXX Department Electives (6)

Industrial engineering majors are required to consult with their IE undergraduate adviser before enrolling for the next academic term. Students must obtain current IE requirements and course offering schedules from the IE department.

Grade Requirements

In addition to University and college requirements regarding grades and grade point average (GPA), the Department of Industrial Engineering (IE) requires that the IE major achieve a grade within the “C” range or higher for all required IE courses. In accordance with College of Engineering policy, a student may request that a course completed with a grade of “D+”, “D”, or “D–” be counted toward the BSIE degree. Recommendation by the IE undergraduate adviser(s) and approval by the department chairperson and the associate dean are required for the course to be counted toward graduation credit.
Graduate Courses

EIN 5182. Engineering Management (3).
EIN 5353. Economic Analysis (3).
EIN 5392. Manufacturing Processes and Systems (3).
EIN 5398. Manufacturing Materials Processing (3).
EIN 5459. Concurrent Engineering (3).
EIN 5524. System Modeling and Simulation (3).
EIN 5622. Computer-Aided Manufacturing (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 6629. Tolerance and Metrology for Precision Manufacturing (3).
EIN 6901r. Master’s Thesis (1–6). (S/U grade only.)
EIN 6980. Dissertation (3–24). (S/U grade only.)
EIN 8964. Preliminary Doctoral Examination (0).
EIN 8976. Master’s Thesis Defense (0). (S/U grade only.)
EIN 8985r. Dissertation Defense (0).
EMA 5182. Composite Materials Engineering (3).
ESI 5223. Statistical Process Control (3).
ESI 5228. Introduction to ISO 9000 (3).
ESI 5243. Engineering Data Analysis (3).
ESI 5247. Engineering Experiments (3).
ESI 5328. Environmentally Conscious Design and Manufacturing (3).
ESI 5408. Applied Optimization (3).
ESI 5451. Project Analysis and Design (3).
ESI 5458. Optimization on Networks (3).
ESI 5524. Advanced Simulation Applications (3).
ESI 5525. Modeling and Analysis of Manufacturing and Industrial Systems (3).

INFORMATION TECHNOLOGY

College of Information


The College of Information offers a bachelor’s degree in information technology, a master’s degree accredited by the American Library Association, a specialist degree, and a doctor of philosophy degree. Refer to the “College of Information” chapter of this General Bulletin or to the college’s Web site at http://www.ci.fsu.edu for more details concerning degree programs and other information. For complete details of graduate degree requirements, plus a description of the College of Information and its facilities and opportunities, refer to the Graduate Bulletin.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in information technology satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100. Students are strongly encouraged to complete CGS 2064 if possible.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program.

1. COP XXXX (college-level programming course in C, C++, or Java)
2. CGS X060
3. MAC X105

Note: CGS 3408 (prerequisite: MAC 1140 or MAC 2233) may be substituted for COP XXXX.

Definition of Prefix
LIS—Library and Information Studies

Undergraduate Courses

LIS 2568. Multicultural Issues in Information Resources for Youth (3). Introduces students to diversity within Western society. Employs strategies for analyzing print, electronic, and digital information resources for youth that will assist students in understanding race, ethnicity, class, gender, disability, and age issues in the contemporary cultural context.

LIS 3521. 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.

LIS 3201. Research and Analysis for Information Professionals (3). This course provides students with an overview of the methodologies for analyzing information needs and preferences. It also offers the fundamentals for a broad approach with a unifying structure that may be applied to various information-seeking behaviors.

LIS 3267. Information Science (3). This course presents the history, philosophical bases, concepts, theories, and methodologies of information science. It also emphasizes the definitions and properties of information, formal and informal information systems, information organization, transfer, classification, formatting, and use.

LIS 3353. Technologies for Information Services (3). Beginning beyond the computer literacy level, the course covers an appreciation for the application of computer hardware, software, and information resources for the provision of library services. Highlights features and offers up-to-date coverage of technical developments with examples of real-world software applications and the principles by which computer systems and their networks support information seeking.

LIS 3946r. Cooperative Education Work Experience (0). (S/U grade only.) Prerequisite: Consent of adviser. Provides students with an unpaid work experience within a major area of information studies. May be repeated to a maximum of six (6) semester hours.

LIS 3949r. Cooperative Education Full-time Experience (0). (S/U grade only.) Prerequisite: Consent of adviser. Provides students with an paid work experience with a firm or agency to be determined on an individual basis.

Advanced Undergraduate Courses

LIS 3706. Information Systems and Services (3). Prerequisites: LIS 3267, 3353. This course provides practical hands-on experience implementing the concepts and practices of structuring information in digital information systems. This includes digital representation of a variety of forms of information, the storage and retrieval of this information, indexing structures, and architectural design.

LIS 3784. Information Organization and Communication (3). Prerequisites: LIS 3267, 3353. This course teaches the concepts and practices of structuring information for use in environments including databases, both digital and non-bibliographic. Topics include the organization and aggregation of information entities and the role of models in representing information appropriately.

LIS 3793. Information Architecture (3). Prerequisites: LIS 3267, 3353. This course provides an introduction to the scope and methods of information architecture in any setting, but emphasizes its application to the Web. The course examines the elements of an information architecture and some common technologies needed to design and create these elements.

LIS 4264. Systems Approach in the Information Environment (3). An introduction to the systems approach for problem solving in an information seeker’s environment. The theories and concepts of information science are integrated with a variety of practical tools for the structured design and implementation of information systems. Topics include the surrogation and aggregation of information entities and the role of models in representing information appropriately.

LIS 4276. Quantitative Methods in Information Studies (3). Prerequisites: LIS 3201, 3602 and senior standing or consent of instructor. This course introduces students to the processes of electronic information retrieval including some theoretical and technical and application issues, with a focus on local and digital networks.

LIS 4277. Usability and Usefulness of Information Systems (3). Prerequisites: LIS 3201, 4276. Introduces students to the concepts of cognitive and human information processing, their applications in the design of 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 create and produce materials for both electronic and print formats, including pages for the World Wide Web, slide shows for visual support of verbal presentations, and documents produced with desktop publishing software.

LIS 4351. Interface Design (3). Prerequisite: LIS 3353. Introduction to the theory of computer interface design for information specialists and the fundamental concepts and techniques of computer programming.

LIS 4365. Advanced Web Applications (3). Prerequisite: LIS 4301. Introduces courses and the concepts and technical needs of client and server side application technologies for World Wide Web information servers. Taught using hands-on experience and development 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: PHP/CGI, JavaScript, server authentication techniques, synchronized multimedia, and hyper-text authoring.

LIS 4366. Web Site Development and Administration (3). Prerequisite: LIS 4301. Issues and techniques related to the planning, production, and management of the World Wide Web site, 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 development as a provider and manager of electronic information.

LIS 4410. Societal Implications of the Information Age (3). An introduction to the evolving role of information in the “Information Age.” Emphasizes information services in society and contemporary information resources that fulfill society’s information needs. Considers the nature of electronic sources of information as well as other information formats and sources.

LIS 4481. Managing Information Resources and Services (3). Prerequisites: Three of the following: LIS 3267, 3353, 4301, 4351, and 4353. An introduction to the management of information resources and services.

LIS 4482. Managing Networks and Telecommunications (3). Prerequisite: LIS 3353. This is a foundation course in the use of networks and telecommunications to provide information services in modern data networks (LANs) and local area networks (LANS). The course deals with concepts, technical requirements, and a variety of management issues.

LIS 4701. Information Representation (3). Prerequisites: LIS 3267, 3602. Course adds the dimensions of time and space to the representation of organizational non-bibliographic information including unpublished and transitory materials such as archival and manuscript collections, business/office records, ephemera, and local databases. Course focuses on locally produced resources created for a narrowly defined, specific, and possibly restricted information user community for students to engage in independent and original research in a specialized area beyond the current curriculum in information technology. May be repeated to a maximum of nine (9) semester hours.

LIS 4708. Perspectives on Information Technology (3). Corequisite: LIS 4910 or consent of instructor. This is the capstone course in the information technology degree program. The course provides students with a broad perspective on the information technology field, the skills required to succeed in the field, and a familiarity with emerging technologies. It also allows students to complete their information technology portfolio. The course consists of discussions of issues in the information technology profession, emerging technologies, and directed work on the student’s degree portfolio.

LIS 4770. Information and Image Management (3). Describes the scope and the problems involved in the administrative management of records. Emphasis centers upon the importance of managing and controlling records from the time of their creation until their vital deposition.

LIS 4774. Information Security (3). An introduction to the concepts, policies, and issues surrounding digital and information security. Emphasizes the necessity to improve the security of servers, desktop systems, and digital networks.

LIS 4905r. Directed Individual Study (1–3). (S/U grade only.) Guided studies for individual students in the development of an academic program. May be repeated to a maximum of six (6) semester hours.

LIS 4910. Information Technology Project (3). Prerequisite:Permission from instructor. Students work in teams and individually to manage, design, implement, and evaluate an information technology project. Students are also given evaluation and guidance on improving artifacts from projects entered into their degree portfolio during other courses within the degree program.

LIS 4930r. Special Topics in Information Studies (3). Prerequisites: Three of the following: LIS 3201, 3267, 3353, 3602, 4276, and 4351. An introduction to the processes of electronic information retrieval including some theoretical and technical and application issues, with a focus on local and digital networks.

LIS 4940r. Internship in Information Studies (1–6). (S/U grade only.) Prerequisites: LIS 3232, 3267, 3353, 3602, 4276, 4351. The intensive reading and preparation of position papers concerning current issues in information studies, followed by discussion of these papers with faculty and information specialists. May be repeated to a maximum of six (6) semester hours.

LIS 4941. Information Technology Practicum (3). This course provides a broad overview of the information technology used by the College of Information, including the college’s information technology infrastructure, help desk, and Virtual Private Network (VPN). This course is a practicum designed to provide experiential learning.

LIS 4970r. Honors Work in Information Studies (1–6). Prerequisites: Member of the University honors program and information technology major. Course provides an opportunity for students to engage in independent and original research in a specialized area beyond the current curriculum in information technology. May be repeated to a maximum of nine (9) semester hours. To graduate with honors in information studies, the student must complete at least two of the following: 12 semester hours of course work with at least a “B+” or better and an overall 3.2 GPA or higher.
Graduate Courses

LIS 5105. Communities of Practice (3).
LIS 5203. Assessing Information Needs (3).
LIS 5241. International and Comparative Information Service (3).
LIS 5260. Information Science (3).
LIS 5263. Theory of Information Retrieval (3).
LIS 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 5406. Management of Information Organizations (3).
LIS 5411. Introduction to Information Policy (3).
LIS 5413. Seminar in Information Policy (3).
LIS 5416. Introduction to Legal Information (3).
LIS 5417. Introduction to Legal Resources (3).
LIS 5418. Introduction to Medical Informatics (3).
LIS 5484. Introduction to Data Networks for Information Professionals (3).
LIS 5487. Information Systems Management (3).
LIS 5489. Network Administration (3).
LIS 5511. Management of Information Collections (3).
LIS 5512. School Collection Development and Management (3).
LIS 5513. Preservation of Information Materials (3).
LIS 5524. Instructional Role of the Informational Specialist (3).
LIS 5564. Information Needs of Children (3).
LIS 5565. Information Needs of Young Adults (3).
LIS 5566. Multicultural Literature and Information Resources for Children and Young Adults (3).
LIS 5567. International Literature for Children and Young Adults (3).
LIS 5576. Information Needs of Adults (3).
LIS 5590. Museum Informatics (3).
LIS 5603. Introduction to Information Services (3).
LIS 5703. Information Organization (3).
LIS 5711. Cataloging and Classification (3).
LIS 5736. Indexing and Abstracting (3).
LIS 5737. Subject Analysis (3).
LIS 5771. Information and Image Management (3).
LIS 5782. Database Management Systems (3).
LIS 5900r. Directed Individual Study (1–3). (S/U grade only.)
LIS 5916r. Issues in Information Studies (1–3).
LIS 5945r. Internship (0–12). (S/U grade only.)
LIS 6205. Issues in Information Behavior (3).
LIS 6269. Seminar in Information Science (3).
LIS 6279r. Research in Information Studies (3).
LIS 6289. Seminar in Education for Information Studies (3).
LIS 6662. Seminar in Information Policy (3).
LIS 6759. Seminar in Intellectual Access (3).
LIS 6909r. Directed Individual Study (1–8). (S/U grade only.)
LIS 6911r. Research Collaboration (1–5). (S/U grade only.)
LIS 6919r. Issues in Information Studies (1–5).

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

INSTITUTIONAL RESEARCH:
see Educational Leadership and Policy Studies

INSTRUCTIONAL SYSTEMS:
see Educational Psychology and Learning Systems
1. Liberal studies: of the required and elective semester hours, four (4) should be taken in textiles (CTE 1401), and three (3) should be taken in an art history course selected by the student. The department is prepared to offer suggestions about related courses. Refer to "The Liberal Studies Program" in the "Undergraduate Degree Requirements" chapter of this General Bulletin for specific degree requirements. Contact the program career counselor for further information if needed.

2. Interior design studio courses: twenty-one (21) semester hours
3. Technical and graphic design courses: twenty-one (21) semester hours
4. Lecture-based support courses: fifteen (15) semester hours
5. History of interiors and architecture: nine (9) semester hours
6. Electives in interior design: six (6) semester hours

Requirements for Bachelor of Arts Degree (only)
1. Electives in art-related courses must also meet University humanities requirement
2. Language requirement is the equivalent of two years of language proficiency (no credit requirement).
Refer to "The Liberal Studies Program" section in the "Undergraduate Degree Requirements" chapter of this General Bulletin for specific degree requirements.

Requirements for a Major in Interior Design
The program is a limited access major with required sequential course offerings and elective courses in interior design. Four diagnostic courses are offered the first year of study (IND 1203, 1204, 1206, and 1406). In a portfolio review of work generated from these four classes held at the end of the Spring Term (called First Year Review), the top 40 students are chosen to move forward into the second year and above studies. Transfer students may take all four diagnostic courses during the Summer term, and then go through First Year Review (their numbers counting within the total 40 students chosen to move forward).

A specific listing of courses required for the majors in interior design is available on the department Web site at http://www.fsu.edu/~inddes. Internship preparation and placements are available for all undergraduate students, and students are urged to elect these studies. A minor is not required, but may be obtained in other appropriate areas (departmental advisement required prior to electing a minor).

Students majoring in interior design must maintain the minimum GPA for semester and overall averages. Students must also satisfactorily complete Portfolio Reviews I and II to remain in the program and satisfactorily complete Portfolio Review III to graduate.

Honors in the Major
The Department of Interior Design offers a program in honors in the major to encourage talented juniors and seniors to undertake independent research as part of the undergraduate experience. For requirements and other information, see the "University Honors Office and Honor Societies" chapter of this General Bulletin.

Definition of Prefixes
CTE—Clothing and Textiles
IND—Interior Design

Undergraduate Courses

Courses required for First Year Review
IND 1203. Design Fundamentals I (3). The study and development of two- and three-dimensional design projects using the elements and principles of design.
IND 1204. Design Fundamentals II (3). Prerequisite: IND 1203. The continuing study and development of two- and three-dimensional design projects using the elements and principles of design leading to the development of architectural space.
IND 1206. Introduction to Interior Design (3). A survey of the elements and principles of interior design to create an awareness of the made environment and a comprehensive appreciation of design.
IND 1406. Technical Drawing (3). An introductory architectural drafting course encompassing structural information and technical skill building in orthographic, paraline, and perspective views.

Courses required upon completion of First Year Review

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 2300. Graphic Techniques I (3). Prerequisite: First year review. The introduction to achronomic media used in sketching, rendering, and design drawing, with an emphasis on problem solving in project and freehand drawing.
IND 2310. Graphic Techniques II (3). Prerequisite: IND 2300. This introduction to computer graphics color media, reproduction processes, and presentation drawings, with a focus on the reinforcement of perspective and freehand drawing proficiencies, as well as rapid rendering techniques for interior delineation.
IND 3217. Interior Design Studio I (3). Introduction to the fundamental elements and principles of design, design process, problem solving, space planning, and specifications.
IND 3217r. Lighting Fundamentals (3). Prerequisite: IND 3217. Advanced technical aspects of interior design with emphasis on lighting, electrical plans, reflected ceiling plans, measurements, and acoustics.
IND 3930r. Special Topics in Interior Design (1–3). May be repeated to a maximum of twelve (12) semester hours.
IND 4101r. History of Interiors I (3). The study of architecture, interior, and furniture design from antiquity through the Renaissance. May be repeated to a maximum of six (6) semester hours.
IND 4131r. History of Interiors II (3). The study of architecture, interior, and furniture design of the 17th and 18th centuries. May be repeated to a maximum of six (6) semester hours.
IND 4156r. Historical Restoration, Research and Documentation (3–6). The study, research, and documentation of restoration and preservation procedures, sources of antiques, and reproductions. Includes field trips. May be repeated to a maximum of six (6) semester hours.
IND 4161r. History of Interiors III (3). The study of architecture, interior, and furniture design from the 19th century to the present. May be repeated to a maximum of six (6) semester hours.
IND 4218r. Interior Design Studio II (3). Prerequisite: IND 3217. Intermediate projects in creative problem solving applied to both residential and contract interiors. Emphasis on graphic communication and presentation.
IND 4227r. Interior Design Studio III (3). Prerequisite: IND 4218. Advanced projects in creative problem solving with emphasis on programming, spatial analysis, and open-office systems.
IND 4229r. Interior Design Studio IV (3–6). Prerequisite: IND 4227. Advanced application of the design process with emphasis on individual professional objectives and procedures for portfolio presentation. May be repeated to a maximum of six (6) semester hours.
IND 4506. Business Practices (3). Prerequisite: IND 4227. This course involves advanced analysis and research into the theory and philosophy of professional interior design practice.
IND 4601. Sociological and Psychological Aspects of Design (3). An exploration of the relationship between humans and their environment through the study of personal and social use of space, proxemics, spatial analysis, and the effects of the environment on human behavior.
IND 4905r. Directed Individual Study (1–3). (S/U grade only.) Student has the opportunity to pursue independent work in the area of delineation or resources under the direction of a faculty member. May be repeated to a maximum of twelve (12) semester hours.
IND 4947r. Internship (1–3). Student has the opportunity to pursue experience with design firm or other related field under the direction of a faculty member. May be repeated to a maximum of twelve (12) semester hours.
IND 4970r. Honors in the Major (3). For honors credit, the Department of Interior Design requires a two-term honors program consisting of six (6) thesis or project hours to be counted toward elective credit. Upon meeting Florida State University’s requirements for honors courses, the student will pursue independent creative and academic research as part of the undergraduate program.

Other Courses
IND 3903. Survey of Interior Design (3). For non-majors. A survey of the elements and principles of interior design to create an awareness of the made environment and a comprehensive appreciation of design.
IND 3925. Dimensional Design (3). Exercises and experiences in fundamental design problems, with application of the elements and principles of design. Creative studio projects in two and three dimensional design building on the graphic and technical design process.
IND 3936. Interior Design Graphics I (3). Graphic presentation techniques, including 1- and 2-point perspective and computer applications.
IND 3940. Technical Design I (3). Introduction to basic technical aspects of interior design. Emphasis on basic drafting skills, drawing types, visualizations, and other essential technical systems in interiors.

Definition of Prefixes
CTE—Clothing and Textiles
IND—Interior Design
Program in INTERNATIONAL AFFAIRS

COLLEGE OF SOCIAL SCIENCES

Director: Lee Metcalf, Social Sciences

The Departments of Anthropology, Economics, Geography, History, Modern Languages and Linguistics, Philosophy, Political Science, Religion, Sociology, and 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 nonprofit), business, journalism, and teaching.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in international affairs satisfy this requirement by earning a grade of "C-" or higher in CGS 2060, CGS 2064, or CGS 2100.

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.

Majors must also complete the basic university computer competency requirement (see above).

Students are advised to coordinate their course work with foreign language study, focusing on a regional concentration (e.g., Africa, the Middle East, East or South Asia, Russia, Eastern and Central Europe, Western Europe, or Latin America). Majors are encouraged to include such courses as INR 2002, ECO 2013 and 2023, GEA 1000, and WOH 1030 among the courses they take to fulfill the liberal studies requirements (if those courses are taken to fulfill the liberal studies requirements, however, they cannot also be counted toward the major requirements).

In addition to a 2.0 overall GPA all students must meet "mapping" requirements. See http://academic-guide.fsu.edu for more information.

Business Option

A major in international affairs with an emphasis in business may be selected. This option combines regular international affairs courses with a planned series of business courses with a multinational focus. Students interested in pursuing this option must have prior approval of the director of international affairs. Students are registered in the business courses on a seats available basis. For this reason, approval to pursue the business option must be re-evaluated each semester.

Students pursuing the business option select a minimum of twenty-one (21) semester hours from the approved list for the major, excluding courses from the department of economics. The remaining courses come from a pre-selected sequence of business courses in one of two tracks (marketing or finance). ECO 2013 and ECO 2023 are required prerequisite courses for the emphasis. The finance track requires an additional
prerequisite course, ACG 2021. Students should seek advising, declare intent, and have approval reevaluated each semester by the international affairs program adviser in 211 Bellamy.

Study Abroad

Students majoring in international affairs are strongly encouraged to participate in the program’s summer curriculum offered in Europe. For more information about the European summer program for international affairs majors, contact the Office of International Programs.

Students should consult with the international affairs director about any other study abroad programs they wish to pursue. Course work taken in overseas locations must be approved in advance for credit toward the major.

Internship

The Program in International Affairs encourages students to take advantage of internships with agencies and businesses in Florida’s capital that work in the international arena. International affairs students can also take advantage of internships in Washington, D.C. through the Washington Center Program, and in The Republic of Panama through FSU–Panama. Most significantly, international affairs students can apply for one of the several prestigious internships in London, where we place our students in Parliament, the American Embassy, Amnesty International, NBC, the Associated Press, the British-American Chamber of Commerce, and other significant organizations. All application materials must be submitted and all internships must be approved the semester before the internship takes place. See the IA program adviser in 211 Bellamy for further information.

Honors in the Major

The Program in International Affairs offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Double Majors

 Majors in international affairs may also major in disciplines represented by the participating departments. These double majors, however, may only count nine (9) semester hours of course work toward both of their majors. For example, a double major in international affairs and economics may count ECO 4704, 4713, and ECS 4013 toward a major in international affairs and a major in economics. Any additional economics courses that are counted toward the international affairs major (up to a maximum of eighteen [18] semester hours), however, must not also be counted toward the economics major.

Requirements for a Minor in International Affairs

A minor consists of eighteen (18) semester hours beyond the liberal studies requirements with grades of “C–” or better. Work must be taken in at least three (3) participating departments, and all those courses must be from the approved list of courses below. Modern language courses numbered above 2999 may count toward the minor. Nine (9) of the eighteen (18) semester hours must be numbered above 2999.

A maximum of six (6) semester hours of directed individual studies or internship credits may apply to the minor.

Approved Courses

Descriptions of individual courses can be found under the departments in which they are taught.

Note: In addition to the courses listed below, special topics courses may be approved by the program director in any particular term. Students may visit the program office, located in Bellamy 211, for information about these listings. Once enrolled in such a course, students should contact the office to obtain a course approval memo for their student file.

Anthropology

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANT 2410</td>
<td>Introduction to Cultural Anthropology (3)</td>
<td></td>
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<tr>
<td>ANT 3141</td>
<td>World Prehistory (3)</td>
<td></td>
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<tr>
<td>ANT 3212</td>
<td>Peoples of the World (3)</td>
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<tr>
<td>ANT 4241</td>
<td>Anthropology of Religion (3)</td>
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Economics

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<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECO 2000</td>
<td>Introduction to Economics (3)</td>
<td></td>
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<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics (3)</td>
<td></td>
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<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics (3)</td>
<td></td>
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<tr>
<td>ECO 3303</td>
<td>History of Economic Ideas (3)</td>
<td></td>
</tr>
<tr>
<td>ECO 3622</td>
<td>Growth of American Economy (3)</td>
<td></td>
</tr>
<tr>
<td>ECO 4704</td>
<td>International Trade (3)</td>
<td></td>
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<tr>
<td>ECO 4713</td>
<td>International Finance (3)</td>
<td></td>
</tr>
<tr>
<td>ECP 3113</td>
<td>Economics of Population (3)</td>
<td></td>
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<tr>
<td>ECP 3302</td>
<td>Economics of Natural Resources, Energy and the Environment (3)</td>
<td></td>
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<tr>
<td>ECP 3322</td>
<td>Economics of Living Marine Resources (3)</td>
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<tr>
<td>ECS 3003</td>
<td>Comparative Economic Systems (3)</td>
<td></td>
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<tr>
<td>ECS 4013</td>
<td>Economics of Development (3)</td>
<td></td>
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<tr>
<td>ECS 4333</td>
<td>Transition of Soviet and Eastern European Economies (3)</td>
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Geography

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<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GEA 1000</td>
<td>World Geography (3)</td>
<td></td>
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<tr>
<td>GEA 2210</td>
<td>United States and Canada (3)</td>
<td></td>
</tr>
<tr>
<td>GEA 3173</td>
<td>Third World in Film (3)</td>
<td></td>
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<tr>
<td>GEA 3563</td>
<td>The Mediterranean (3)</td>
<td></td>
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<tr>
<td>GEA 3704</td>
<td>East and Southeast Asia (3)</td>
<td></td>
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<tr>
<td>GEA 4405</td>
<td>Latin America (3)</td>
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<tr>
<td>GEA 4500</td>
<td>Europe (3)</td>
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<tr>
<td>GEA 4520</td>
<td>Britain and Ireland (3)</td>
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<tr>
<td>GEA 4554</td>
<td>Russia and Southern Eurasia (3)</td>
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<tr>
<td>GEO 1331</td>
<td>Environmental Science (3)</td>
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<tr>
<td>GEO 1400</td>
<td>Human Geography (3)</td>
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<tr>
<td>GEO 3540</td>
<td>Economic Geography (3)</td>
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<tr>
<td>GEO 4340</td>
<td>Living in a Hazardous Environment (3)</td>
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<tr>
<td>GEO 4357</td>
<td>Environmental Conflict and Economic Development (3)</td>
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<tr>
<td>GEO 4372</td>
<td>Natural Resource Assessment and Analysis (3)</td>
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<tr>
<td>GEO 4403</td>
<td>Global Change, Local Places (3)</td>
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<tr>
<td>GEO 4420</td>
<td>Cultural Geography (3)</td>
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<tr>
<td>GEO 4471</td>
<td>Political Geography (3)</td>
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<tr>
<td>GEO 4480</td>
<td>Military Geography (3)</td>
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<tr>
<td>GEO 4602</td>
<td>Urban Geography (3)</td>
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History

All history courses are on the list of courses approved for international affairs majors except those courses with the AMH (American History) or the HIS prefix. Only three AMH courses and one HIS course are on the approved list for international affairs majors, namely:

<table>
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<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AMH 3544</td>
<td>The United States and Vietam 1941–1975 (3)</td>
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<tr>
<td>AMH 4510</td>
<td>United States Foreign Relations to 1900 (3)</td>
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<tr>
<td>AMH 4511</td>
<td>Twentieth-Century United States Foreign Relations (3)</td>
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<tr>
<td>HIS 4250</td>
<td>War and the Nation State (3)</td>
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</tbody>
</table>

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 lan-
guages, students must have a minimum of twelve (12) semester hours of advanced-level course work in one language, including two courses in culture and/or literature.

**Philosophy**
- PHI 2010 Introduction to Philosophy (3)
- PHI 3420 Philosophy of the Social Sciences (3)
- PHM 3331r Modern Political Thought (3)
- PHM 3400 Philosophy of Law (3)
- PHM 4340r 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 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 3933 Special Topics in International Relations (3)
- INR 4075 International Human Rights (3)
- INR 4078 Confronting Human Rights Violations (3)
- INR 4083 International Conflict (3)
- INR 4102 American Foreign Policy (3)
- INR 4124 Statecraft (3)
- INR 4244 Studies in International Politics: Latin America (3)
- INR 4274 Studies in International Politics: The Middle East (3)
- INR 4334 American Defense Policy (3)
- INR 4702 Political Economy of International Relations (3)
- PAD 3003 Public Administration in American Society (3)
- PHM 3331r Modern Political Thought (3)
- PHM 4340r Contemporary Political Thought (3)
- POT 3003 Introduction to Political Thought (3)

**Religion**
- REL 1300 Introduction to World Religions (3)
- REL 2315 Religions of South Asia (3)
- REL 2350 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)
- SYP 3454 Global Justice Movements (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**

**Graduate Courses**
- INR 5012. Problems of Globalism (3).
- INR 5906r. Directed Individual Study (1–3). (S/U grade only.)
- INR 5910r. Supervised Research (1–3). (S/U grade only.)
- INR 5935r. Special Topics (1–3). (S/U grade only.)
- INR 5936r. Special Topics in International Affairs (1–3).
- INR 5938. Joint Seminar in International Affairs (3).

For listings relating to graduate course work for thesis, master’s comprehensive examination, and thesis defense, consult the Graduate Bulletin.

**INTERATIONAL/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**

**Coordinator:** James E. Pitts (International Programs)

The Italian studies Florence Center minor is concerned with the culture of Italy from ancient times to the present. The minor is built around the student’s program of studies at the Florida State University Florence Study Center, allowing the student to pursue the minor before, during, and after the student attends the Florence program. The minor gives greater focus to, and enhances the quality of, the student’s program of studies in Italy. The sojourn in Florence is the essential element in the minor, providing direct involvement in contemporary Italian civilization as well as exposure to Italy’s historical cultural artifacts.
**Requirements for a Minor in Italian Studies**

The 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 International Programs at the end of the semester in Florence. Contact Betty Seymour at bseymour@admin.fsu.edu for further information.

The student must have completed at least three (3) semester hours (or the equivalent) in elementary Italian prior to attending the Florence Center.

A minimum grade of “C-” must be earned for all courses taken for the minor. In addition, a minimum cumulative grade point average of 2.0 must be maintained in all courses counted toward the minor.

**Core Courses**

These courses will be counted in the minor whether they are taken on the Tallahassee campus or in Florence. Descriptions of these courses can be found under the individual departments in which they are taught:

- **ARH 3150 Art and Archaeology of Ancient Italy (3)**
- **ARH 4120 Etruscan Art and Archaeology (3)**
- **ARH 4151 Art and Archaeology of the Early Roman Empire (3)**
- **ARH 4304 History of Renaissance Architecture (3)**
- **ARH 4310 Early Italian Renaissance Art: 15th Century (3)**
- **ARH 4312 Later Italian Renaissance Art: 16th Century (3)**
- **ARH 4352 Southern Baroque Art (3)**
- **CLA 2010 Introduction to Greek and Roman Civilization (3)**
- **CLA 3052 Women, Children, and Slaves in Ancient Rome: The Roman Family (3)**
- **CLA 4447r Studies in Roman History (3)**
- **CLA 4870r 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 4241 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)**

**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 Study Center may be counted toward the minor if a course syllabus shows that at least 50 percent of the material presented is relevant to the minor, and provided the Florence Center Minor Coordinating Committee gives approval for their inclusion in the minor. In addition, special topics courses offered on Florida State University’s 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 A3500, Tallahassee, FL, 32306-2420.

**JAPANESE:**

see Asian Studies; Modern Languages and Linguistics

**LATIN:**

see Classics

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**Program in LATIN AMERICAN AND CARIBBEAN STUDIES**

**COLLEGE OF ARTS AND SCIENCES**

**Interim Director:** Maricarmen Martinez (Humanities); **Cooperating Colleges, and Departments:** Anthropology, Art History, Business, Communication, Economics, English, Geography, History, Humanities, Modern Languages and Linguistics, Music, Philosophy, Political Science, Religion, Sociology, Theatre, and Urban and Regional Planning

The Program in Latin American and Caribbean Studies (LACS) is designed to inspire and develop knowledge and experience of the region. Interdisciplinary by design, cooperating departments and several concentrations support innovative blends of teaching and research with the goal of providing undergraduates a solid grasp of Latin America’s present and past, and emphasizing major aspects of the region’s unique structures. Additionally, majors and minors are encouraged to participate in the related programs in Costa Rica and Panama. As the intellectual home for an interdisciplinary community of scholars, students, and visitors, LACS supports a range of research and teaching amid a broader array of sponsored lectures, cultural events, and internships.

Depending on the areas of emphasis selected and the complementary major or minor, the baccalaureate program may be viewed as preparation for graduate school in various fields or as leading to professions in government and international service, multinational commerce, law, teaching, and translation.

For more information, please refer to [http://www.fsu.edu/~lacs](http://www.fsu.edu/~lacs)

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary, computer competency skills vary from discipline to discipline. Each major determines the courses needed to satisfy this requirement. Undergraduate majors in Latin American and Caribbean studies satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

**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 (3) disciplines must be represented in those courses selected. At least twelve (12) of the total major hours must be at or above the 4000 level. Students also must complete the initial sequence or equivalent of Spanish, Portuguese, or another relevant language approved by the adviser. (This also may be used to satisfy the language requirement of the College of Arts and Sciences.)

**Note:** A grade of “C-” or better must be earned in a course in order for it to count toward a major or minor in Latin American and Caribbean studies.
**Required Minor or Second Major**

Students in the major should select a minor or second major after consultation with their adviser; normally it should be in one of the participating departments or colleges. Consult the specific department or college 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 course work, 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.

<table>
<thead>
<tr>
<th>Department</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anthropology</strong></td>
<td>ANT 4163</td>
<td>Mesoamerican Archaeology</td>
<td>3</td>
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<td>ANT 4166r</td>
<td>Regional Civilizations in Ancient Mesoamerica</td>
<td>3</td>
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<td>ANT 4167</td>
<td>Maya Hieroglyphic Writing</td>
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<td></td>
<td>ANT 4227r</td>
<td>Topics in Pre-Colombian Art and Iconography</td>
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<td>ANT 4309</td>
<td>Conquest of the Americas</td>
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<td>ANT 4323</td>
<td>Peoples and Cultures of Mexico and Central America</td>
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<td>ANT 4337</td>
<td>Peoples and Cultures of Amazonia</td>
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<td><strong>Art History</strong></td>
<td>ARH 3800r</td>
<td>Methods of Art Criticism</td>
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<td>ARH 4523</td>
<td>West African Art and the Diaspora: Brazil, Haiti,</td>
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<td>ARH 4933</td>
<td>Special Topics in Art History</td>
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<tr>
<td><strong>Business</strong></td>
<td>FIN 3244</td>
<td>Financial Markets, Institutions, and International Finance Systems</td>
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<td>FIN 4604</td>
<td>Multinational Financial Management</td>
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<td>MAN 3600</td>
<td>Multinational Business Operations</td>
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<td>MAN 4605</td>
<td>Cross-Cultural Management</td>
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<td>MAR 4156</td>
<td>Multinational Marketing</td>
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<td><strong>Communication</strong></td>
<td>ADV 3410</td>
<td>Hispanic Marketing Communication</td>
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<td><strong>Economics</strong></td>
<td>ECO 4704</td>
<td>International Trade</td>
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<td>ECO 4713</td>
<td>International Finance</td>
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<td>ECS 4013</td>
<td>Economics of Development</td>
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<td><strong>English</strong></td>
<td>AML 3630</td>
<td>Latino/a Literature in English</td>
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<td>AML 3682</td>
<td>American Multi-Ethnic Literature</td>
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<td></td>
<td>AML 4680r</td>
<td>Studies in Ethnic Literature</td>
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<td><strong>Geography</strong></td>
<td>GEA 4405</td>
<td>Latin America</td>
<td>3</td>
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<td><strong>History</strong></td>
<td>AMH 4511</td>
<td>Twentieth Century United States Foreign Relations</td>
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<td>HIS 4930</td>
<td>Special Topics in History</td>
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<td>LAH 3411</td>
<td>History of Mexico, Central America and the Caribbean</td>
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<td>LAH 3456</td>
<td>History of Panama Since 1940</td>
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<td>LAH 3500</td>
<td>History of South America</td>
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<td>LAH 3734</td>
<td>Latin American History Through Film</td>
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<td>LAH 4430</td>
<td>History of Mexico</td>
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<td>History of the Caribbean</td>
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<td>LAH 4600</td>
<td>History of Brazil</td>
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<td>LAH 4723</td>
<td>Race and Class in Colonial Latin America</td>
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<td>LAH 4748</td>
<td>Social Revolutionary Movements in Latin America</td>
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<td>Multicultural Dimensions of Film and 20th Century Culture</td>
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<td>HUM 3324</td>
<td>Cultural Imperialism</td>
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<td>HUM 3930</td>
<td>Humanities: Special Topics</td>
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<td><strong>Latin American and Caribbean Studies</strong></td>
<td>LAS 4905r</td>
<td>Directed Individual Study</td>
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<td>LAS 4935r</td>
<td>Honors Work</td>
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<td>LAS 4940r</td>
<td>Internship in Latin American and Caribbean Studies</td>
<td>1–6</td>
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<td><strong>Modern Languages and Linguistics</strong></td>
<td>POR 3140</td>
<td>Portuguese for Advanced Students of Spanish I</td>
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<td>POR 3141</td>
<td>Portuguese for Advanced Students of Spanish II</td>
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<td>PRT 3391r</td>
<td>Brazilian Literature and Film in Translation</td>
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<td>SPN 3332</td>
<td>Communication in Language and Culture I</td>
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<td>SPN 3333</td>
<td>Communication in Language and Culture II</td>
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<td>SPN 3350</td>
<td>Spanish for Heritage Speakers</td>
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<td>Language and Culture in Business</td>
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<td>SPN 3520</td>
<td>Cultures of Latin America</td>
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<td>SPN 4440</td>
<td>Business Writing in Spanish</td>
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<td>SPN 4540r</td>
<td>Regional Cultural Studies</td>
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<td>SPN 4740</td>
<td>Hispanic Sociolinguistics</td>
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<td>SPT 3130</td>
<td>Latin American Literature in Translation</td>
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<td>SPW 3030</td>
<td>Approaching Hispanic Literature</td>
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<td>SPW 3132</td>
<td>Readings from Early Spanish America</td>
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<td>SPW 3391r</td>
<td>Hispanic Cinema</td>
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<td>SPW 3493</td>
<td>Readings from Modern Spanish America</td>
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<td>SPW 4140r</td>
<td>The Poetics of Hispanic Love and Violence</td>
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<td>SPW 4150r</td>
<td>Transatlantic Encounters</td>
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<td>SPW 4301r</td>
<td>Hispanic Culture and Performance</td>
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<td></td>
<td>SPW 4491</td>
<td>Spanish American Women Writers</td>
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<td>SPW 4770</td>
<td>Caribbean Literature</td>
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<td>MUH 4542</td>
<td>Music of Latin America II</td>
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<td>MUH 4543</td>
<td>Music in the Caribbean</td>
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<td><strong>Political Science</strong></td>
<td>CPO 3034</td>
<td>Politics of Developing Areas</td>
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<td>CPO 3303</td>
<td>Politics of Latin America</td>
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<td>INR 4244</td>
<td>Studies in International Politics: Latin America</td>
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<td>REL 3128r</td>
<td>Topics in Religion in the Americas</td>
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<td>REL 3375</td>
<td>Afro-Caribbean Religions</td>
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<td>REL 4564</td>
<td>Modern Roman Catholicism</td>
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</table>
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)*

Urban and Regional Planning
URP 4402 Sustainable Development Planning in the Americas (3)

Note: All courses listed above that are marked with an asterisk (*) and additional special topics courses and senior seminars may count toward either a major or minor in Latin American and Caribbean studies if the content deals in part with Latin America and the Caribbean and assigned research papers are written on issues of the region. Students are advised to keep syllabi and research papers from these courses for verification purposes.

Note: Descriptions of the above courses may be found under the individual departments in which they are taught.

Definition of Prefix
LAS — Latin American Studies

Undergraduate Courses
LAS 4905r. Directed Individual Study (3). May be repeated to a maximum of six (6) semester hours when content varies. Can be repeated within same semester.
LAS 4935r. Honors Work (3). Open to participants in the University and department honors program. Participation in a supervised research problem and the production of a paper describing the results of that work. May be repeated to a maximum of nine (9) semester hours.
LAS4940r. Internship in Latin American and Caribbean Studies (1–6). Prerequisites: Completion of sixty (60) semester hours; completion of fifteen (15) semester hours in LACS; an overall or LACS GPA of 3.0; and permission of the adviser a semester in advance. Internships in approved organizations provide practical experience in a number of fields, in which the student may apply interdisciplinary knowledge of the region and specific disciplinary training. May be repeated to a maximum of twelve (12) semester hours.

LAW

College of Law

The College of Law educates students for the practice of law and develops in them the breadth of vision and qualities of character necessary for meeting the full responsibilities of the legal profession. Its aim is excellence in the preparation of students so that they will acquire the knowledge, comprehension, skills, and judgment essential to the performance of legal services in a complex and rapidly changing society. The College of Law prepares highly qualified graduates for positions as counselors, advocates, judges, law-oriented business persons, researchers, teachers, and philosophers of the law.

For further details of degree requirements, plus a description of the college and its opportunities, refer to the College of Law’s Web site at http://www.law.fsu.edu

Definition of Prefix
LAW—Law

Graduate Courses
LAW 5000. Contracts I (2–3).
LAW 5001. Contracts II (2–3).
LAW 5300. Civil Procedure (4).

LAW 5400. Property I (2–3).
LAW 5402. Property II (2–3).
LAW 5501. Constitutional Law I (3).
LAW 5502. Constitutional Law II (3).
LAW 5700. Torts (4).
LAW 5792. Legal Writing and Research I (2).
LAW 5793. Legal Writing and Research II (2–3).
LAW 6010. Sales and Leases (2–3).
LAW 6020. Commercial Paper (2).
LAW 6030. Secured Transactions (2–3).
LAW 6035. Commercial Law Survey (1–4).
LAW 6060. Business Associations (4).
LAW 6062. Agency and Partnership (2–3).
LAW 6080. Insurance Law (2–3).
LAW 6235. Women and the Law (3).
LAW 6260. International Law (3).
LAW 6302. Federal Jurisdiction (3).
LAW 6310. Alternative Dispute Resolution (2–3).
LAW 6312. Mediation (3).
LAW 6315. Arbitration (3).
LAW 6321. Remedies (3).
LAW 6330. Evidence (4).
LAW 6420r. Land Transfer (2–3).
LAW 6430. Gratuitous Transfers (4).
LAW 6460. Land Use Regulation (3).
LAW 6470. Environmental Law (3).
LAW 6480r. Natural Resources Law (2–3).
LAW 6520. Administrative Law (1–4).
LAW 6524. Statutory Interpretation (3).
LAW 6530. Local Government Law (3).
LAW 6545. Employment Law Survey (3–4).
LAW 6550. Antitrust Law (2–3).
LAW 6555. Law and Economics (3).
LAW 6571. Intellectual Property I (2–3).
LAW 6572r. Intellectual Property II (2–3).
LAW 6600r. Taxation (3–4).
LAW 6610. Corporate Tax (2–4).
LAW 6618. Taxation of Business Entities (3).
LAW 6620. Estate and Gift Tax (3).
LAW 6670. Real Estate Transactions (3).
LAW 6702r. Products Liability (2–3).
LAW 6703. Advanced Torts (2–3).
LAW 6705. Worker’s Compensation (2–3).
LAW 6720r. Health Law and Policy (2–3).
LAW 6794. Writing Skills (3).
LAW 7040. Consumer Law (2–3).
LAW 7050. Creditors’ Rights (3).
LAW 7054. Bankruptcy Policy Seminar (2).
LAW 7055. Corporate Reorganization (2).
LAW 7064. Corporate Finance (2–3).
LAW 7111. Constitutional Criminal Procedure I (2–3).
LAW 7113. Constitutional Criminal Procedure II (2–3).
LAW 7116. Florida Criminal Practice (2–3).
LAW 7227. American Legal History I (2–3).
LAW 7228. American Legal History II (2–3).
LAW 7229. American Legal History III (2–3).
LAW 7233. Cyber Law (2–3).
LAW 7236. Reproductive Rights (3).
LAW 7237. Diversity and the Constitution (2–3).
LAW 7245. Seminar in Law and Literature (2). (S/U grade only.)
LAW 7246. Lawyers and Literature (2–3).
LAW 7250. Comparative Law (2–3).
LAW 7252. Comparative Criminal Procedure (2–3).
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 because it 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.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in the law and society concentration in the Interdisciplinary Program in Social Science satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

**Requirements for a Minor in Law and Society**

A minor in law and society shall consist of at least five courses from the designated curriculum, including law and society (POS 3691), and either sociology of law (SYP 3540) or economics and the law (ECP 3451), as two of the five courses. The remaining three may be selected from the list of approved courses below.

**Requirements for a Major**

A primary concentration in law and society is available in the social science interdisciplinary major. It consists of introduction to law and society (POS 3691), either economics and law (ECP 3451) or sociology of law (SYP 3540), and four (4) 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)
Interdepartmental LINGUISTICS MINORS

COLLEGE OF ARTS AND SCIENCES
Curriculum Committee: Lara Reglero, Gretchen Sunderman, Carolina Gonzalez, and Michael Leeser (Modern Languages and Linguistics)
Linguistics is concerned with the study of the nature of language. There are linguistic applications in the areas of anthropology, sociology, psychology, mathematics, computer sciences, philosophy, and audiology and speech pathology.

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; EXP 4640; PHI 3220

Note: Additional courses may count with approval of the departmental curriculum committee.

Graduate
Graduate students in linguistics must take at least fifteen (15) semester hours from the linguistics courses listed below; two of these must be core courses.

Core Courses
LIN 5035 or 5045, 5510

Other Courses
LIN 5772, 5908r, 5932; SPN 5805

Note: Additional courses may count with approval of the departmental curriculum committee.

LINGUISTICS:
see also Modern Languages and Linguistics; Anthropology; Communication Disorders; English; and Psychology

Department of MANAGEMENT

COLLEGE OF BUSINESS
Chair: Bruce T. Lamont; Professors: Ferris, Fiorito, Lamont, Martinko, Perrewé, Stepina; Associate Professors: Combs, Douglas, Hochwarter, Matherly; Assistant Professors: Humphrey, Ranft, Van Ildekinge; Associates in Management: O’Connor, Ryals, Simmons, Trammel; Assistants in Management: Blass, Bowers, Diez-Arulugas, Frances Eppe Professor of Management: Ferris; J. Frank Dame Professor of Management: Fiorito; Carl DeSantis Professor of Business Administration: Lamont; Bank of America Professor of Business Administration: Martinko; Jim Moran Professor of Business Administration: Perrewé

The management curriculum provides students with an understanding of the nature of managerial work, including both the art and the science of managing. The curricula emphasize the management of human resources, as well as strategic planning, managerial problem solving, and decision making. Within the management degree program, students choose to major in general management or human resources management consistent with their specific interests. The overall objective of these curricula is to prepare students for entry-level positions in small and large organizations, leading to line or staff management careers in either the public or private sector. Many graduates enter jobs as managerial associates, sales associates, or human resource professionals.

Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competencies vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in general management and human resources management satisfy this requirement by earning a grade of “C–” or higher in CGS 2100.

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 STA X122 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 General 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 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.

- BUL 3310 The Legal Environment of Business (3)
- FIN 3403 Financial Management of the Firm (3)
- GEB 3213 Business Communications (3)
- MAN 3240 Organizational Behavior (3)
- MAR 3023 Basic Marketing Concepts (3)

General Business Breadth Requirements

All general management majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<td>Strategic Management and Business Policy (3)</td>
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<td>FIN 3244</td>
<td>Financial Markets, Institutions, and International Finance Systems (3)</td>
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<td>ISM 3003</td>
<td>Foundations of Management Information Systems (3)</td>
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<td>MAN 3504</td>
<td>Services Operations Management (3)</td>
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<td>MAN 3600</td>
<td>Multinational Business Operations (3)</td>
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<tr>
<td>MAR 3700</td>
<td>Professional Selling (3)</td>
<td></td>
</tr>
<tr>
<td>QMB 3200</td>
<td>Quantitative Methods for Business Decisions (3)</td>
<td></td>
</tr>
<tr>
<td>REE 3043</td>
<td>Real Estate (3)</td>
<td></td>
</tr>
<tr>
<td>RMI 3011</td>
<td>Risk Management/Insurance (3)</td>
<td></td>
</tr>
</tbody>
</table>

Major Area Requirements

All general management majors must complete six (6) courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the general management major area requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 4301</td>
<td>Human Resource Management (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4701</td>
<td>Business and Society (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4752</td>
<td>Competitive Dynamics (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4143</td>
<td>Contemporary Leadership Challenges (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4401</td>
<td>Management of Labor and Industrial Relations (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4441</td>
<td>Negotiation and Conflict Management (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4605</td>
<td>Cross Cultural Management (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4930r</td>
<td>Special Studies in Business (3)</td>
<td></td>
</tr>
</tbody>
</table>

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)
- Plus four (4) electives from the following list of courses:
  - FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)
  - HFT 3240 Managing Service Organizations (3)
  - ISM 3003 Foundations of Management Information Systems (3)
  - MAN 3504 Services Operations Management (3)
  - MAN 3600 Multinational Business Operations (3)
  - MAR 3700 Professional Selling (3)
  - QMB 3200 Quantitative Methods for Business Decisions (3)
  - REE 3043 Real Estate (3)
  - RMI 3011 Risk Management/Insurance (3)

Major Area Requirements

All human resource management majors must complete five (5) courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the human resource management major area requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 4301</td>
<td>Human Resource Management (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4320</td>
<td>Staffing (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4350</td>
<td>Training and Development (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4390</td>
<td>Current Issues in Human Resource Management (3)</td>
<td></td>
</tr>
<tr>
<td>Plus one (1) elective from the following list of courses:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAN 4401</td>
<td>Management of Labor and Industrial Relations (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4441</td>
<td>Negotiation and Conflict Management (3)</td>
<td></td>
</tr>
<tr>
<td>MAN 4605</td>
<td>Cross Cultural Management (3)</td>
<td></td>
</tr>
</tbody>
</table>

Definition of Prefixes

GEB—General Business
MAN—Management

Undergraduate Courses

GEB 1036. Introduction to Careers in Business (3). (S/U grade only.) This course is designed for freshmen with 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). (S/U grade only.) This course is designed for freshmen with a grade of “C–” or better must be earned in each course used to satisfy the human resource management major area requirements.

GEB 3213. Business Communications (3). Prerequisite: Upper division level business major. Course is designed to help business students develop the writing, verbal, and interpersonal skills that are necessary for a successful business career.

MAN 3305. Concepts of Management (3). Introduction to the nature and process of management, with emphasis upon management of physical and human resources. (Credit not allowed for business majors.)

MAN 3240. Organizational Behavior (3). Behavioral concepts, techniques, and applications for managing human resources in all types of organizations.

MAN 3940r. Cooperative Education Work Experience (6). (S/U grade only.) Course provides broad exposure to the theories and practice of effective leadership and supervision in today’s business and explores contemporary leadership challenges from a practical point of view, with opportunities to develop and practice effective leadership skills.


MAN 4320. Staffing (3). Prerequisites: MAN 3240, 4301. The study of the design and operation of systems for employee recruitment and selection, including current practices 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 4665. Cross-Cultural Management (3). Prerequisite: MAN 3240. Course studies the unique issues of managing in non-native culture. Discusses management situations where members of more than one cultural group are included, along with strategies for maximum effectiveness in such situations.

MAN 4631. International 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 4690r. Explorations in International Management (3). Prerequisites: ECO 2013, 2023; MAN 3600. Selected topics in international management will vary depending upon the instructor for the course. Topics such as cultural influences on management, international personnel management, 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 to a hands-on business simulation of competitive dynamics with an eye toward contemporary, emerging competitive issues confronting business senior executives and owners.

MAN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

MAN 4930r. Special Studies in Business (1–3). Prerequisite: Consent of instructor. May be repeated to a maximum of nine (9) semester hours as topics vary.

MAN 4941r. Field Study in Management (1–3). (S/U grade only.) Prerequisite: Consent of instructor. Provides student with on-the-job experience in major area.

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

Graduate Courses

MAN 5245. Organizational Behavior (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 6306. Doctoral Seminar in Human Resource Management (3).

MAN 6795r. Doctoral Seminar in Strategic Management: Selected Topics (3).

MAN 6911r. Supervised Research (1–3). (S/U grade only.)

MAN 6917. Doctoral Seminar in Management Research: Research Design (3).

MAN 6932. Doctoral Seminar in Strategic Management (3).

MAN 6933r. Doctoral Seminar in Organizational Behavior (3).

MAN 6934. Doctoral Seminar in Management Research: Data Analysis and Interpretation (3).

MAN 6941r. Supervised Teaching (1–3). (S/U grade only.)

MAN 6979. Seminar in Research (3).

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

Graduate 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.

- **ISM 3003** Foundations of Management Information Systems (3)
- **MAN 4720** Strategic Management and Business Policy (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 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)

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.

- **CGS 3066** Introduction to Internet Technology (3)
- **CGS 4404** Advanced Application Development (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)
- **ISM 4314** Project Management (3)

Two elective courses from the approved list available in the College of Business Undergraduate Programs Office and the MIS Department Office.

**Definition of Prefixes**

- **CGS**—Computer General Studies
- **ISM**—Information Systems 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.
- **CGS 4404** Advanced Application Development (3). Prerequisites: CGS 3666; CGS 4113. This course presents advanced application development methodology, technology, and tools. Students work on teams in the applied study of complex systems development problems and cases.
- **ISM 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 3011** Management Information Systems (3). Prerequisite: CGS 2100. Introduction to management information systems concepts, with emphasis on describing information requirements, managing information resources, and applying information processing technology to business and management.

**Graduate Courses**

- **ISM 5021** Information and Technology Management (3).
- **ISM 5046** Social and Organizational Issues in MIS (3).
- **ISM 5118** Advanced Systems Analysis and Decision (3).
- **ISM 5123** Information Systems Analysis and Design (3).
- **ISM 5206** Database Development and Management (3).
- **ISM 5207** Advanced Database Management (3).
- **ISM 5226** Network Development and Management (3).
- **ISM 5315** Project Management (3).
- **ISM 5316** Advanced Project Management (3).
- **ISM 5327** Corporate Information Security (3).
- **ISM 5428** Knowledge Management and Business Intelligence (3).
- **ISM 5475** Client/Server Applications (3).
- **ISM 5507** E-Business (3).
- **ISM 5906r** Directed Individual Study (1–3). (S/U grade only.)
- **ISM 5907r** Information and Systems Management: Special Studies in Management (1–3).
- **ISM 5935** Special Topics in Information and Management Sciences (1–3).
- **ISM 6109** Doctoral Seminar in General Systems Theory (3).
- **ISM 6395** Doctoral Seminar in Management Information Systems (3).
- **ISM 6405** Doctoral Seminar in Decision Processes and Structures (3).
- **ISM 6885** Seminar on Applied MIS Research (3).
- **ISM 6917r** Supervised Research (1–3). (S/U grade only.)
- **ISM 6919r** Supervised Teaching (1–3). (S/U grade only.)
- **ISM 6979** Doctoral Seminar in Research Methods and the Philosophy of Science (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of MARKETING

COLLEGE OF BUSINESS
Chair: Michael Hartline; Professors: Brusco, Cronin, Downs, Flynn, Giunipero, Golub, Hofacker, Showalter; Associate Professors: Brady, Darke, Hartline, Knight; Assistant Professors: Kim, Lee, Smith; Assistants in Marketing: Larsen, Pallentino; Richard M. Baker Professor of Marketing: Golub; Carl DeSantis Professor of Business Administration: Cronin; Charles A. Bruning Professor of Business Administration: Hartline

The marketing curriculum is designed to prepare students for successful careers in the many phases of marketing in both the public and private sectors. Courses are oriented toward: 1) problem solving and management decision making; 2) providing basic knowledge of the tools, types of organization, and institutions utilized in performing the various marketing functions; and 3) developing the ability to plan and implement marketing policy, strategy, and procedures.

The total curriculum is designed to impart knowledge and competence in marketing that will enable graduates to progress well in the early stages of their careers; develop the ability to analyze, plan, organize, coordinate, motivate, and control; think creatively; communicate effectively; and gain broad perspectives essential to the attainment of ownership or top management responsibilities.

Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in marketing satisfy this requirement by earning a grade of “C–” or higher in CGS 2100.

State of Florida Common Course Prerequisites
The State of Florida has identified common course prerequisites for this University degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division program:
1. ACG X021, or ACG X001 and ACG X011
2. ACG X071
3. CGS X100*
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100
Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Requirements for a Major in Marketing
All students must complete: 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common prerequisites for marketing majors; 3) the general business core requirements for marketing majors; 4) the general business breadth requirements for marketing majors; and 5) the major area requirements for marketing majors.

Note: To be eligible to pursue a marketing major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements
All marketing majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUL 3310</td>
<td>The Legal Environment of Business (3)</td>
</tr>
<tr>
<td>FIN 3403</td>
<td>Financial Management of the Firm (3)</td>
</tr>
<tr>
<td>GEB 3213</td>
<td>Business Communications (3)</td>
</tr>
<tr>
<td>MAN 3240</td>
<td>Organizational Behavior (3)</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Basic Marketing Concepts (3)</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 3003</td>
<td>Foundations of Management Information Systems (3)</td>
</tr>
<tr>
<td>MAN 3504</td>
<td>Services Operations Management (3)</td>
</tr>
<tr>
<td>QMB 3200</td>
<td>Quantitative Methods for Business Decisions (3)</td>
</tr>
</tbody>
</table>

Plus two (2) electives from the following list of courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 3244</td>
<td>Financial Markets, Institutions, and International Finance Systems (3)</td>
</tr>
<tr>
<td>HFT 3240</td>
<td>Managing Service Organizations (3)</td>
</tr>
<tr>
<td>MAN 3600</td>
<td>Multinational Business Operations (3)</td>
</tr>
<tr>
<td>MAN 4720</td>
<td>Strategic Management and Business Policy (3)</td>
</tr>
<tr>
<td>MAR 3700</td>
<td>Professional Selling (3)</td>
</tr>
<tr>
<td>REE 3043</td>
<td>Real Estate (3)</td>
</tr>
<tr>
<td>RMI 3011</td>
<td>Risk Management/Insurance (3)</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 3503</td>
<td>Consumer Behavior (3)</td>
</tr>
<tr>
<td>MAR 4613</td>
<td>Marketing Research (3)</td>
</tr>
<tr>
<td>QMB 4700</td>
<td>Operations Research for Managerial Decisions (3)</td>
</tr>
</tbody>
</table>

Plus four (4) electives from the following list of courses (electives may be chosen to complete one of the three concentrations described below):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 3600</td>
<td>Multinational Business Operations (3)</td>
</tr>
<tr>
<td>MAR 3231</td>
<td>Retailing Management (3)</td>
</tr>
<tr>
<td>MAR 3323</td>
<td>Promotional Management (3)</td>
</tr>
<tr>
<td>MAR 3461</td>
<td>Principles of Purchasing (3)</td>
</tr>
<tr>
<td>MAR 3700</td>
<td>Professional Selling (3)</td>
</tr>
<tr>
<td>MAR 3711</td>
<td>Sports, Recreation, and Entertainment Marketing (3)</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>Multinational Marketing (3)</td>
</tr>
<tr>
<td>MAR 4203</td>
<td>Logistics and Supply Chain Management (3)</td>
</tr>
<tr>
<td>MAR 4403</td>
<td>Sales Management (3)</td>
</tr>
<tr>
<td>MAR 4453</td>
<td>Industrial Marketing (3)</td>
</tr>
<tr>
<td>MAR 4462</td>
<td>Seminar in Purchasing/Materials Management (3)</td>
</tr>
<tr>
<td>MAR 4614</td>
<td>Advanced Marketing Research (3)</td>
</tr>
<tr>
<td>MAR 4831</td>
<td>Price and Product Management (3)</td>
</tr>
<tr>
<td>MAR 4840</td>
<td>Services Marketing (3)</td>
</tr>
<tr>
<td>MAR 4860</td>
<td>Customer Relationship Management (3)</td>
</tr>
<tr>
<td>MAR 4880</td>
<td>Electronic Marketing (3)</td>
</tr>
<tr>
<td>MAR 4939</td>
<td>Marketing Seminar (3)</td>
</tr>
</tbody>
</table>

Students may 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: CGS 2100; QMB 3200. Methodology and theory of the design and management of productive systems, especially in the services industry. Includes quantitative techniques and procedures for process analysis.

MAR 3023. 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. Marketing Research (3). Prerequisite: MAR 3023. Focuses on issues related to management of promotional tools including advertising, personal selling, sales promotion, public relations, and publicity.

MAR 3461. Principles of Purchasing (3). Prerequisite: MAR 3023. Introduction to the concepts, principles, and techniques of purchasing physical resources for all types of organizations.

MAR 3503. Consumer Behavior (3). Prerequisite: MAR 3023. Acquaints the student with the fundamental theories from the behavioral sciences as applied to the consumer decision-making process.

MAR 3700. Professional Selling (3). Prerequisite: MAR 3023. This course addresses the application of behavior and persuasive communication theories and the techniques necessary to develop effective personal selling skills within organizations.

MAR 3711. Sports, Recreation and Entertainment Marketing (3). Prerequisite: MAR 3023. This course provides students a framework for understanding how marketing strategies and tactics can be successfully applied within sports, and within recreational and entertainment organizations.

MAR 4156. Multinational Marketing (3). Prerequisites: MAR 3023; MAN 3600. Introduces the student to marketing 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 4403. Sales Management (3). Prerequisite: MAR 3023. Exposes the student to concepts, activities, and analysis pertaining to sales and the management of the sales force.

MAR 4462. Seminar in Purchasing/Materials Management (3). Prerequisite: MAR 3461. Advanced concepts in purchasing and materials management. Emphasis is on recent research and current practice to achieve strategic sourcing objectives.

MAR 4613. Marketing Research (3). Prerequisites: MAR 3023; QMB 3200. Examines marketing research as an information-providing activity for the purpose of management decision making.

MAR 4614. Advanced Marketing Research (3). Prerequisite: MAR 4613. Provides experience in designing and conducting actual marketing research studies.

MAR 4831. Price and Product Management (3). Prerequisite: MAR 3023. Familiarizes students with the scope and complexity of the marketing executive’s product and pricing management problems.

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. This course introduces students to the basic theories and terminology of customer relationship management. Special emphasis is placed on customer retention and technological tools for enhancing customer relationships.

MAR 4880. Electronic Marketing (3). Prerequisite: MAR 3023. This course examines internet communication, direct selling through electronic commerce, and Internet-based promotional communications.

MAR 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

MAR 4909r. 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; MAN 3010. Consent of instructor required. Provides student with on-the-job experience in major area.

MAR 4970r. Honors Thesis (3). Prerequisite: 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 these are required to complete the major.

QMB 4700. Operations Research for Managerial Decisions (3). Prerequisite: MAN 3504. Quantitative analysis for management decisions involving such topics as linear programming, inventory control, queuing, and project management.

Graduate Courses

GEB 6904r. Readings for Examination (1–12). (S/U grade only.)

MAN 5501. Operations Management (3).

MAN 5691. 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 Marketing (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 6675. Seminar in Marketing: Selected Topics in Consumer Behavior (3).

MAR 6685. Quantitative Methods II: Psychometric and Econometric Approaches to Marketing (3).

MAR 6685. 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 5755. Seminar in Operations Research (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.

Department of MATHEMATICS

COLLEGE OF ARTS AND SCIENCES

Chair: Philip L. Bowers; Associate Chair: Bellenot; Associate Chair for Graduate Studies: Case; Director of Basic Mathematics: Stiles; Director of Applied Mathematics: Q. Wang; Director of Financial Mathematics: Kercheval; Director of Biomedical Mathematics: Quine; Director of Pure Mathematics: Aluffi; Co-Directors of Actuarial Science: Case, Paris; Professors: Aluffi, Bellenot, P. Bowers, Case, Erlebacher, S. Fenley, Gunzburger, Heil, Huckaba, Hussaini, Klassen, Koprina, Mesterton-Gibbons, Mio, Navon, Nicholls, Oberlin, Peterson, Quine, Sep Sensors, Tam, Wang, Xq; Associate Professors: Bertram, Hironaka, Kercheval, Magnan, Nolder, Okten, Stiles, Sussman, Van Hoeij; Assistant Professors: Agashie, Aldrovandi, Cogan, Ewalt, Goncharov, Horne, Hurdal, Kim, Musliami, Tempone, Wang, Xq; Associates in Mathematics: Blackwelder, Boyd, Dodaro, Everage, Grigorian, Kirby, Wooland; Assistants in Mathematics: K. Bowers, Kutter, Paris, Rogers; Professors Emeriti: Blumsack, Bryant, Gilmer, Heeren, Howard, Hunter, Kreimer, Mott, Wright; Courtesy Professors: Banks, Beaumont, Chen, M. Fenley, Gallivan, Gan, Marcoli, Mascagni, Tabak, Zeichiedrich

The Department of Mathematics (http://www.math.fsu.edu/) offers programs of study leading to the bachelor of science (BS) and bachelor of arts (BA) degrees, the master of science (MS) and master of arts (MA) degrees, and the doctor of philosophy (PhD) degree. (For details of the master’s and doctoral degrees, see the Graduate Bulletin.) A combined degree plan may be developed for a strong undergraduate, especially one entering with advanced credit. This allows a student to earn both a bachelor’s and a master’s degree in about five years. A degree in mathematics can be regarded as the central component of a liberal education, or as preparation for professional study in another field or mathematics graduate study. Students can also look forward to employment in an industrial or financial firm, a governmental agency, or teaching in a secondary college or university institution; the Actuarial Science program is professionally oriented toward the insurance and financial sectors.

Florida State University
The department has a widely recognized research faculty, all of whom teach undergraduate students. Under the direction of a faculty member, selected students may choose to pursue an individual research project under Honors in the Major. For all students, the University provides Internet access, course Web pages and communications, and access to a number of leading databases, including the Mathematical Review. The department operates its own network of computers and computer labs. Faculty and students in the department have access to a variety of mathematical software, which is used in courses and in research. For additional information, see the departmental Web site.

The department offers opportunities for its majors to participate in learning activities outside the classroom. The Florida State University Mathematical Society provides a venue in which undergraduate students and faculty meet monthly to share interests and enjoy an accessible lecture by a faculty member or a distinguished visitor. The Florida State Student Actuarial Society benefits from a first-rate professional relationship with actuarial employers; actuaries from government, insurance, and consulting firms often visit the department to describe the field and interview students for summer internships and employment. The students share experiences about summer internships and prepare for actuarial examinations; well-placed graduates of the program help current students. The department fields a team for the William Lowell Putnam Examination, a nationwide competition among mathematics students conducted annually by the Mathematical Association of America. A Fall seminar is held for students to become familiar with Putnam-style problems and to hone their skills at solving them. Each year the local chapter of the national mathematics honorary society Pi Mu Epsilon inducts students of high academic achievement from each of the three majors. All of these activities offer opportunities to socialize while learning.

Departmental Programs

There are four majors leading to the bachelor’s degree: applied and computational mathematics, pure mathematics, biomedical mathematics, and actuarial science (please consult the “Programs in Actuarial Science” section of this Undergraduate Bulletin). In any of these majors, students who intend to pursue graduate work in higher mathematics are encouraged to include appropriate mathematics sequences. Under the direction of a faculty member, a student may pursue a flexible major program to fit particular interests or an individual research project under honors in the major.

Combined BS/MS Degrees

This program in mathematics is built on the department’s four major options at the graduate level: (pure) mathematics, applied and computational mathematics, biomedical mathematics, and financial mathematics. With the sharpened focus of university experience, a student from any of the department’s four undergraduate options might discover mathematical interests to pursue any one of the graduate options.

This combined degree program allows the motivated and focused student in either the mathematics or the actuarial science program to complete both bachelor’s and master’s degree in nine to eleven semesters. Up to twelve (12) semester hours of courses from a master’s option may be dual-eligible for credit toward the bachelor’s degree.

Academic Performance

A grade of “C–” or better is required in all courses to be counted toward these degrees. A student who has accumulated more than five grades below “C–” (including grades of U) in mathematics or computer science courses taken for college credit at Florida State University or elsewhere, whether repeated or not, will not be permitted to continue as a major in the department.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in mathematics, applied mathematics and biomedical mathematics satisfy this requirement by earning a grade of “C–” or higher in CGS 3406. Undergraduate majors in actuarial science satisfy this requirement by earning a grade of “C–” or higher in CGS 3406.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for each degree program:

Mathematics

1. Three (3) semester hours of COP XXXX (computer language: Pascal, FORTRAN, C, C++, or C++)
2. MAC X311
3. MAC X312
4. MAC X313
5. Successful completion of two laboratory-based science courses (eight [8] semester hours) for respective science majors: BSC XXXX/XXXXL or CHM XXXX/XXXXL or PHY XXXX/XXXXL

Actuarial Science

1. Three (3) semester hours of COP XXXX (computer language: FORTRAN, C, C++, or Pascal)
2. MAC X311
3. MAC X312
4. MAC X313
5. ECO X013
6. ECO X023

Students are encouraged to complete the courses ACG X021, MAP X302, and STA X122 in their first two years. A grade of “C–” or better is required in all courses to be counted toward the degrees.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. The student should also obtain, from the departmental office and Web site, revisions to the degree guidelines since this printing.

The bachelor of arts (BA) degree in mathematics or actuarial science can be obtained by completion of the bachelor of science (BS) degree requirements plus additional courses required by the University as set forth in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Students should complete the State of Florida Common Course Prerequisites, including the physics or economics requirements, during the first two college years.

A student who expects to continue on to doctoral work in mathematics is encouraged to complete the foreign language requirement in French, German, or Russian.

Mathematics courses at the 4000 level applied toward any departmental major must be taken at 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

Students may double major in actuarial science and any of the three mathematics majors (pure, applied/computational, or biomedical) by completing all of the prerequisite and degree requirements for each selected program. A student may also complete a second major in another...
department. The flexible plan major is particularly appropriate for students in other majors who seek deeper mathematics study, or students in mathematics who have interdisciplinary interests.

Requirements for a Minor in Mathematics

A minor in mathematics consists of twelve (12) semester hours in courses with prefixes MAA, MAC, MAD, MAP, MAS, MAT, MGF, MHF, and MTG, but not including any of the courses numbered 1XXX, or MAC 2233. A grade of “C–” or better must be earned in each course counted toward the minor.

Baccalaureate Degree in Mathematics

Courses required for each of the degree options in mathematics are MAP 2302 and MAS 3105. The student must exhibit proficiency in a scientific computer programming language, and must also satisfy the University’s computer skills competency requirement. Students will normally complete CGS 3406 to satisfy both those requirements, although the former may be shown by courses in C, C++, FORTRAN, Java, or another approved higher-level language. Successful completion of MAD 3703 will also suffice. STA 4321 is required for students entering Fall 2006 and later. Representative requirements for the three mathematics major options follow. Students should refer to the departmental Web site (http://www.math.fsu.edu) or the departmental office (208 LOV) for the most current information.

Major in Mathematics. In addition to the State of Florida Common Course Prerequisites and the courses above, the student will complete PHY 2048C or some other approved calculus-based natural or social science course and will complete the courses MAS 4302; MAA 4224 or 4226; and four of the following, of which at least two must be at the 4000 level: MAA 4227, 4402; MAD 2104, 3105, 3703, 4704; MAP 4103, 4153, 4180, 4216, 4331, 4341, 4342; MAS 4106, 4203, 4303; MAT 4934; MGF 3301; MHF 4302; MTG 4302. At least one of the sequences following, or an approved substitution, must be included: MAA 4226-4227, MAP 4302, MAT 4934-4939. MAA 4402 is required. Additional computer languages are recommended. A student intending to do graduate work in pure mathematics should take MAA 4226-4227 and MAS 4302-4303 as well as MAA 4402 and MTG 4302.

Major in Applied Mathematics. In addition to the State of Florida Common Course Prerequisites and the courses above, the student will complete PHY 2048C (PHY 2049C is highly recommended) and the courses MAD 3703; MAP 4103 and 4341; and three of the following: MAA 4224 or 4226, 4227, 4402; MAD 4704; MAP 4153, 4180, 4202, 4216, 4331, 4342; MAS 4106, 4203, 4303; MAT 4934; MGF 3301; MHF 4302; MTG 4302. At least one of the sequences following, or an approved substitution, must be included: MAA 4226-4227, MAP 4402 and MTG 4302, MAD 3703-4704; MAP 4341-4342, or MAA 4402-4303. 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 Biomedical Mathematics. This new major can lead to employment in the area of biological applications, to medical school, or to graduate school in mathematical biology or the sciences. In addition to the State of Florida Common Course Prerequisites, the student will complete collateral science courses including BSC 2010, 2010L, 2011; CHM 1045C, 1045L, 2048C or 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 applications of calculus to biology and a 4000-level course in biological modeling are required, along with upper-division mathematics courses from a list of approved courses. Students should consult the departmental office or the Web site for exact requirements.

Baccalaureate Degree in Actuarial Science

In addition to the State of Florida Common Course Prerequisites, there are interdisciplinary degree requirements. Representative requirements include: MAP 4170, 4175; CGS 3406 or equivalent; and four (4) repetitions of actuarial tutorial MAT 4930r. STA 4321 is required for students entering Fall 2006 and later.

The student must also take the following courses in business and economics: ACG 2021; ECO 2013 or 4203, and ECO 2023 or 4101; FIN 3403 and 4504; RMI 3011. These courses satisfy the requirements for a minor in business, and no additional minor is required.

Note: For the most recent information concerning course requirements for this program, please refer to http://www.math.fsu.edu.

Additional requirements include a total of six (6) courses from three course groups. Students must complete:
1. Two (2) courses chosen from MAP 2302, MAT 4931 [Actuarial Models and Credibility], and MAS 3105
2. At least one (1) course chosen from MAA 4224, 4226, 4227, MAD 3703; MAP 4341; MAS 4106; STA 4203, 4322, 4853
3. At least one (1) of the following courses: ECO 4101, 4203, 4401, 4421; FIN 4514; RMI 4115, 4135, 4224, 4292

Minor or Second Major

Information concerning acceptable minors and second majors for students majoring in a department program is available from the department office. The required computer science, physics, and statistics courses are collateral and may be counted toward a minor in the appropriate department.

Prerequisite Courses

Before taking any mathematics course, the student must complete with a grade of “C–” or better each course prerequisite to that course. Moreover, a student who earns a “C–” or better in a course with one or more stated or implied prerequisites may not subsequently earn credit in the prerequisite course(s). For example, a student who has earned a “C–” or better in MAC 2312 may not subsequently enroll in MAC 1105, 1114, 1140, or 2311.

Credit Note 1. In exception to the preceding paragraph, a transfer student may take MAC 1105 for credit even though the student has a “C–” or better in a transfer course that has been equated to a course for which MAC 1105 is prerequisite, provided the student has taken the AMP (Advanced Mathematics Placement) test and has not yet satisfied the Area I liberal studies requirement in mathematics.

Credit Note 2. In cases in which a student has earned a “D+”, “D”, or “D–” in a course and subsequently takes a similar course at the same level, the hours toward graduation for the first course will be disallowed as soon as the student passes the second course. These cases are: MAC 2233 after MAC 2311; MAC 2311 after MAC 2233.

Credit Note 3. Credit cannot be obtained for both MAD 2104 and MGF 3301.

Definition of Prefixes

MAA—Mathematics: Analysis
MAC—Mathematics: Calculus and Precalculus
MAD—Mathematics: Discrete
MAE—Mathematics Education
MAP—Mathematics: Applied
MAS—Mathematics: Algebraic Structures
MAT—Mathematics
MGF—Mathematics: General and Finite
MHF—Mathematics: History and Foundations
MTG—Mathematics: Topology and Geometry
OCP—Physical Oceanography

Undergraduate Courses

MAA 4244. Introduction to Analysis I (3). Prerequisites: MAC 2313; MAS 3105 and prior experience with mathematical proofs from a course like MGF 3301 or MAD 2104 or other proof-based course. A rigorous treatment of elementary calculus. Topics include the completeness of the real numbers, sequences and series, limits and continuity, derivatives, integrals, the Fundamental Theorem of Calculus, and sequences and series of functions.

MAA 4226. Advanced Calculus I, II (3, 3). Prerequisites: MAC 2313; MAS 3105 and prior experience with mathematical proofs from a course like MGF 3301 or MAD 2104 or other proof-based course. Functions, sequences, limits; continuity, uniform continuity; differentiation; integration; convergence; uniform convergence. For strong students with adviser approval only.

MAA 4402. Complex Variables (3). Prerequisite: MAC 2313. Analytic functions, Cauchy-Riemann conditions; complex integration, Cauchy’s theorem and integral formula; power series, analytic continuation, Riemann surfaces; residues and applications; conformal mapping.

MAC 1105. College Algebra (3). Prerequisite: MAT 1033 with a grade of “C–” or better, or a suitable placement score. Recommended background: two years of high school algebra. On basis of test scores the student may be required to take a community college course before MAC 1105. Review of algebraic operations, equations, and inequalities; functions and functional notation; graphs; inverse functions; linear, quadratic, rational function; absolute value; radicals; exponential and logarithmic functions; system of equations and inequalities; applications.
MAC 1141. Analytic Trigonometry (2). Prerequisite: MAC 1105. Trigonometric functions, inverse trigonometric functions and their graphs; identities and conditional equations; solution of triangles; and the rectangular form of complex numbers; DeMoivre’s theorem and nth roots; introduction to plane vectors.

MAC 1140. Precalculus Algebra (3). Prerequisite: MAC 1105 or appropriate score on a mathematics placement examination. May be taken concurrently with MAC 1114. Credit must be reduced by two (2) hours for students who have earned a grade of “C-” or better in MAC 1141. (See Credit Note 2 above.) Functions and graphs, with emphasis on higher degree polynomial, rational, exponential, and logarithmic functions; systems of equations; solution of inequalities; applications of linear and nonlinear models; logarithmic, exponential, and trigonometric functions. Applications, approximation, and methods of proof.

MAC 1141. Precalculus Algebra/Trigonometry (5). Prerequisite: MAC 1105 or appropriate score on a mathematics placement examination. Credit must be reduced by four (4) hours for students who took MAC 1141 and received a grade of “C-” or better. This is a one-semester course encompassing the topics of MAC 1140 (Precalculus Algebra) and MAC 1144 (Analytic Trigonometry). See the topics for MAC 1140 and MAC 1144.

MAC 2233. Calculus with Analytic Geometry II (4). Prerequisites: MAC 2311 or MAC 2483 or appropriate score on a mathematics placement examination. Polynomial, trigonometric, exponential, and logarithmic functions; first and second derivatives and their interpretations; definition and interpretation of the integral; 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: MAC 1147, or MAC 1140 and 1141 and 1144 or appropriate score on a mathematics placement examination. Polynomial, trigonometric, exponential, and logarithmic functions; first and second derivatives and their interpretations; definition and interpretation of the integral; 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 2312. Calculus with Analytic Geometry II (4). Prerequisite: MAC 2311 or MAP 2302 or appropriate score on a mathematics placement examination. Techniques of integration; applications of integration; series and Taylor series; differential equations. This course must be taken for reduced credit by students with prior credit for some of the content.

MAC 2483. Calculus with Analytic Geometry III (5). Prerequisites: MAC 2311; competence in a programming language suitable for numeric computations, such as C, C++, FORTH, and J of the DCC; an understanding of mathematical models, use of elementary and advanced mathematical methods, and case studies.

MAP 4153. Vector Calculus with Introduction to Tensors (3). Prerequisite: MAC 2313. Vector calculus: gradient, divergence, curl; differential operators in orthogonal curvilinear coordinates; line, surface, and volume integrals; Stokes’ and Green’s theorems. Subscript notation, Cartesian tensors; applications.

MAP 4170. Introduction to Actuarial Mathematics (4). Co- or prerequisite: MAC 2312. Amount function, dollar-weighted and time-weighted rates, force of interest; special annuity types, bonds, and other applications. Yield curves, spot rates, forward rates, duration, convexity, and immunization and additional financial concepts.

MAP 4175. Actuarial Models (4). Co- or prerequisite: STA 4321. Single- and multiple-life models; survival, life tables; life insurance and annuity; policy analysis; loss models; deduction of premiums. Probability in insurance and economics, by example.


MAP 4202. Optimization (3). Prerequisites: MAC 2313; MA 3105. Linear programming, unconstrained optimization, searching strategies, equality and inequality constrained problems.

MAP 4216. Calculus of Variations (3). Prerequisites: MAP 2302; MAA 4226. Fundamental problems of the calculus of variations, weak and strong extrema, necessary and sufficient conditions, Hamilton-Jacobi theory, dynamic programming, control theory and Pontryagin maximum principle, linear control theory, dynamic programming, optimization of a functional. May be repeated for credit as MAP 4930.


MAE 3301. Introduction to Modern Algebra (3). Prerequisites: MAC 2312; MA 3105. Groups, permutations and symmetries, rings, integral domains, properties of the integers, congruence, rational numbers, and number systems. May be repeated for credit as MAE 4301.

MAE 4106. Applied Linear Algebra II (3). Prerequisites: MAC 2312; MAA 3105. Positive definite matrices, matrix computation, linear programming and game theory. Applications of linear algebra in industry and computer science. Theory of linear recurrence relations, generating functions, and recurrence theory. Theory of eigenvalues, linear transformations, applications. Applications in computer science, electrical engineering, and computer science.

MAE 4610. Special Topics in Mathematics (1–3). Prerequisite: MAC 3105 and prior experience with mathematical proofs from a course like MGF 3301 or MAP 4342 or another proof-based course. Groups, permutation groups, subgroups, group homomorphisms, structure of groups, rings, ideals, ring homomorphisms, rings of quotients, polynomials, factorization, fields, field extensions. Partial Differential Equations I (3). Prerequisite: MAC 2313 or MAP 4341. Solution of first-order quasilinear partial differential equations, classification and reduction to normal form of second-order linear partial differential equations, Green’s function, infinite domain problems, the wave equation.


MAE 3401. Introductory Numerical Analysis (3). Prerequisites: MAC 2312; competence in a programming language suitable for numeric computations. Polynomial interpolation, data fitting, solutions to nonlinear equations, numerical integration, and differentiation. Not open to mathematics majors or to mathematics education majors.

MAE 3470. Numerical Analysis I (3). Prerequisites: MAC 2312 (Recommended: MAS 3105); competence in a programming language suitable for numeric computations, such as C, C++, FORTRAN, and J of the DCC. Root finding, interpolation and polynomial approximation, numerical differentiation and integration, direct and iterative methods for systems of linear equations.

MAE 4470. Numerical Analysis II (3). Prerequisites: MAE 3470; MAP 2302. Approximation theory, numerical solution of nonlinear systems, boundary value problems and initial value problems for ordinary differential equations.

MAE 5413. Multivariable Systems II (4). Principles and operations related to finite and infinite subsets of the real number line are investigated, compared, and contrasted with an emphasis on understanding. Not open to students majoring in mathematics.

MAE 4815. Elements of Algebra (3). The algebra of sets and the algebra of real numbers are developed. Grouping other than role manipulations are emphasized. Not open to students majoring in mathematics.

MAE 4816. Elements of Geometry (3). A variety of traditional and innovative geometric topics are explored via a hands on approach. Topics include congruence, similarity, Pythagorean triples, and areas of curvilinear figures. Not open to students majoring in mathematics.

MAE 4874. Fundamental Principles of Algebra (2). Prerequisite: A 2000 level course in mathematics or two years experience in teaching secondary school mathematics. Not open to students majoring in mathematics.

MAE 4878. Introduction to Applications of Mathematics for Teachers (2). Prerequisite: A 2000 level course in mathematics or two years experience in teaching high school mathematics. Not open to students majoring in mathematics.

MAP 2302. Ordinary Differential Equations (3). Prerequisite: MAC 2312. Students with a grade of “B-” or less in MAC 2312 should take MAC 2313 before MAP 2302. Not open to students who have credit in MAP 3305. Differential equations of the first order, linear equations of the second, systems of first order equations, series solutions, Laplace transforms, numerical methods.

MAP 2480. Biocalculus Computer Laboratory (1). Corequisite: MAC 2311. A computer laboratory that applies calculus methods to solve problems in biology, medicine, and physiology.


MAP 3306. Engineering Mathematics II (3). Prerequisites: MAC 2313; MAP 2302 or 3305. Not open to students having credit in MAP 4341. Fourier series and Fourier transforms, introduction to partial differential equations.

MAP 4303. Mathematical Modeling III (3). (SU grade only.) Prerequisite: MAP 2313; MAP 2302; MA 3105; PHY 204B. Application of mathematics to real life situations, construction of mathematical models, use of elementary and advanced mathematical methods, and case studies.

MAP 4153. Vector Calculus with Introduction to Tensors (3). Prerequisite: MAC 2313. Vector calculus: gradient, divergence, curl; differential operators in orthogonal curvilinear coordinates; line, surface, and volume integrals; Stokes’ and Green’s theorems. Subscript notation, Cartesian tensors; applications.
MTG 4212. 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 4303. Elementary Topology II (3). Prerequisite: MTG 4302. Function spaces, Hilbert space, quotient spaces, continua, paracompactness and metrizability, nets and filters, the fundamental group.

Graduate Courses

MAA 5306. Advanced Calculus I (3).
MAA 5307. Advanced Calculus II (3).
MAA 5406. Theory of Functions of a Complex Variable I (3).
MAA 5407. Theory of Functions of a Complex Variable II (3).
MAA 5616. Measure and Integration I (3).
MAA 5617. Measure and Integration II (3).
MAA 5721. Computer Analysis (3).
MAA 5932. Topics in Analysis (1–3).
MAD 5305. Graph Theory (3).
MAD 5403. Foundations of Computational Mathematics I (3).
MAD 5404. Foundations of Computational Mathematics II (3).
MAD 5420. Numerical Optimization (3).
MAD 5932R. Topics in Computational Mathematics (1–3).
MAP 5107. Mathematical Modeling (3).
MAP 5165. Methods of Applied Mathematics I (3).
MAP 5207. Optimization (3).
MAP 5217. Calculus of Variations (3).
MAP 5345. Elementary Partial Differential Equations I (3).
MAP 5346. Elementary Partial Differential Equations II (3).
MAP 5395. Finite Element Methods (3).
MAP 5423. Complex Variables, Asymptotic Expansions, and Integral Transforms (3).
MAP 5431. Introduction to Fluid Dynamics (3).
MAP 5441. Perturbation Theory (3).
MAP 5485. Introduction to Mathematical Biophysics (3).
MAP 5486. Computational Methods in Biology (3).
MAP 5513. Wave Propagation Theory (3).
MAP 5601. Introduction to Financial Mathematics (3).
MAP 5611. Introduction to Computational Finance (3).
MAP 5932R. Topics in Applied Mathematics (1–3).
MAS 5307. Groups, Rings, and Vector Spaces I (3).
MAS 5308. Groups, Rings, and Vector Spaces II (3).
MAS 5311. Abstract Algebra I (3).
MAS 5312. Abstract Algebra II (3).
MAS 5331R. Algebraic Structures I (3).
MAS 5332R. Algebraic Structures II (3).
MAS 5731. Computer Algebra (3).
MAS 5932R. Topics in Algebra (1–3).
MAT 5907R. Directed Individual Study (1–4). (S/U grade only.)
MAT 5911R. Supervised Research (1–5). (S/U grade only.)
MAT 5920R. Colloquium (0). (S/U grade only.)
MAT 5921R. Graduate Mathematics Colloquium (1). (S/U grade only.)
MAT 5932R. Selected Advanced Topics I (1–3).
MAT 5933R. Special Topics in Mathematics (1–3). (S/U grade only.)
MAT 5939R. Graduate Seminar (1).
MAT 5941. Internship in College Teaching (1–3). (S/U grade only.)
MAT 5945R. Graduate Professional Internship (1–3). (S/U grade only.)
MAT 5946R. Supervised Teaching (1–5). (S/U grade only.)
MTH 5206. Foundations of Mathematics (3).
MTH 5306. Mathematical Logic I (3).
MTG 5326. Topology I (3).
MTG 5327. Topology II (3).
MTG 5346. Algebraic Topology I (3).
MTG 5347. Algebraic Topology II (3).
MTG 5376R. Topological Structures I (3).
MTG 5932R. Topics in Geometry (1–3).
OCP 5256. Fluid Dynamics: Geophysical Applications (3).
MAA 6416R. Advanced Topics in Analysis (3).
MAA 6939R. Advanced Seminar in Analysis (1). (S/U grade only.)
MAD 6408R. Advanced Topics in Numerical Analysis (3).
MAD 6939R. Advanced Seminar in Scientific Computing (1). (S/U grade only.)
MAP 6434R. Advanced Topics in Hydrodynamics (3).
MAP 6437R. Advanced Topics in Applied Mathematics (3).
MAP 6621. Financial Engineering I (3).
MAP 6939R. Advanced Seminar in Applied Mathematics (1). (S/U grade only.)
MAS 6396R. Advanced Topics in Algebra I (3).
MAS 6939R. Advanced Seminar in Algebra (1). (S/U grade only.)
MAT 6908R. Directed Individual Study (1–4). (S/U grade only.)
MAT 6932R. Advanced Topics in Mathematics (1–3).
MAT 6933R. Selected Advanced Topics I (1–3). (S/U grade only.)
MAT 6939R. Advanced Graduate Seminar (1). (S/U grade only.)
MTG 6396R. Advanced Topics in Topology (3).
MTG 6939R. Advanced Seminar in Topology (1). (S/U grade only.)

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

MATHEMATICS EDUCATION: see Middle and Secondary Education

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Department of MECHANICAL ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Chair: Chiang Shih; Associate Chair: Cesar Luongo; Professors: Alvi, Chandra, Chen, Collins, Gielisse, Kalu, Krothapalli, Larbalestier, Lourenco, Luongo, Schwartz, Shih, Van Dommelen, Van Sciver; Associate Professors: Cartes, El-Azab, Hollis, Hruda; Assistant Professors: Moore, Oates, Ordoñez, Wu; Affiliated Faculty: Garmestani, Greska, Gunsburger, Han, Hussaini, Tam; Adjunct Faculty: Bickley, Booshaghi, Moore, Seely; Professor Emeritus: Buzyna

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 government laboratories.

The undergraduate program is designed to impart a broad knowledge in basic and engineering sciences and to provide a solid understanding of contemporary engineering practices. The program also seeks to provide students with a foundation in communications skills, principles of economics, and other fundamentals upon which they will draw in their professional careers. Special emphasis is placed on communications skills by requiring extensive written laboratory reports and design project presentations. Computer literacy is bolstered by a variety of course assignments throughout the program and especially in the design courses, wherein students are exposed to a number of design software programs widely used in the engineering industry.

Beyond the basic core curriculum, the Mechanical Engineering courses are grouped into five major area streams: thermal and fluid systems, mechanical systems, mechanics and materials, dynamic systems, and engineering design. The courses in each of these areas give students a foundation in the relevant engineering sciences with a strong orientation in design and extensive laboratory experience. The design curriculum culminates with a one-year (two-semester) capstone design course in which the students design and implement a full system or product, usually under industrial sponsorship.
Several undergraduate teaching laboratories provide extensive experimental apparatus for laboratory courses. The fluid mechanics laboratory, heat transfer laboratory, solid mechanics laboratory, dynamic systems laboratory, and controls and robotics laboratory are all well equipped with the latest tools and equipment for experimentation, data acquisition, post processing, and analysis. The College of Engineering provides several computer labs running a variety of standard design and analysis software packages, including Algor FEA modules, PTC’s Pro/Engineer and Pro/Mechanica, MSC.Software’s ADAMS, and Mathworks MATLAB.

Program Educational Objectives
Consistent with the missions of 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 multi-cultural 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:

- An ability to apply knowledge of mathematics, calculus-based science, and engineering to mechanical engineering problems
- An ability to design and conduct experiments, as well as to analyze and interpret data
- An ability to design thermal and mechanical systems, components, or processes to meet desired needs
- An ability to function on multi-disciplinary teams
- An ability to identify, formulate, and solve engineering problems
- An understanding of professional and ethical responsibility
- An ability to communicate effectively with written, oral, and visual means
- The broad education necessary to understand the impact of engineering solutions in a global and societal context, and a knowledge of contemporary issues
- A recognition of the need for and an ability to engage in life-long learning
- An ability to use modern engineering techniques, skills, and computing tools necessary for engineering practice
- Familiarity with statistics and linear algebra

Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in mechanical engineering satisfy this requirement by earning a grade of “C–” or higher in EML 3002C.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. ENC X101
2. ENC X102
3. MAC X311*
4. MAC X312*
5. MAC X313*
6. MAP X302
7. CHM X045/X045L*
8. PHY X048/X048L
9. PHY X049/X049L
10. Six (6) semester hours in the humanities
11. Six (6) semester hours in social science
12. Three (3) additional semester hours in humanities or social science

Note: Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Core Program
A candidate for the bachelor of science (BS) degree in mechanical engineering is required to successfully complete the following engineering core courses (in addition to the mechanical engineering curriculum):

- 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 advisers or from the student affairs coordinator.

Mechanical Engineering Curriculum
Key features of the curriculum in mechanical engineering include the integration of relevant topical material, integration of engineering design with engineering science, the introduction to engineering design at an early stage in the curriculum, and the use of cooperative learning methodologies. The curriculum is in keeping with current trends in engineering education, industry expectations and needs, and ABET 2000 accreditation guidelines.

The following core courses comprise the mechanical engineering curriculum:

- EML 3002C Mechanical Engineering Tools (4)
- EML 3004C Introduction to Mechanical Engineering (4)
- EML 3011C Mechanics and Materials I (4)
- EML 3012C Mechanics and Materials II (3)
- EML 3013C Dynamic Systems I (4)
- EML 3014C Dynamic Systems II (4)
- EML 3015C Thermal-Fluids I (4)
- EML 3016C Thermal-Fluids II (4)
- EML 3017C Mechanical Systems I (4)
- EML 3018C Mechanical Systems II (4)
- EML 3234 Materials Science and Engineering (3)
- EML 4304L Thermal-Fluids Lab (3)
- EML 4550 Engineering Design Methods (3)
Prerequisites: CHM 1045; MAC 2312; PHY 2048. This course is the first part 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 interactions is examined in the context of real-world systems. Materials covered include first and second laws of thermodynamics; power and refrigeration cycles; heat transfer modes; cycle detailed analysis; and numerical solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

EML 4301C. Dynamic Systems I (4). Prerequisite: EML 3013C. Corequisite: MAP 3306. This course is the second part of an integrated sequence in dynamics, vibrations, and controls. Material in this first course includes the following: absolute and relative motion of discrete systems; kinematics and rigid bodies in motion; application of vector analysis and computer solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

EML 4301D. Dynamic Systems II (4). Prerequisite: EML 3013C. Corequisite: MAP 3306. This course is the second part of an integrated sequence in dynamics, vibrations, and controls. Material in this second course includes the development of the equations of motion for translational and rotational mechanical systems, electrical systems, and electromechanical systems; system response using standard differential equation solution techniques and Laplace transforms; frequency response and impedances; linearization of nonlinear systems models; and block diagrams and feedback control strategies.

EML 4312C. Thermal-Fluids (4). Prerequisites: EML 3013C; 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 interactions is examined in the context of real-world systems. Materials covered include first and second laws of thermodynamics; power and refrigeration cycles; heat transfer modes; cycle detailed analysis; and numerical solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

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 interactions is examined in the context of real-world systems. Materials covered include first and second laws of thermodynamics; power and refrigeration cycles; heat transfer modes; cycle detailed analysis; and numerical solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

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 professional practice in industry. Students begin taking core graduate courses in their fourth year. Successful completion of the fourth year of the five-year curriculum will give the student enough credit and breadth of subject matter to satisfy university requirements for the BS degree, should individual circumstances arise that preclude a student from taking the fifth year. This program also includes a summer internship in industry between the fourth and fifth years.

Admission to the dual degree program is open to juniors who have attained a GPA of 3.2 in the mechanical engineering curriculum and whose applications are reviewed by a faculty committee. Applicants are normally invited in the spring, during the second semester of the students’ junior year, for fall entry. Details on the curriculum may be obtained from the Mechanical Engineering Department Office.

Definition of Prefixes

EAS—Aerospace Engineering
EGN—Engineering Science
EGN—Engineering: General
EMA—Materials Engineering
EML—Engineering: Mechanical

Undergraduate Courses

EAS 4101. Principles of Aerodynamics (3). Prerequisite: EML 3016C. Asphaltic vehicle flight; the reasons for design of airplanes; fundamentals of aircrafts; two-dimensional subsonic thin air; airfoil selection of pressure, lift, and other properties of airfoils. EGN 3512. Engineering Mechanics (4). Prerequisites: MAC 2312; PHY 2048. Corequisite: MAC 2313. Topics in this course include statics and dynamics of particles and rigid bodies using vector analysis, free body diagrams, equilibrium of particles and rigid bodies, particle and general rigid body motion, work/energy, and impulse and momentum methods.

EML 4225. Mechanical Metallurgy (3). Prerequisite: EML 3012C. Tensile instability, crystallinity, X-ray diffraction, thin films; hardening mechanisms, creep and fracture, electron microscopy, composite materials.

EML 4301C. Mechanics and Materials I (4). Prerequisites: CHM 1045, 1045L; EML 3002C, 3004C; MAC 2313; PHY 2048C. This course is the first part of a two-part sequence integrating mechanics and principles of materials. It will provide the student with a broad based introduction to and understanding of the application of materials in structural design, the processing of mechanical components, and the manufacture of high technology products.

EML 4301D. Mechanics and Materials II (3). Prerequisite: EML 3011C; PHY 2049C. Corequisite: EML 3234. This course is the second part of a two-part sequence integrating mechanics and principles of materials science. Emphasis is on measurement techniques and materials science in solid state nanoscale and materials science. Contents include tensile-stress, impact, torsion, fatigue and combined loading; beams in bending; structures of steel; and other concepts learned in mechanics of materials and materials science. This course also includes an understanding of some fundamental insights into the role of materials science in the design of modern products.

EML 4313C. Dynamic Systems I (4). Prerequisites: EML 3002C, 3004C. Corequisite: MAP 3305. This course is the first part of an integrated sequence in dynamics, vibrations, and controls. Material in this first course includes the following: absolute and relative motion of discrete systems; kinematics and rigid bodies in motion; application of vector analysis and computer solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

EML 4314D. Dynamic Systems II (4). Prerequisite: EML 3013C. Corequisite: MAP 3306. This course is the second part of an integrated sequence in dynamics, vibrations, and controls. Material in this second course includes the development of the equations of motion for translational and rotational mechanical systems, electrical systems, and electromechanical systems; system response using standard differential equation solution techniques and Laplace transforms; frequency response and impedances; linearization of nonlinear systems models; and block diagrams and feedback control strategies.

EML 4312C. Thermal-Fluids (4). Prerequisites: EML 3013C; 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 interactions is examined in the context of real-world systems. Materials covered include first and second laws of thermodynamics; power and refrigeration cycles; heat transfer modes; cycle detailed analysis; and numerical solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

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 interactions is examined in the context of real-world systems. Materials covered include first and second laws of thermodynamics; power and refrigeration cycles; heat transfer modes; cycle detailed analysis; and numerical solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

EML 4313C. Dynamic Systems I (4). Prerequisites: EML 3002C, 3004C; MAP 3305. Corequisites: EML 3011C, 3013C. This course is the first course in a sequence of two courses intended to provide the essential tools for the development of analysis of mechanical systems. Emphasis is on linkages, constraints and degrees of freedom; position, velocity, and acceleration analysis; cars, gears, and gear trains, static and dynamic analysis; computer simulations and models of components and systems; team class projects involving dissection of existing machines and design and manufacture of new mechanical systems.

EML 4314D. Dynamic Systems II (4). Prerequisites: EML 3012C, 3013C. This is the second course in a sequence of two courses intended to provide the essential tools for the design and analysis of mechanical systems. Emphasis is on motors and components; stress analysis; shaft design; bearings and lubrication; fasteners and connectors; joints; clutches, brakes, couplings, and flywheels; flexible elements; shafts; computer simulations and models of components and systems; team class projects involving dissection of existing machines and design and manufacture of new mechanical systems.

EML 5050. Analytical Tools in Mechanical Engineering (3). Prerequisites: EML 3002C, 3004C; MAP 3305. Corequisites: EML 3011C, 3013C. This course explores mathematical and numerical tools relevant to practical applications in mechanical engineering, as well as modeling of real physical systems using mathematical formulation. Subjects include Fourier Series and Integrals; Fourier Transform and energy spectrum; solution of partial differential equations using separation of variables, finite difference methods, and finite element methods; and numerical interpolation and integration.


EML 4324. Materials Science and Engineering (3). Prerequisite: CHM 1045. Includes concepts of materials science and their relevance to engineering design. Recent advances in engineering materials science.

EML 3490. Cooperative Work Experience (0). (S/U grade only.)

EML 4616. Cryogenics (3). Prerequisites: EML 3012C, 3016C. Fundamental aspects of cryogenic system engineering; properties of materials and fluids at low temperatures; cryogenic heat transfer and fluid dynamics; low temperature refrigeration and system design.

EML 4304L. Thermal-Fluids Laboratory (3). Prerequisites: EML 3012C, 3013C. Corequisite: EML 3016C. Engineering laboratory measurements in fluid and thermal applications, including steady and time-dependent conduction, convection, and radiation; fluid statics; mass and energy conservation; Bernoulli’s equation; internal and external flows. EML 4312C. Design and Analysis of Control Systems (3). Prerequisite: EML 3011C. Corequisite: EML 3014C. Design and Analysis of Control Systems (3). Prerequisite: EML 3014C. Corequisite: EML 3016C. Mathematical modeling of continuous physical systems. Frequency and time domain analysis and design of control systems. State variable representations of physical systems. Frequency and time domain analysis, and second laws of thermodynamics; power and refrigeration cycles; heat transfer modes; cycle detailed analysis; and numerical solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

EML 4450. Energy Conversion Systems (3). Prerequisite: EML 3016C. Investigation of such energy conversion systems as the internal combustion engine, compressors and turbines, gas turbines, nuclear power plants, garbage burning power plants, solar, wind, geothermal and electrical systems.
EML 4512. Thermal-Fluid Design (3). Prerequisite: EML 3016C. This course is intended to develop the student’s awareness and understanding of the relationship between fluid mechanics, thermodynamics, and heat transfer in consideration of design. Energy systems components such as heat-exchangers, pipelines, and pumps. Includes a student project.

EML 4535C. Computer Aided Design (CAD) (3). Prerequisite: EML 3018C. Introduction to the theory and practice of computer-aided design: computer graphics, homogenous transformations; parametric solid modeling, optimization, finite element analysis.

EML 4536. Design Using FEM (3). Prerequisite: EML 3018C. The Finite Method - what it is; elementary FEM theory; structures and elements; trusses, beams, and frames; two-dimensional solids; three-dimensional solids; axisymmetric solids; thin-walled structures; static and dynamic problems; available hardware and software; basic steps in FEM analysis; pre/post processing; interpretation of results; advanced modeling techniques; design optimization; advanced materials using FEM.

EML 4542. Materials Selection in Design (3). Prerequisite: EML 3012C; senior standing in mechanical engineering. The selection and application of materials predicated on material science and engineering case studies covering most engineering applications.

EML 4550. Engineering Design Methods (3). Prerequisites: EML 3012C, 3014C, 3016C, 3018C. Corequisite: EML 4551C. This is a formal lecture component of the mechanical engineering ‘capstone’ senior design course project. The course covers the product design cycle from problem identification and need assessment, to specification, concept generation and selection, preliminary design, materials selection, and final design. The design process is placed in context by presenting topics such as legal and ethical issues, product reliability and liability considerations, engineering economics, and optimal design.

EML 4551C. Senior Design Project I (3). Prerequisites: EML 3012C, 3014C, 3016C, 3018C. Corequisite: EML 4550. The first in a two-part course sequence presenting an integrated system design approach for engineering product realization. Course blends the perspectives of market research and planning, design cycle, project management and teamwork, and technical reporting. This is the ‘capstone’ course for mechanical engineering students. This course offers weekly sessions in which teams are coached during the different phases of the project. Emphasis is placed upon plus frequent and extensive design reviews. This course is structured to closely resemble ‘on the job’ engineering education.

EML 4552C. Senior Design Project II (3). Prerequisites: EML 4550, 4551C. The second part of the engineering design systems course. The material covered is a continuation of topics in the first part and the completion of a student-designed product.

EML 4711. Introduction to Gas Dynamics (3). Prerequisite: EML 3016C. This course is a thorough one-dimensional treatment of compressible flows and applications to nozzle, 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 servomechanisms; sensors, vision, and voice; microprocessor system design and computers; kinematic equations; motion trajectories.

EML 4905r. Directed Individual Study (1–3). Prerequisite: Approval of instructor. Study on a selected topic as designated by student or directing professor. May be repeated to a maximum of thirty (30) semester hours.

EML 4909r. Advanced Topics in Fluid Dynamics (3–6). Prerequisite: Consent of instructor. Study on a selected topic as designated by student or directing professor. May be repeated to a maximum of fifteen (15) semester hours.

EML 4910r. Advanced Topics in Mechanical Engineering (1–6). Prerequisite: Consent of instructor. Study on a selected topic as designated by student or directing professor. May be repeated to a maximum of twelve (12) semester hours.

EML 5543. Materials Selection in Design (3).


Graduate Courses

EGM 5444. Advanced Dynamics (3).

EGM 5511. Introduction to Continuum Mechanics (3).

EGM 5565. Theory of Elasticity (3).

EGM 5810. Viscous Fluid Flows (3).

EGM 6845. Turbulent Flows (3).

EGN 5456. Introduction to Computational Mechanics (3).

EMA 2224. Mechanical Metallurgy (3).

EMA 5514. Optical and Electron Microscopy (3).

EMM 5060. Analysis in Mechanical Engineering (3).

EMM 5072. Applied Superconductivity (3).


EMM 5155. Convective Heat and Mass Transfer (3).

EMM 5162. Cryogenics (3).

EMM 5311. Design and Analysis of Control Systems (3).


EMM 5361. Multivariable Control (3).


EMM 5524. Experimentation in Mechanical Engineering (3).

EMM 5557. Design Using FEM (3).

EMM 5543. Materials Selection in Design (3).

EMM 5709. Fluid Mechanic Principles with Selected Applications (3).

EMM 5710. Introduction to Gas Dynamics (3).

EMM 5725. Introduction to Computational Fluid Dynamics (3).

EMM 5802. Introduction to Robotics (3).

EMM 5905r. Directed Individual Study (1–6). (S/U grade only.)

EMM 5910r. Supervised Research (1–5). (S/U grade only.)

EML 5930r. Special Topics in Mechanical Engineering (1–6).

EML 5935r. Mechanical Engineering Seminars (0). (S/U grade only.)

EML 5946. Professional Internship Experience in Mechanical Engineering (4).

EML 6365. Robust Control (3).

EML 6716r. Advanced Topics in Fluid Dynamics (3–6).

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

MEDICINE

COLLEGE OF MEDICINE

Department of Biomedical Sciences: Chair: David Balkwill; Professors: Balkwill, Blaber, Galasko, M. Hurt, Keel, Klatt, Levitt, McGee, Meredith, Ouimet, Overton, Patrick, Payer, Rill; Associate Professors: Horabin, Olcense, Yu; Assistant Professors: Gunjan, Kabbaj, Kato, Lee, Stefanovic, Wang; Assistant Scholar Scientists: Bienkindzicz; Assistants in Medicine: Cappendijk, Didder, Paik; Department of Clinical Sciences: Chair: Eugene Ryerson; Professors: Berg, Bertole, Bland, Bradley, Harris, Hartsfield, Muszynski, Ryerson, Trowers; Associate Professor: Shepherd; Assistant Professor: Danforth; Department of Family Medicine and Rural Health: Chair: Daniel Van Durme; Professors: Beitsch, Brooks, Dunn, Littles, McLeod, Steele, Stine, Van Durme; Associate Professors: Baker, Campbell, Menachemi; Assistant Professors: Chukmaiton, Goodwin, Harrison, Quintero, Rodriguez; Associates in Medicine: Clark, Clawson; Department of Geriatrics: Chair, Kenneth Brummel-Smith; Professors: Brummel-Smith, Granville, Lloyd; Associate Professor: Pomidor; Assistant Professor: Kobylarz; Department of Medical Humanities and Social Sciences: Chair: Suzanne Johnson; Professors: Eveland, Glueckauf, Johnson; Associate Professor: Spike; Assistant Professors: Dutton, Gerend, Reyes; Assistant Scholar Scientists: Baughcum

The Florida State University College of Medicine, in partnership with local communities, provides a four-year program of study leading to the Doctor of Medicine (MD) degree. The college is fully accredited by 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 elder, 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

Undergraduate Courses

BMS 4001r. Directed Individual Study (1–3). (S/U grade only.) Prerequisite: Consent of instructor. Study on a selected topic as designated by student or directing professor. May be repeated to a maximum of nine (9) semester hours.

BMS 4004r. Directed Individual Study in Health Sciences (1–3). (S/U grade only.) This is a course for undergraduate students who desire an individualized research experience in biomedical sciences, medical humanities and social science, public health, or other related fields represented in the College of Medicine. Students receive laboratory or other training in research methods and improve their readiness for and appreciation of research in health-related science. May be repeated to a maximum of fifteen (15) semester hours.

Doctor of Medicine (MD) Courses

First Year Courses

BMS 6015. Doctoring 101 (3).

BMS 6016. Doctoring 102 (5).
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 Florida State University is considered to be one of the top five comprehensive meteorology programs in the nation.

Members of the Department of Meteorology enjoy the benefits of advanced scientific equipment and a cooperative research environment with the Departments of Mathematics and Oceanography, the Geophysical Fluid Dynamics Institute (GFDI), and the School of Computational Science (SCS). Scientific computations are handled on equipment ranging from PCs and Macintosh computers to networks of scientific workstations and supercomputers.

The department maintains a full suite of weather applications software (including those supported by the Unidata program) and receives real-time National Weather Service data feeds. We also manage our own weather satellite receiving stations for instructional and research use. A public area for current weather discussions and classes features multiple computer displays. Two departmental computing laboratories are well-populated with networked workstations. The Florida Climate Center and Office of the State Climatologist are housed in the department and are equipped with archives of Florida weather and climate records, including computerized CD-ROM databases. An instrumentation facility is also housed in the department, including data loggers and a variety of modern and historical instruments, and a rooftop meteorological tower for real-time local observations.

The department has a complete television studio equipped with state-of-the-art broadcasting technology, where students prepare weathercasts for class (MET 3940) and for regular broadcasts on Florida State University’s cable television channel, which is seen in Leon and Wakulla counties. Students often use this experience to develop internships with television stations and to get jobs. Other internship opportunities through private companies or state, local, or federal agencies also are possible. In particular, partnerships and internships with the headquarters of state government agencies located in Tallahassee continue to offer new opportunities for our students.

The EXPLORER educational outreach program and the Center for Ocean-Atmosphere Prediction Studies (COAPS) formed within the department in the 1990s. These programs focus on faculty interactions with science teachers, operational meteorologists, and other researchers in exciting new fields of research. A new building that houses the National Weather Service in Tallahassee was completed in 2002 as an addition to the Meteorology/Mathematics building, which has further strengthened the department’s ties to the weather forecast community.

National and international honors have been bestowed upon departmental faculty members. Six members of the meteorology faculty are Fellows of the American Meteorological Society (AMS). Dr. O’Brien has received the AMS Sverdrup Gold Medal, and Dr. T. Krishnamurti, who has received the AMS Second Half Century Award and the Rossby Research Medal, as well as the World Meteorological Organization’s IMO Prize.

For additional information, see the department’s Web site at http://www.met.fsu.edu/.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in meteorology satisfy this requirement by earning a grade of “C-” or higher in MET 3220C.

**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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.
The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. MAC X311
2. MAC X312
3. PHY X048/X048L or PHY X048C
4. PHY X049/X049L or PHY X049C

Requirements for a Major in Meteorology

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. A detailed handout for meteorology majors entitled Undergraduate Program in Meteorology is available in the departmental office.

Meteorology is a quantitative science requiring extensive preparation in mathematics and physics. Freshmen entering the program are urged to take the advanced placement (AP), the College-Level Exemption Program (CLEP), or other examination exams in order to realize maximum flexibility.

The Department of Meteorology offers a degree program that prepares students for a diverse number of careers, as well as graduate school. It is highly recommended that students meet regularly with their assigned academic adviser to tailor electives to the students’ goals.

Meteorology majors are advised to complete a graduation check with the academic coordinator at least one semester prior to graduation. Graduating students also must complete a written exit survey in their final semester, and if possible, an exit interview with the departmental representative. This interview will discuss information provided from the written exit survey. The College of Arts and Sciences will not approve graduation without receiving the written exit survey.

Course Work and Requirements

Required meteorology course work. MET 2101, 2502C, 2700, 3220C, 3300, 4301, 4302, 4420, 4500C, and 4501C.

Required courses in mathematics begin with MAC 2311, which may not be taken without its prerequisite courses, MAC 1141 and MAC 1140 or 1147. The following courses, required of all meteorology majors, constitute a minor in mathematics: MAC 2311, 2312, 2313; MAP 2302 or 3305. MAP 3306 or 4341 is strongly recommended for those students wishing to attend graduate school, as is MET 4450.

All students also must complete CHM 1045 and 1045L, PHY 2048C, and PHY 2049C. Students who wish to take MET 4450 should also take PHY 3101; this provides such students with a second minor in physics. Computer science also has arranged for a special minor for meteorology majors (see department for details). Students wishing to pursue a career as a meteorologist with the federal government must take MET 4400C and/or 4450.

The bachelor of arts (BA) degree may be obtained by completing the bachelor of science (BS) degree requirements plus additional courses required by the University.

Academic Performance

All 2000- and 3000-level meteorology courses must be completed with a grade of “C” (2.0) or better to continue to the 4000-level courses. A student who has received more than five unsatisfactory grades (U, F, D-, D, D+) in courses required for a major in meteorology (chemistry, mathematics, meteorology, or physics) at 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 2.0 is required for all meteorology courses numbered 2000 or higher. No more than a total of three (3) S/U-grade only MET prefix courses may be used for the total semester hour requirement for a degree in meteorology.

Honors in the Major

The Department of Meteorology offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Meteorology

Requirements for a minor in meteorology must be discussed on an individual basis with a meteorology faculty adviser or academic coordinator. Options are available and must be matched to a student’s academic background, and generally require meteorology and mathematics coursework. Additional information is available from the academic coordinator in the Department of Meteorology, 404 Love Building. In no case may more than three (3) semester hours in S/U courses apply toward a minor in meteorology.

Class Attendance

A first-day attendance policy will be enforced. Anyone not attending class the first day will be dropped by the department.

Definition of Prefixes

ESC—Earth Science
ISC—Interdisciplinary Sciences
MAP—Mathematics Applied
MET—Meteorology
OCP—Physical Oceanography
SCE—Science Education

Undergraduate Courses

ESC 2200C—Earth Science for EC/EE Teachers (4).
ESC 4939r—Seminar in Contemporary Science, Mathematics, and Science Education (1).
ISC 3076—Science, Technology, and Society (3).

Note: For descriptions of the courses listed above, see interdisciplinary science courses listed in the appropriate departmental chapters of this General Bulletin.

MET 1010—Introduction to the Atmosphere (3). Structure of the atmosphere; weather processes and weather systems, including climate 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). Prerequisites: MAC 1105 or equivalent; college-level algebra. Corequisite: MET 1010. Two (2) hours per week. Data analysis, instruments, and weather system models.

SCE 4835r—Teaching Earth and Space Science (3). This course examines the pedagogical content knowledge needed to teach earth/space science.

Required Courses for Majors


MET 2502C—Weather Analysis and Forecasting (2). Prerequisite: MET 2700. This course is an introduction to meteorological observations, data, codes, and scalar analysis practices. Weather applications software systems and computing environments for meteorological 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 2702C—Meteorological Computations (3). Prerequisites: MAC 2312; MET 2101, 2700. Solution of meteorological problems using computer and statistical programs; distributions of meteorological variables; meteorological programming.

MET 3301—Introduction to Atmospheric Dynamics (3). Prerequisites: MAC 2312 ("C" or better); MET 2700 ("C" or better). This course will examine a variety of topics, including equations of motion, mass conservation, thermodynamics, vorticity, and geostrophic, gradient, and thermal winds.

MET 4301—Atmospheric Dynamics I (4). Prerequisites: MET 3300 ("C" or better); MAP 2302 or 3305. Corequisite: MAC 4420. Acceleration in rotating curvilinear coordinates; momentum, continuity, and energy equations; geostrophic, gradient, and thermal winds; general geostrophic and barotropic instability; energetics. An introduction to theory of partial differential equations applied to meteorological problems is also presented.

MET 4420—Atmospheric Physics I (3). Prerequisites: PHY 2048C, 2049C; MET 2700 ("C" or better); MAC 2313. Classical equilibrium thermodynamics; first and second law, entropy, phase changes, potentials. Physics of moist air; physics of aerosols; condensation of water vapor on aerosols.

MET 4500C—Synoptic Lecture-Laboratory I: Basic Analysis Techniques (3). Prerequisites: MET 2502C ("C" or better), 3300; or consent of instructor. Corequisites: MET 4301 or 5311; MET 4420; CS 3460 or other programming language. Analysis of scalar and vector fields, introduction to the three-dimensional structure of atmospheric systems, and thermodynamic calculations and four-dimensional analysis of weather systems.
Elective Courses for Majors

MET 320r: 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 3949r: Cooperative Education Work Experience (0). (S/U grade only.)

MET 4159r: 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 4705: Operational Meteorology (2). Prerequisite: MET 4500C. This course introduces observational analysis products used in operational weather forecast offices. Topics include applications of radar and satellite data, the various applications of numerical weather prediction, and types of weather forecasts.

MET 4900r: Honors Work (1–6). 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 (1–9). (S/U grade only.) Prerequisite: Instructor’s approval. May be repeated to a maximum of nine (9) semester hours. Supervised internship individually assigned to accommodate student’s 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 5256: Fluid Dynamics: Geophysical Applications (3).

Physical Meteorology

MET 5403C: Meteorological Instruments and Observations (3).

MET 5407: Fundamentals of Atmospheric Data Assimilation (3).

MET 5411: Radar Meteorology (3).

MET 5421: Radiative Transfer (3).

MET 5425: Advanced Atmospheric Physics I (3).

MET 5451: Advanced Physical Meteorology II (3).

MET 5455: Cloud Physics (3).

MET 5471: Planetary Atmospheres (3).

MET 6480r: Advanced Topics in Physical Meteorology (3).

Synoptic Meteorology

MET 5505C: Advanced Synoptic Lecture Laboratory I (3).

MET 5506C: Advanced Synoptic Lecture Laboratory II (4).

MET 5510C: Midlatitude Synoptic Scale Systems (4).

MET 5511C: Meso-Meteorology Lecture Laboratory (4).

MET 5533: Tropical Meteorology I (3).

MET 5534: Tropical Meteorology II (3).

MET 6561r: Advanced Topics in Synoptic Meteorology (3).

Climatology

MET 5105: Global Climate System (3).

MET 5135: Dynamic Climatology (3).

MET 6155r: Advanced Topics in Climatology (1–3).

Other Courses

MET 5090r: Applied Time Series Analysis (3).

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

MET 5906r: Directed Individual Study (1–3). (S/U grade only.)

MET 5910r: Supervised Research (1–5). (S/U grade only.)

MET 5920r: Colloquium: Topics in Meteorology Research (1). (S/U grade only.)

MET 5930: Master’s Seminar (2).

MET 5979r: Supervised Teaching (1–5). (S/U grade only.)

MET 6906r: Directed Individual Study (1–3). (S/U grade only.)

MET 6930r: Supervised Teaching (1–5). (S/U grade only.)

OCP 5271: Turbulence (3).

OCP 5551: Physics of the Air-Sea Boundary Layer (3).

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

MICROBIOLOGY: see Biological Science

Department of MIDDLE AND SECONDARY EDUCATION

COLLEGE OF EDUCATION

Chair: Pamela S. Carroll

The Department of Middle and Secondary Education consists of six program areas: English education, health education, mathematics education, multilingual/multicultural education (which includes foreign language 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 middle and high schools in Florida and for national certification. Please refer to the ‘Teacher Preparation General Education Requirements’ section of the ‘College of Education’ chapter in this General Bulletin for additional details.

The following majors and certificates are offered by the Department of Middle and Secondary Education:

Community Health Education

English Education (middle and secondary English)

Health Education (school health and community health)

Mathematics Education (middle and secondary mathematics)

Middle Grade Mathematics Education

Multilingual/Multicultural Education/Foreign Language Education Program (French, German, Latin, and Spanish)

Science Education (biology, chemistry, earth-space science, middle grades science, and physics)

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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in all middle and secondary education areas satisfy this requirement by earning a grade of “C-” or higher in EME 2040.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for the following University degree programs. Specific prerequisites
are required for admission into the upper-division programs and must be completed by the student at either a community college or a state university prior to being admitted to these programs. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the program.

The following lists the common prerequisites or their substitutions necessary for admission into these upper-division degree programs:

### English Teacher Education
1. EDF X005
2. EDG X701
3. EME X040
4. 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

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog in the Community College Counseling Manual.

**Note:** Courses specified in category 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Foreign Languages Teacher Education
1. EDF X005
2. EDG X701
3. EME X040
4. Plus the following general program prerequisites:

   Twelve (12) semester hours of course work in various areas, which may apply to liberal studies area requirements

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog in the Community College Counseling Manual.

**Note:** Courses specified in category 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Health Teacher Education
1. EDF X005
2. EDG X701
3. EME X040
4. 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

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog in the Community College Counseling Manual.

**Note:** Courses specified in category 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Biology Teacher Education
1. EDF X005
2. EDG X701
3. EME X040
4. 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 the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog in the Community College Counseling Manual.

**Note:** Courses specified in category 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Chemistry Teacher Education
1. EDF X005
2. EDG X701
3. EME X040
4. Plus the following general program prerequisites:
   a. Eight (8) semester hours of chemistry with lab
   b. Eight (8) semester hours of biology with lab or physics with lab
   c. Six (6) semester hours of electives in science

Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student currently is earning the AA or baccalaureate degree and will be published in the institution’s catalog in the Community College Counseling Manual.

**Note:** Courses specified in category 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

### Earth/Space Teacher Education
1. EDF X005
2. EDG X701
3. EME X040
4. 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 the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible
courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student 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 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

**Physics Teacher Education**

1. EDF X005
2. EDG X701
3. EME X040
4. Plus the following general program prerequisites:
   a. Eight (8) semester hours of physics with lab
   b. Eight (8) semester hours of biology with lab or chemistry with lab
   c. Six (6) semester hours of electives in science

Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student 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 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

**Middle Grades Science Teacher Education**

1. EDF X005
2. EDG X701
3. EME X040
4. 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 the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student 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 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

**Secondary Mathematics Education**

1. EDF X005
2. EDG X701
3. EME X040
4. Plus the following general program prerequisites:
   a. Four (4) semester hours of calculus and analytic geometry I
   b. Four (4) semester hours of calculus and analytic geometry II
   c. Four (4) semester hours of electives in mathematics
   d. Three (3) semester hours of computer programming language (applicable to microcomputer)

Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student 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 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

**Middle School Mathematics Education**

1. EDF X005
2. EDG X701
3. EME X040
4. 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

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student 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 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

**Social Sciences Teacher Education**

1. EDF X005
2. EDG X701
3. EME X040
4. 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 the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact 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.

Note: Courses specified in category 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.
Programs

Note: The following courses are applicable to each of the major programs in middle and secondary education listed below.

Definition of Prefixes

EDG — Education: General
EDM — Education: Middle School

Undergraduate Courses

EDG 2701. Teaching Diverse Populations (3). Students will acquire an understanding of the complexity and diversity in the American and Florida populations in general and the school and community populations in particular. Students will participate in a field-based experience.

EDM 3001. Introduction to Middle School (3). This course is designed to give the student an introduction to the modern middle school. It will include the philosophy and practice of the ideal middle school. The development of the middle school will be studied. This is a required course only for students in the junior high/middle school mathematics education program, but recommended as an elective for all of those in teacher preparation programs in the department.

ENGLISH EDUCATION

Professor: Carroll; Associate Professor: Wood; Assistant Professor: Steadman; Professor Emeritus: Simmons

Secondary English Education Undergraduate Program

The program in English education requires course work in English, English education, teaching English as a second language, and professional education. After meeting State of Florida Common Course Prerequisites, students in English education must complete a minimum of twenty-one (21) semester hours of English course work. Courses must include those that focus specifically on these areas: minority American literature, American literature, multicultural literature, Shakespeare, British literature, linguistics, and advanced composition. Students should see an adviser in English education for specific courses satisfying these requirements.

In English education, candidates must complete LAE 3331, 3333, 4323, 4530 (or another approved reading course), 4860, 4941, 4942 (student teaching). Additional English education course work may be taken as independent study (LAE 4905r) or in special topics in teaching English (LAE 4930).

All candidates also are required to take TSL 3130 and 4240. When taken in conjunction with the courses listed above, students become eligible for the state ESOL endorsement in teaching English as a second language. They also must pass the subject area and professional knowledge portions of the Florida Teacher Certification Examination prior to graduation, and must pass the General Knowledge portion prior to admission to the program.

Six (6) semester hours of upper division professional education courses are required (as explained in the “College of Education” section of this General Bulletin). Students must complete all required course work before being admitted to student teaching. Students are encouraged to student teach in the local area (Area I) or in the other areas supported by the College of Education.

In addition to meeting the College of Education criteria for admission to teacher education, students must meet the following standards in order to student teach: 1) a minimum 2.75 grade point average (GPA) in English courses, including TSL courses; 2) a minimum 3.0 GPA in English education courses; 3) a minimum 2.75 GPA in professional education courses; 4) completion of all required English education courses with no lower than a “C-” and 5) approval by the English education faculty.

Students who fail to meet any one of these criteria will not be allowed to student teach.

Students who meet certification requirements in English may seek to obtain certification in speech. Consult the College of Communication for current speech certification requirements. For more information, please visit www.fsu.edu/~mse/Programs/English/index.html.

Graduate Courses (Core Courses)

LAE 506A. 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 5925r. 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.

Undergraduate Courses

Note: English education majors also must complete course work offered through the Department of English, the Educational Foundations Program, the Educational Psychology Program, and the Multilingual/Multicultural Education Program. Please see the department for details.

LAE 3331. Teaching Literature and Drama in High Schools (3). Prerequisite: LAE 3905r. A minimum of six (6) semester hours of literature at the 2000, 3000, and/or 4000 level. Recent adolescent literature, resources and methods for teaching literature in high schools, uses of creative dramatics in teaching literature and language skills.

LAE 3333. Teaching Writing and Language in High Schools (3). Prerequisite: A minimum of six (6) semester hours in composition. Attitudes, materials, and procedures for teaching written composition, language, and grammar; planning instruction and evaluating student performance.

LAE 4322. Teaching English in the Middle School (3). Prerequisite: A minimum of six (6) semester hours of literature and six (6) semester hours of composition. Review of contemporary approaches to instruction in young adult literature, language, and language development, oral and written composition, corrective and developmental reading, and study skills. All English components will be considered in the light of early adolescent learning characteristics.

LAE 4332. Applied English Linguistics for Teachers (3). Prerequisite: A minimum of six (6) semester hours in composition and six (6) semester hours in literature. A course for prospective middle and high school teachers in contemporary approaches to English linguistics taught in Florida public secondary schools: grammar, usage, dialectology, dictation (vocabulary development), semantics, and lexicography. Linguistic content will be related to contemporary theories of learning.

LAE 4491. Classroom Management and Planning Instruction in Middle/High School English (3). Prerequisites: LAE 3331 and 3333. To be taken during the final semester of course work, with LAE 4941. A careful consideration of the role of the secondary schoolteacher of English with special attention to effective classroom management and planning for instruction and evaluation of student progress.

LAE 4530. Reading Instruction for Teachers of Secondary English Language Arts (3). Prerequisites: Two from among LAE 3331, 3333, TSL 3130. In this course, participants gain practical experience and expertise in learning to assess, diagnose, and address the kinds of reading problems that young adolescents bring into their English language arts classes. Students learn how to interpret and draw upon theory, research, and best practices in order to find strategies and approaches that will improve adolescents’ critical reading skills and their attitudes toward reading.

LAE 4860. Using Technology in Teaching Language Arts (3). Prerequisite: EME 2404 or equivalent. Survey of the uses of technology to improve the achievement of students in English at the secondary level. Course includes: video, film, video camcorders, computers, computer software evaluation, media literacy, the Internet, homepages, CD-ROM, and HyperText.

LAE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

LAE 4930. Special Topics in Teaching English (1–3). Intensive investigations of problems and issues affecting secondary English instruction prior to and during teaching internship.

LAE 4937r. Honors Work (3). May be repeated to a maximum of six (6) semester hours.

LAE 4941. Methods and Observation/Participation in Middle/Secondary English (2). (S/U grade only.) Prerequisites: LAE 3331, 3333. To be taken during the final semester of course work, with LAE 4360. A series of observation and participation activities designed to provide the English education undergraduate with preservice teaching classroom experiences.

LAE 4942. Student Teaching in Secondary School English (12). (S/U grade only.) Prerequisites: All English, LAE, TSL, and EDF requirements. Internship in secondary English.

RED 4335. Content Area Reading for Secondary School Teachers (3). This course introduces preservice teachers to the role of literacy in the content areas. Students develop the knowledge, skills, and attitudes needed to meet the literacy needs of students. This course is required for all teacher education majors, with the exception of English education majors.

Graduate Courses (Core Courses)

LAE 506A. 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 5925r. 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 adviser to determine the most appropriate track.
HEALTH EDUCATION

Professors: Fouk, 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 work with 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 composite score of 20 on the Enhanced ACT or a combined score of 960 on the SAT I, and a passing score on each section of the CLAST (exceptions not accepted). If the student desires teacher certification, additional admission requirements are explained in the “College of Education” chapter of this General Bulletin. For further details, see the program adviser or visit www.fsu.edu/~mse/Programs/Health/index.html.

Degree/Certification

The bachelor of science (BS) and master of science (MS) degrees are available. The BS degree requires sixty (60) semester hours of upper-division course work, including either student teaching or a community health field experience.

Students entering the master’s degree program without an undergraduate degree in health education or an appropriate area of allied health may be required to take additional courses. Master’s degree candidates desiring teacher certification as an area of specialization must meet additional requirements. For further details, refer to the Graduate Bulletin.

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 2100</td>
<td>Health Implications of our Changing Culture (3)</td>
</tr>
<tr>
<td>HSC 3002</td>
<td>Introduction to Health Promotion (3)</td>
</tr>
<tr>
<td>HSC 3132</td>
<td>Problems in Health Education (3)</td>
</tr>
<tr>
<td>HSC 3133</td>
<td>Strategies for Effective Health Education Program Development (3)</td>
</tr>
<tr>
<td>HSC 3949c</td>
<td>Cooperative Education Work Experience (0) (S/U grade only)</td>
</tr>
<tr>
<td>HSC 4143</td>
<td>Preventive Approaches and Strategies in Drug Education for the Educator (3)</td>
</tr>
<tr>
<td>HSC 4300</td>
<td>School Health Methods/Strategies (4)</td>
</tr>
<tr>
<td>HSC 4814c</td>
<td>Community Health Education Field Experience (5–15) (S/U grade only)</td>
</tr>
<tr>
<td>HSC 4870c</td>
<td>Student Teaching in Health Education (1–15) (S/U grade only)</td>
</tr>
<tr>
<td>HSC 4906c</td>
<td>Directed Individual Study (1–3)</td>
</tr>
</tbody>
</table>

Supervised Community Health Education Field Experience (1–15). (S/U grade only.)

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.

HSC 5935r. Selected Special Topics in Health Education (3).

Graduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 5006</td>
<td>Foundations of Health Promotions (3)</td>
</tr>
<tr>
<td>HSC 5142</td>
<td>Health/Drug Education/Promotion Strategies in Schools (3)</td>
</tr>
<tr>
<td>HSC 5247</td>
<td>Seminar in Community Health Education Program Planning and Evaluation (3)</td>
</tr>
<tr>
<td>HSC 5506</td>
<td>Epidemiological Practices for Health Educators (3)</td>
</tr>
<tr>
<td>HSC 5817r</td>
<td>Supervised Community Health Education Field Experience (1–12) (S/U grade only)</td>
</tr>
<tr>
<td>HSC 5875r</td>
<td>Supervised Teaching (1–4) (S/U grade only)</td>
</tr>
<tr>
<td>HSC 5908r</td>
<td>Directed Individual Study (1–3)</td>
</tr>
<tr>
<td>HSC 5915r</td>
<td>Supervised Research (1–4) (S/U grade only)</td>
</tr>
</tbody>
</table>

MATHMATICS EDUCATION

Associate Professors: Aspinwall, Jakubowski, Shaw; Assistant Professor: K. 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. For more information, please visit www.fsu.edu/~mse/Programs/math/index.html.

Curriculum for Teachers of Secondary School Mathematics Leading to a Baccalaureate Degree and Florida Teacher Certification

A student preparing to teach secondary school mathematics must take at least twenty-one (21) semester hours of mathematics, statistics, and/or computers beyond the common degree prerequisites. Specific course requirements are provided by the department.

Each student preparing to teach secondary school mathematics must take EDF 4210 and 4430; MAE 4320, 4330, 4657, 4815, 4816, 4862, 4878, 4940, 4945; RED 4335; 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.

Each student preparing to teach middle grades mathematics must take EDF 4210 and 4430; EDM 3001; MAE 4320, 4330, 4657, 4813, 4815, 4816, 4862, 4878, 4940, 4945; RED 4335; and TSL 4324. A student must earn at least a “C” in the required courses.

In order to satisfy state requirements in both programs, students take courses in assessment, reading in the content area, and human development and learning. Specific courses meeting these requirements are provided by the department.

In either program a student may not earn more than one “D” in a mathematics or statistics course. Some departments have specific policies with respect to grades. Please refer to these sections in this General Bulletin.

In addition to the College of Education criteria for admission to teacher education, the following criteria must be met: 1) pass all parts of the CLAST (exceptions to the University policy are not acceptable) or pass the General Knowledge subject test of the Florida Teacher Certification Exam (FTCE); 2) complete calculus with analytic geometry 1 with a “C-” or better; 3) an overall 2.5 GPA; and 4) approval by the department. Admission to one of the programs is required prior to taking courses in the major.

Students must meet the following requirements in order to graduate from either program: 1) pass all parts of the FTCE (General Knowledge,
Professional Knowledge, and Subject Area); 2) an overall 2.5 GPA; and 3) demonstrate at a satisfactory level all of the Florida Educator Accomplished Practices at the pre-professional 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 mathematical content of the middle grades are considered.

MAE 4336. 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 4337. Teaching High School Mathematics (3). Prerequisites: MAC 2311, 2312. This course provides a foundation in the pedagogy of mathematics, focusing on the use of problem solving, cooperative learning, and appropriate tools for teaching algebra, geometry, trigonometry, calculus, statistics and probability, measurement, and number concepts and operations.

MAE 4657. Using Technology in the Teaching of Mathematics (3). Prerequisite: EME 2040. This course explores the uses of various technologies in mathematics classes, demonstrated through hands-on activities and experiences.

MAE 4662. Using History in the Teaching of Mathematics (3). The course examines the historical origins and evolution of key mathematics concepts. Selected topics are chosen from number systems, numeration, computation, number theory, algebra, geometry, analytic geometry, and calculus.

MAE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

MAE 4940. Classroom Management and Planning Instruction in Middle/High School Mathematics (4). Prerequisites: EDF 4430; MAC 2311; MAE 4336, 4816; or permission of instructor. This course provides for a focused examination of instructional strategies, planning, evaluation, classroom management, school laws, professional ethics, and school safety in the middle and high school mathematics classroom. Prospective teachers are expected to demonstrate an ability to impact student learning in grades 5–12. This course is to be taken during the semester prior to MAE 4945.

MAE 4941r. Field Experiences in Teaching Mathematics (1–3). (S/U grade only.) May be repeated to a maximum of six (6) semester hours.

MAE 4945. Student Teaching in Mathematics (12). (S/U grade only.) Prerequisite: MAE 4940. Supervised semester-long classroom teaching experience in a Florida public school.

Graduate Courses

MAE 5146. School Mathematics Curriculum (3).

MAE 5175. Teaching Community College Mathematics (3).

MAE 5337. Seminar on the Teaching of Algebra (2).

MAE 5338. Seminar on the Teaching of Geometry (2).

MAE 5641r. Special Topics in Mathematics Education (2–3).

MAE 5658. Using Technology in the Teaching of Mathematics (3).

MAE 5690. Ethnomathematics (3).

MAE 5691. Mathematics Learning and Teaching (3).

MAE 5795. Seminar on Research in Mathematics Education (2).

MAE 5865. Using History in the Teaching of Mathematics (3).

MAE 5906r. Directed Individual Study (1–3). (S/U grade only.)

MAE 5915r. Supervised Research (1–4). (S/U grade only.)

MAE 5942r. Field Laboratory Internship (1–8). (S/U grade only.)

MAE 5946r. Supervised Teaching (1–4). (S/U grade only.)

MAE 6148. Curriculum in Math Education (3).

MAE 6797. Advanced Seminar on Research in Mathematics Education (4).

MAE 6938r. Doctoral Seminar in Mathematics Education (1–3).

MAE 6939. Seminar in Mathematics Teacher Education (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

Assistant Professor: Hasson; Courtesy Professor: Kennell; Professors Emeriti: Jenks, Leamon, Platt

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 multicultural education. Students entering the multilingual/multicultural teacher education program are required to have a 2.5 GPA on a 4.0 scale and have a passing score on each section of the CLAST.

Curriculum for Teachers of Foreign Language Leading to a Baccalaureate Degree and Florida Teacher Certification

Note: The undergraduate program in foreign language education is temporarily closed as of Fall, 2005.

The bachelor of arts (BA) or bachelor of science (BS) degrees may be earned, including certification (National Council for Accreditation of Teacher Education [NCATE] approved with reciprocal agreements in more than 40 states). Course work leading to the teaching certificate requires a minimum of thirty (30) upper division semester hours in each certified language and may involve more course work than minimum degree requirements. A study abroad experience is strongly advised. Professional requirements include FLE 3033 (offered in Fall semester) and FLE 4941 and 4945 (student teaching, offered in Spring semester). Prior to student teaching, students must take and pass: 1) the ACTFL Oral Proficiency Interview in their major foreign language with a rating in the “advanced range”; and 2) the Florida Teacher Certification Exam (FTCE). Students must take TSL 4324 ESOL Instruction in Context Areas, as well as complete requirements for assessment, human development and learning, and reading. Moreover, students must demonstrate at a satisfactory level all of the Florida Education Accomplished Practices at the pre-professional 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

EAP 4830r. Spoken English for International Teaching Assistants (1–3). (S/U grade only.)

EAP 4905r. Directed Individual Study (1–3). (S/U grade only.) This course provides for a focused examination of instructional strategies, planning, evaluation, classroom management, school laws, professional ethics, and school safety in the middle and high school mathematics classroom. Prospective teachers are expected to demonstrate an ability to impact student learning in grades 5–12. This course is to be taken during the semester prior to MAE 4945.

EAP 4941r. Field Experiences in Teaching Mathematics (1–3). (S/U grade only.) May be repeated to a maximum of six (6) semester hours.

EAP 4945. Student Teaching in Mathematics (12). (S/U grade only.) Prerequisite: MAE 4940. Supervised semester-long classroom teaching experience in a Florida public school.

Graduate Courses

MAE 5146. School Mathematics Curriculum (3).

MAE 5175. Teaching Community College Mathematics (3).

MAE 5337. Seminar on the Teaching of Algebra (2).

MAE 5338. Seminar on the Teaching of Geometry (2).

MAE 5641r. Special Topics in Mathematics Education (2–3).

MAE 5658. Using Technology in the Teaching of Mathematics (3).

MAE 5690. Ethnomathematics (3).

MAE 5691. Mathematics Learning and Teaching (3).

MAE 5795. Seminar on Research in Mathematics Education (2).

MAE 5865. Using History in the Teaching of Mathematics (3).

MAE 5906r. Directed Individual Study (1–3). (S/U grade only.)

MAE 5915r. Supervised Research (1–4). (S/U grade only.)

MAE 5942r. Field Laboratory Internship (1–8). (S/U grade only.)

MAE 5946r. Supervised Teaching (1–4). (S/U grade only.)

MAE 6148. Curriculum in Math Education (3).

MAE 6797. Advanced Seminar on Research in Mathematics Education (4).

MAE 6938r. Doctoral Seminar in Mathematics Education (1–3).

MAE 6939. Seminar in Mathematics Teacher Education (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
TSL 4441. Second Language Testing and Evaluation (3). Prerequisites: EDF 1005; EDG 2701; EME 2040; admission into teacher education program. This course is designed to acquaint students with principles of second language assessment and standardized testing, to inform them of the general principles of second language test construction and administration, including traditional and non-traditional assessments, and to provide practical experiences in preparing valid items and analyzing tests.

TSL 4041. Practicum in Multilingual/Multicultural Education (4). Prerequisites: FLE 3033; acceptable oral proficiency interview score. Practical techniques for classroom instruction of basic foreign language skills; teaching intermediate and advanced levels; use and construction of foreign language tests; techniques of planning, classroom management, ethics, and school law.

TSL 4042. Associate Teaching in a Foreign Language (10). (S/U grade only.) Prerequisites: FLE 3033, 4941; passing score on FTCE. May be repeated to a maximum of ten (10) semester hours.

TSL 4045. Associate Teaching in English as a Second Language (2–10). (S/U grade only.)

Graduate Courses

EAP 5860. Advanced English Practice for International Educators (3). (S/U grade only.)

FLE 5908r. Directed Individual Study (1–3). (S/U grade only.)

FLE 5915r. Supervised Research (1–4). (S/U grade only.)

FLE 5945r. Supervised Teaching (1–4). (S/U grade only.)

LIN 5706. Psycholinguistic Perspectives on Language Acquisition and Development (3).

TSL 5005. Teaching of English as a Second/Foreign Language (4).

TSL 5142. Development of Curriculum and Materials in Foreign Languages (3).

TSL 5250. Applied Linguistics in Foreign Language Teaching (3).

TSL 5325. ESOL (English to Speakers of Other Languages) Instruction in the Content Areas (3).

TSL 5377. Reading in Foreign Language Instruction (3).

TSL 5471. Testing and Evaluation in Foreign Languages (3).

TSL 5527. Teaching of Culture: Multicultural/Multilingual Perspectives (3).

TSL 5640. Seminar: Research in Second Language Learning and Teaching (3).

TSL 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).

TSL 5931. Seminar: Special Topics in Applied Linguistics (2–3).

TSL 5940r. Field Laboratory Internship (1–8). (S/U grade only.)


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

SCIENCE EDUCATION

Associate Professors: Davis, Gallard, Southunder; Professor Emeritus: Dawson

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. For more information, please visit www.fsu.edu/~mse/Programs/Science/index.html.

Required Core Courses

Professional Education Core

EDF 1005 Introduction to Education (3)
EDF 4210 Educational Psychology: Developing Learners (3)
EDF 4430 Classroom Assessment (3)
EDG 2701 Teaching Diverse Populations (3)
EME 2040 Introduction to Educational Technology (3)
RED 4335 Content Area Reading for Secondary School Teachers (3)
SCE 4320 Introduction to Middle School Science Teaching (3)
SCE 4362 Teaching and Learning Science (3)
SCE 4363 Advanced Topics in High School Science Teaching and Learning (3)
SCE 4944 Student Teaching in Science (10)
SCE 4948 Classroom Management and Planning in Science Education (3)
TSL 4324 ESOL Instruction in the Content Areas (3)

Student teaching involves a 15-week field experience during which students teach classes in their areas of specialization. Opportunities are provided to learn about schools and the manner in which science curricula are administered within schools. The practicum is a course that is conducted in conjunction with student teaching. Students meet to discuss their school-based experiences and to integrate theory and practice.

Specialty Areas (select one)

The student will work with a faculty adviser to design a program to ensure certification and competency in one of the following areas: biological science, chemistry, physics, middle school science, and earth/space science. Students must complete forty-nine to fifty-three (49–53) semester hours of science for majors in a specialty area. Twenty-two to twenty-two (22) of these semester hours may be satisfied when completing prerequisite and liberal studies requirements for admission to the upper division major. The student will work with a faculty adviser to design a program to ensure certification and competency in one of the following areas: biological science, chemistry, physics, middle school science, and earth/space science.

Definition of Prefix

SCE—Science Education

Undergraduate Courses

SCE 4320. Introduction to Middle School Science Teaching (3). The focus of this course is on the roles and responsibilities of science teachers. There is a 30-hour field component to this course.

SCE 4362. Teaching and Learning Science (3). The focus of this course is planning, instruction, learning, and classroom environment. There is extensive fieldwork (30 hours) and students will work with a teacher in an area high school.

SCE 4363. Advanced Topics in High School Science Teaching and Learning (3). Prerequisites or Corequisites: SCE 4320, 4362. This course assumes previous field experiences and focuses on issues in curriculum, assessment, and the use of technology in science instruction. This course is offered at the school site, is project-based, and there is an extensive fieldwork component.

SCE 4835C. Teaching Earth and Space Science (3). This course examines the pedagogical content knowledge needed to teach earth/space science.

SCE 4905. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

SCE 4920r. Science Education Colloquium (6). (S/U grade only.) Colloquium provides opportunities for sharing and to learn about current science education research. May be repeated to a maximum of eight (8) times.

SCE 4932r. Seminar in Contemporary Science and Science Education (1). May be repeated to a maximum of four (4) semester hours. Two (2) hours must be taken prior to or concurrent with SCE 4330. Required for arts and sciences majors.

SCE 4944. Student Teaching in Science (10). (S/U grade only.) Corequisites: SCE 4948r. SCE 4949r. SCE 4950. SCE 4950r. SCE 4320, 4362, 4363; TSL 4324. Corequisite: SCE 4944. This course provides support and guidance to science education students participating in student teaching. The course focus is on classroom management and planning, professional ethics, and school law.

Graduate Courses

SCE 5140. Curriculum in Science Education (3).
SCE 5225. Conceptual Learning in Middle School Science (3).
SCE 5340. Teaching and Learning Science (3).
SCE 5545. Teaching Science in Diverse Classrooms (3).
SCE 5740. Research Methods in Science Education (3).
SOCIAL SCIENCE EDUCATION

Assistant Professors: Brown, Martin; Professor Emeritus: Lunstrum

Admission Requirements

Students accepted into the social science teacher education program must have completed: 1) the liberal studies requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common course prerequisites for social sciences described earlier in this section; and 3) the requirements for admission into a teacher education program described in the “College of Education” chapter of this General Bulletin, which includes the following minimum standards: 2.5 GPA; passing the General Knowledge test. This test is required for certification and is part of the Florida Teacher Certification Examination.

Curriculum for Teachers of Middle and Secondary Social Science Leading to a Baccalaureate Degree and Florida Teacher Certification

Students preparing to teach middle and secondary school social science must complete forty-eight (48) semester hours as follows: six (6) semester hours of economics, six (6) semester hours of geography, three (3) semester hours of psychology or sociology, six (6) semester hours of American government, six (6) semester hours of American history, eight (8) semester hours of world history, three (3) semester hours of public speaking at the 2000 level, one (1) semester hour 3000/4000 course (must be a non-American, non-European history or social science course), and nine (9) semester hours in a field of concentration focused on a topic/theme related to social science instruction (e.g., American culture, area studies, world affairs, ethnic studies). The forty-eight (48) semester hours may include courses in history and social science taken for liberal studies and those taken to meet the State of Florida common course prerequisites for admission to the upper division major.

Professional education requirements and prerequisites for student teaching are: EDF 4430, 4210, TSL 4324, SSE 4362, 4364, 4664, and 4940. Students may not use their field of concentration any course in which they receive a grade below “C”. Prior to admission to student teaching, students must achieve an overall GPA of 2.5 or higher and earn a grade of “C” or better in each social science methods courses.

Note: Additional courses mandated by the Florida Department of Education concerning assessment and human development and learning will be required. Consult your academic adviser for details.

Students who have completed a bachelor’s degree in an appropriate field may also seek certification only in conjunction with course work applied toward a graduate degree. In meeting requirements for certification, these students should enroll in graduate-level professional courses.
Program in MIDDLE EASTERN STUDIES

COLLEGE OF ARTS AND SCIENCES

Director: Peter Garretson (History); Co-Director: Zeina Schlenoff (Modern Languages and Linguistics); Advisers: Garretson (History), Schlenoff (Modern Languages and Linguistics)

The Departments of Anthropology, Art History, Classics, Economics, English, History, Modern Languages and Linguistics, Music, Religion and Urban and Regional Planning offer an interdisciplinary major and minor in Middle Eastern studies at the undergraduate level. The program is designed for: (1) general liberal arts students who wish to learn more about the Middle East; (2) students who wish to pursue graduate work in this field; and (3) students who seek employment in or relating to the Middle East. The Middle East Center administers the major. A bachelor of arts (BA) degree in Middle Eastern studies responds directly to a national and regional demand for resources and information to educate students, professionals, and the surrounding community about this important region of the world. An increasing number of jobs are available nationally and throughout the world for those with expertise in the Middle East and its languages.

For more information, please refer to http://www.fsu.edu/~mec.

Admission

Students must complete fifty-two (52) semester hours with an adjusted GPA of 2.0 on all University coursework and have completed at least half the required liberal studies hours or an AA degree.

Requirements for a Major in Middle Eastern Studies

Students majoring in Middle Eastern studies are to construct their study program in consultation with an adviser, around three components in addition to the University requirement for liberal studies and electives. A total of fifty-four (54) semester hours beyond the liberal studies requirement is required. A list of approved courses is available with the program advisers.

Major Components for a BA in Middle Eastern Studies

1. Major requirement. Students are to take a minimum of thirty-six (36) semester hours from among those area-specific upper level courses listed for their major track. The hours should be distributed among at least 3 departments participating in the program.

2. Middle East Survey requirement. Students are required to take Middle East Survey (ASH 3230), a three (3) semester hour course.

3. Language requirement. Fifteen (15) semester hours of course work are required in a relevant area language (Arabic, Hebrew, or any other Middle Eastern language that might be offered on campus in the future). The hours must be focused upon one specific language.

Students are encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on the FSU campus or by participating in a semester or summer abroad program in their relevant cultural area as such programs are available. To encourage the achievement of language proficiency, language course work hours taken beyond the fourth semester of foreign language requirement may be counted toward the required thirty-six (36) hours for the major. A separate minor is not currently required for the Middle Eastern studies major, as a secondary area of major course work constitutes a collateral minor.

State of Florida Common Course Prerequisites

The State of Florida has not identified common course prerequisites for this University degree program. However, students are encouraged to take lower level introductory courses in some of the related disciplines (e.g., culture/history courses relating to the Middle East) and to begin study in Arabic or Hebrew earlier so that they might be able to leave the program with the highest level of proficiency possible in their chosen language.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Middle Eastern studies satisfy this requirement by earning a grade of "C-" or higher in CGS 2060, CGS 2064, CGS 2100, or EME 2040.

Minor in Middle Eastern Studies

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 (2200 level) competence in Hebrew (biblical or modern), Arabic, or another Middle Eastern language approved by the committee. No more than eight (8) semester hours of language courses may be counted toward the minor. No course taken for the minor may be used to fulfill any University language requirement. The remaining required hours must come either from the courses listed below or be approved by the coordinating committee.

Core Courses

Note: Course descriptions can be found in the chapter corresponding to the department in which each course is taught.

Anthropology

ANT 4175 Archaeology of the Islamic World (3)

Art History

ARH 3800 Methods of Art Criticism: Islamic Art (3)
ARH 4118 Archaeology of Ancient Egypt (3)
ARH 4173 Studies in Classical Art and Archaeology (3)

Economics

ECS 4504 Economics of the Middle East (3)

Geography

GEO 4930 Special Topics in Geography [Middle East] (3)

History

AFH 4302 Northern African History: A Survey (3)
ASH 1044 Middle Eastern History and Civilization (3)
ASH 3200 History of the Ancient Near East (3)
ASH 3230 Middle East Survey (3)
ASH 4223 Modern Middle East (3)
ASH 4261 Central Asia Since the Mongols (3)
EUH 3420 Rise and Fall of Classical Civilization (3)
EUH 4241 The Holocaust in Historical Perspective (3)

Note: ASH 3230 is a required course for all students majoring in Middle Eastern studies.

Modern Languages

ARA 1120 Elementary Arabic I (4)
ARA 1121 Elementary Arabic II (4)
Department of MILITARY SCIENCE

College of Arts and Sciences

Professor: Lieutenant Colonel Ronald P. Elrod; Assistant Professors: Brown, Celeste, Cherry, Lovins, Rodriguez; Instructors: Coleman, Lovins

The military science department’s Reserve Officers Training Corps (ROTC) program of instruction qualifies the student for a commission in the United States Army, Army National Guard, or United States Army Reserve. The curriculum does not provide technical training in a job specialty, nor does it emphasize vocational training; rather, it complements and provides a base for normal progression in the commissioned officers’ educational program.

Leadership and management objectives are included in academic periods of instruction. Practical leadership experience is gained in a field training environment by attendance at a 32-day summer camp, normally between the junior and senior years. Nursing students attend a nursing internship at Army hospitals following the normal summer camp. A leadership laboratory also provides experience in a range of leadership positions during the school year. The department offers both a four-year and a two-year program, each with its own special advantages. Students are invited to visit or write the Department of Military Science to obtain additional information.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Core Program

The program requires four years of military science courses, which consist of a two-year basic course and a two-year advanced course. Students can begin the four-year program as a freshman or as a sophomore.

There is also a two-year ROTC program for those students with only two years of college remaining. The two-year course is designed for junior college and other non-ROTC college transfer students, but may be utilized by students who did not enroll in the basic course outlined below.

Graduate students may also qualify for enrollment in the two-year course. Additional information regarding eligibility requirements for the two-year program may be obtained by contacting the Department of Military Science.

Women are encouraged to enroll and will be commissioned as officers in the United States Army upon completion of the ROTC curriculum. Job opportunities for women 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 a one and a half hour (90 minutes) leadership laboratory period each week. Only students who have demonstrated a definite potential for becoming competent officers will be selected for the advanced course.
Professional Military Education

In addition to basic and advanced ROTC courses, cadets must complete professional military education requirements consisting of one course in each of the following areas: written and oral communication skills, American military history, and computer literacy. Students should consult with the professor of military science to determine those University courses suitable for fulfilling these requirements.

Monetary Allowances

Cadets selected for admission into the advanced course qualify for a nontaxable monetary allowance of $450–$500 per month for up to 20 months. Cadets may also qualify for the simultaneous membership program with the United States Army Reserve or National Guard, which can provide over $16,000 during the last two years of school. Both the United States Army Reserve and the National Guard offer additional monetary incentives for cadets who join their organizations.

Army ROTC College Scholarship Program

Financial assistance is available in the form of two-, three-, or four-year ROTC academic scholarships for selected students. Under the Army ROTC Scholarship Program, the students/cadets receive full tuition. Additionally, Army scholarship recipients receive a flat-rate allowance of $900 per year for textbooks and other expenses and a $300–$500 per month stipend for up to 10 months per year. During the 32-day advanced course summer training between the junior and senior years, Army ROTC also pays attending cadets $25.48 per day plus room and board. There are also numerous national and organizational scholarships that students may compete for as a member of Army ROTC.

Textbooks and Uniforms

All textbooks, uniforms, items of insignia, and equipment incident to membership in the Army ROTC Program are furnished by the Department of Military Science.

Minor in Military Science

A minor in military science is offered and may be selected by students with the approval of their major department and the Department of Military Science. Requirement for a minor is twelve (12) semester hours of upper division coursework.

Special Activities

Throughout cadets’ courses in ROTC, they will have the opportunity to join and participate in a number of military affiliated organizations and activities, both on a voluntary and a selective basis. The Pershing 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 series of military events termed Ranger Challenge. Cadets may also join Scabbard and Blade, a military honor society comprising those cadets with qualifying grades that denote scholarship. Scabbard and Blade performs a number of community service projects each year.

Awards and Decorations

Awards and decorations made available by national organizations, 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 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 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 at (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 hours (90 minutes) 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 and critical thinking skills, 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 leadership 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 2103L. Basic Field Internship (4). Corequisite: Must pass the Army Physical Fitness Test (APFT) and have earned at least fifty-four (54) semester hours at FSU with a 2.0 GPA. This course consists of an intensive internship conducted at Fort Knox, Kentucky, for four weeks. Designed as an alternative to meet requirements for entrance into the upper division of Officers’ Science for students who have not completed introductory level coursework.

MSL 3201. Leadership and Problem Solving (3). Prerequisites: MSL 1001, 1002, 2101, 2102, or permission of instructor. Corequisite: MSL 3201L. 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).

MSL 3202. Leadership and Ethics (3). Prerequisites: MSL 1001, 1002, 2101, 2102, or permission of instructor. Corequisite: MSL 3202L. Topics in this course include leadership responsibilities that foster an ethical command climate and develop cadet leadership competencies. Students apply principles and techniques of effective written and oral communication.

MSL 3202L. Leadership and Ethics Laboratory (0).

MSL 3401L. Leadership and Management (3). Prerequisite: MSL 3202 or permission of instructor. Corequisite: MSL 3401L. Students discuss staff organization, functions, and processes, analyze counseling responsibilities and methods, and apply leadership and problem solving principles to a complex case study/simulation.

MSL 3401L. Leadership and Management Laboratory (0).

MSL 4302. Officership (3). Prerequisites: MSL 3202, 4301, or permission of instructor. Corequisite: MSL 4302L. This capstone course explores topics relevant to second lieutenants entering the Army, including legal aspects of decision making and leadership, as well as Army organization from the tactical to the strategic level.

MSL 4302L. Officer Leadership Laboratory (0).

MSL 4900r. Directed Individual Study (3). Prerequisite: Permission of the professor of military science. Special supervised study/research with professor of military science dealing with emphasis on current issues relating to the profession of arms and national defense. May be repeated to a maximum of six (6) semester hours.
Academic Programs

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 Brazilian, Chinese, French, German, Hispanic, Italian, Japanese, and Russian film, and courses in French, German, Italian, Russian, and Latin American literature in English translation. The literature in translation courses count toward the literature requirement in the liberal studies humanities area and may, in some cases, be accepted for major or minor credit (see individual course descriptions).

All students who intend to continue study of a language at 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 are offered in French, French and Francophone Studies, German, Italian, Russian, 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, Russian, Spanish, and world literature/world film. A minor in Middle Eastern studies is offered jointly by the Departments of Modern Languages and Linguistics, Religion, History, and Classics.

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 in 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 dealing with various aspects of francophone culture, organizes lecture series by outstanding scholars from a variety of fields, and hosts conferences on contemporary cultural and social issues. Through its courses, conferences, and research, the institute seeks to address intellectual and social developments throughout the francophone world 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, Chinese, French, German, Italian, Japanese, Portuguese, Russian, and Spanish. For further information, please contact the department at (850) 644-3728.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in modern languages and linguistics satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for these degree programs:

French

Six to twelve (6–12) semester hours of coursework in the language

French and Francophone Studies

Students must demonstrate proficiency by testing or completion of intermediate-level French.

German

Six to twelve (6–12) semester hours of coursework in the language
Italian
Six to twelve (6–12) semester hours of coursework in the language

Russian
Six to twelve (6–12) semester hours of coursework in the language

Spanish
Six to twelve (6–12) semester hours of coursework in the language

College Requirements
Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Note: The department reserves the right to realign or drop students who are enrolled in a course for which they have not taken the required pre-requisites, or one that does not correspond to their linguistic abilities.

Honors in the Major
The Department of Modern Languages and Linguistics offers a program in honors in the major to encourage talented seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Major in a Language with Concentration in Business
A major in French, German, Italian, Spanish, or Russian with a concentration in business may be selected. The program consists of twenty-one (21) semester hours in the language beyond the language requirement plus fifteen (15) semester hours of core courses and twelve (12) semester hours in a specialized track of marketing, management, or finance in the College of Business. Students should consult with their language adviser for a list of appropriate courses. No minor is required.

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, Russian, and Spanish. The co-major consists of twenty-one (21) semester hours numbered above 1999 in each of two divisions selected. One 2000-level course must be used to satisfy the arts and sciences language requirement. The student should consult with an adviser in each language division 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, i.e. they may be counted toward two separate majors; and 2) no minor is required.

Double Major in Modern Languages
A double major in two modern foreign languages may be approved. Please consult an adviser in each language for course advisement.

Requirements for a Major in Modern Languages and Linguistics
Note: A grade of “C–” or better must be earned in each course applied toward any major or minor degree earned in modern languages and linguistics.

French Major
Thirty (30) semester hours numbered above 2999 are required, including FRW 3100, 3101; FRE 3420, 3421, 3780, 4422; and three additional 4000-level courses (nine [9] semester hours), at least two of which (six [6] semester hours) must be in French literature. One 3000–4000 level elective will complete the requirements. Students are also strongly advised to take the sequence FRW 3100–3101 concurrently with the grammar/composition sequence FRE 3420–3421. Native speakers should register for courses numbered 3000 and above. Majors and minors are eligible for the Ada Belle Winthrop-King summer scholarships to Paris. For more information about the French program, please visit the Web site: http://www.fsu.edu/~modlang/divisions/french.

French and Francophone Studies Major
Thirty-six (36) semester hours numbered above 2999 are required in this interdepartmental program with history and art. Twenty-one (21) semester hours of French and fifteen (15) semester hours in either one or two fields related to French and francophone culture will be determined in consultation with the French adviser. The required French courses are FRE 3244, 3420, 4500; FRW 3100, 3101; and two additional 4000 level French courses. French and francophone studies majors are eligible for the Ada Belle Winthrop-King Summer Scholarships to Paris. For more information about the French program please visit the Web site at http://www.fsu.edu/~modlang/divisions/french.

German Major
Thirty (30) semester hours numbered above 2999 are required. Students must have a minimum of six (6) semester hours of skills courses (e.g. GER 3310, 3400) and six (6) semester hours of literature, film, and culture classes (e.g. GER 3500, GEW 3370). A minimum of six (6) semester hours must be taken at the 4000 level. Core required courses for the major are GER 3400 and GER 3500. Students should consult with an adviser to ensure that they have met the distribution requirements.

Italian Major
Thirty (30) semester hours numbered above 2220 are required, including ITA 2240, 3420, 3421, at least one 3000-level literature course in Italian (ITW 3100, 3101), and a minimum of twelve semester hours at the 4000 level. A maximum of six (6) semester hours from among the following course work may count toward the thirty (30) semester hour requirement: ITT 3430, 3500, 3501, 3520. ITW 3391r also may be counted toward the major and minor in Italian.

Russian Major
Thirty (30) semester hours numbered above 2220 are required, including RUS 2330, 3420, 3421 and at least twelve (12) semester hours of RUS/RUW course work at the 4000 level or above. Three (3) semester hours at the 4000 level must be in Russian literature. A maximum of six (6) semester hours from among the following course work may count toward the thirty (30) semester hour requirement: RUT 3110, 3500; LIN 3041, 4040; SLL 3500 and 3510. FOL 3930r may also be counted toward the major and minor in Russian.

Spanish Major
Thirty-six (36) semester hours, distributed in the following manner, are required: SPN 2240 and eighteen (18) semester hours of 3000 level courses including SPN 3332, 3333, SPW 3030; either SPN 3510 or SPN 3520; a departmental linguistics course (usually LIN 3041), and one 3000 level literature course. Heritage speakers must take SPN 3350 plus an additional 3000-4000 level Spanish course instead of the required SPN 3332-3333 sequence. Required at the 4000 level are fifteen (15) semester hours in SPN or SPW courses, including at least one senior seminar, such as SPN 4540, SPN 4930 or SPW 4930.

Minor for Modern Languages Majors
At least twelve (12) semester hours in an approved departmental field are required. If a second foreign language is selected as the minor, the twelve (12) semester hours must be earned in courses numbered above 1999. All courses must be taken for a letter grade, and a minimum grade of “C–” must be earned for all courses taken for the minor.

Requirements for a Minor in Linguistics
The undergraduate minor requires twelve (12) semester hours in linguistics. See specific course requirements listed under “Interdepartmental Linguistics Minors.”
Requirements for a Minor in Modern Languages and Linguistics

Twelve (12) semester hours in linguistics or in any one of the following languages are required: Chinese, French, German, Italian, Japanese, Portuguese, or Russian numbered above 1999. Spanish requires fifteen (15) semester hours numbered above 2220 including three (3) hours in Spanish literature. 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 eighteen (18) semester hours, fifteen (15) of which should be from Arabic language courses. The additional three (3) hours may be selected 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 any University language requirement. At least nine (9) of the eighteen (18) semester hours must be earned at Florida State University. A list of approved courses may be obtained from the Departmental undergraduate office, 364 DIF. A minimum grade of "C-" must be earned for all courses taken for the minor. Directed Individual Study (DIS) hours are not applicable to the minor. A certificate may be issued by the department upon successful completion of the minor requirements.

Requirements for a Minor in Medieval Studies

The undergraduate minor in medieval studies provides students focused, interdisciplinary training in the culture of the pre-modern era in the lands of Europe, both West and East, as well as the cultures of the Middle East. The minor will consist of fifteen (15) semester hours beyond the liberal studies and major requirements. The selection of a pair of courses in one of the following fields of concentration provides a focus for the minor: medieval art history (two ARH courses from an approved list); medieval history (two EUH courses from an approved list); and medieval texts and cultures (one ENL and one modern languages course from an approved list). An approved course list is available from the Department of Modern Languages and Linguistics Undergraduate Office, 364 DIF, or from the Director of the Department of Modern Languages and Linguistics Medieval Studies Minor. Having established a concentration in one medieval field, the student then chooses three more courses from an approved list. These courses are to be distributed over two or three departments other than that of his/her concentration. All declared students in the minor receive a regular pre-registration mailing, listing all the eligible courses for the forthcoming semester. Additional courses are certified on a semester-by-semester basis. Faculty members may send the director a description of a special topics course appropriate for the minor, which will be included in the pre-registration mailing. Qualified students also may enroll in certified graduate-level courses for minor credit, with permission of the instructor; please contact the Department of Modern Languages and Linguistics Undergraduate Office or the director of the minor for details.

Requirements for a Minor in Middle Eastern Studies

A minor in Middle Eastern studies is concerned with the cultures of the Middle East from ancient times to the present. Utilizing the resources of various EFL departments and programs, it allows students to study the region from an interdisciplinary perspective. The minor can provide a Middle East focus for work in another discipline, build a foundation necessary for advanced degrees in Middle Eastern studies, and enable those planning to work in the region to gain an understanding of its cultures. The minor consists of fifteen (15) semester hours and must include intermediate (2220 level) competence in Hebrew (biblical or modern), Arabic, or another Middle Eastern language approved by the committee. The remaining required hours must come either from the courses listed in the FSU Bulletin or be approved by an adviser. No more than eight (8) semester hours of language courses may be counted toward the minor, and no course taken for the minor may be used to fulfill any University language requirement. A list of approved courses may be obtained from the departmental undergraduate office, 364 DIF.

Requirements for a Minor in World Literature/World Film

The minor will consist of fifteen (15) semester hours. The student may select five courses from any of the following: CHT 3391r, 3930; FRT 3140, 3561; FRW 3391r; GET 3130; GEW 3391r, ITT 3430; ITW 3391r; JPT 3391r; PRT 3391r; RUT 3110; RUW 3391r; SPT 3130; SPW 3391r. Courses taken for major credit in modern languages may not be counted toward this minor.

Definition of Prefixes

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Language/Field</th>
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<tr>
<td>ARA</td>
<td>Arabic</td>
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<td>CHI</td>
<td>Chinese</td>
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<tr>
<td>CHT</td>
<td>Chinese Literature in Translation</td>
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<td>CZE</td>
<td>Czech Language</td>
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<tr>
<td>FOL</td>
<td>Foreign and Biblical Languages (i.e. Hebrew)</td>
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<td>FOW</td>
<td>Foreign and Biblical Languages, Comparative Literature (Writings)</td>
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<td>FRE</td>
<td>French Language</td>
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<td>FRT</td>
<td>French in Translation</td>
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<td>FRW</td>
<td>French Literature (Writings)</td>
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<td>GER</td>
<td>German</td>
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<td>GET</td>
<td>German Literature in Translation</td>
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<td>GEW</td>
<td>German Literature (Writings)</td>
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<td>HBR</td>
<td>Modern Hebrew Language</td>
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<td>ITA</td>
<td>Italian Language</td>
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<td>ITT</td>
<td>Italian Literature in Translation</td>
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<td>ITW</td>
<td>Italian Literature (Writings)</td>
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<td>JPN</td>
<td>Japanese</td>
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<td>JPT</td>
<td>Japanese Literature in Translation</td>
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<td>KOR</td>
<td>Korean Language and Literature</td>
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<td>LIN</td>
<td>Linguistics</td>
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<td>POR</td>
<td>Portuguese Language</td>
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<td>PRT</td>
<td>Portuguese in Translation</td>
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<td>POW</td>
<td>Portuguese Literature (Writings)</td>
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<td>RUS</td>
<td>Russian Language</td>
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<td>RUT</td>
<td>Russian Literature in Translation</td>
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<td>RWU</td>
<td>Russian Literature (Writings)</td>
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<td>SEC</td>
<td>Serbo-Croatian Language</td>
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<td>SLL</td>
<td>Slavic Languages</td>
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<td>SPN</td>
<td>Spanish Language</td>
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<td>SPT</td>
<td>Spanish Literature in Translation and/or Translation Skills</td>
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<tr>
<td>SPW</td>
<td>Spanish Literature (Writings)</td>
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</table>

All language and literature courses are taught primarily in the foreign language with the exception of courses in literature in translation and in film.

Undergraduate Courses

Note: Graduate students wishing to take those 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 (4). For students who have no previous knowledge of modern standard Arabic. 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 2220 or by native speakers.
ARA 1120. Elementary Arabic II (4). Prerequisite: ARA 1120. Extended vocabulary and grammar, as well as basic conversation are emphasized. Students start conversing, reading, and writing in Arabic. Prerequisites introduced in ARA 1120 are further emphasized in this course. May not be taken concurrently with ARA 1120 and/or 2220 or by native speakers.

ARA 2220. Intermediate Arabic (4). Prerequisite: ARA 1121. Students in this course should have taken 2 semesters of Arabic in college or the equivalent. 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 will participate in cultural activities, write compositions, and give oral presentations in class. May not be taken concurrently with ARA 1121, 2220 and/or 2300.

CHT 3930r. Topics in Chinese literature (3). Prerequisite: CHI 1120 or its equivalent. The skills introduced in CHI 1120 are further emphasized in this course, including speaking, listening, and reading. May not be taken by native speakers. May not be taken concurrently with CHI 1120, 2220 and/or 2300.

CHI 2220. Intermediate Chinese (4). Prerequisite: CHI 1120 or equivalent. May not be taken by native speakers. Emphasizes reading and writing and introduces more of the essential Chinese grammar. The course will be devoted to learning Chinese characters in both recognition and production levels. May not be taken concurrently with CHI 1120, 2220 and/or 2300.

CHI 2300. Chinese Grammar and Composition (4). Prerequisite: CHI 1121 or permission of instructor. This course is designed to prepare students for proficiency in the context of business activities that require not only adequate language skills at the intermediate-high level but also adequate knowledge of socio-cultural customs in China. May be repeated when content changes to a maximum of six (6) semester hours.

CHI 3501. Readings in Chinese Short Stories and Essays (3). Prerequisite: CHI 2220 or equivalent. Introduction of selected materials in modern Chinese literature. The course objectives are to train students to be able to read some carefully chosen original works and to bring to students’ awareness various cross-cultural differences.

CHI 4503. Readings in Chinese History (3). Prerequisite: Instructor’s permission. A sketch of Chinese history is introduced. Students are taught to read the text in Chinese so they will be able to expand their vocabulary to include those words necessary to understand Chinese culture and tradition.

CHI 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.

FRE 1120. Elementary French I (4). Oral comprehension, speaking, reading, and writing are stressed. May not be taken by native speakers. May not be taken concurrently with FRE 1121, 2221, or 2222. Coreq: FRE 3420. French Phonetics (3). Prerequisite: FRE 2211 or equivalent. Development of French pronunciation and corresponding skills appropriate to business transactions in such areas as sales, finance, transportation, management, etc.

FRE 2220. Intermediate Conversation (4). Prerequisite: FRE 2211 or permission of instructor. This course is designed to provide a core language course for students to take the first of two years of intermediate French. Topics range from the 19th century American awe at French achievements in fiction and painting to the ever increasing American influence on France’s literary and visual art.

FRE 1121. Elementary French II (4). Prerequisite: FRE 1120 and/or 2211. Further emphasis on oral comprehension, reading, speaking, and writing. May not be taken concurrently with FRE 1120 and/or 2211.

FRE 2211. Intermediate French Readings (4). Prerequisite: FRE 2211 or equivalent. Completion of University language requirement for baccalaureate degree. May not be taken by native speakers. Rapid review of basic French structures and introduction of some of the finer points of French grammar. May be taken concurrently with FRE 2211.

FRE 2220. Reading and Conversation (4). Prerequisite: FRE 2211 or equivalent. Expansion of French reading skills while introducing the student to oral expression through a discussion of selected topics. May not be taken by native speakers. May not be taken concurrently with FRE 1120 and/or 2211.

FRE 3241. French Grammar and Composition I (3). Prerequisite: FRE 2221 or its equivalent. An in-depth study of French grammar emphasizing some subtleties of written expression.

FRE 3421. French Grammar and Composition II (3). Prerequisite: FRE 2221 or its equivalent. Further study of the subtleties of written expression in French language.

FRE 3440. Commercial French (3). Prerequisites: FRE 2211 and 3420. Develops language and correspondence skills appropriate to business transactions in such areas as sales, finance, transportation, management, etc.

FRE 3441. Directed Individual Study (3). Prerequisite: Students with a thorough grounding in French grammar, aims at developing writing ability through the reading of a variety of sophisticated French prose works and the composition of essays based on these model texts.

FRE 4505r. 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.

FRE 4420r. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise.

FRE 4422. Intermediate Advanced French (1-6). Prerequisite: Advanced standing in French. Provides academic credit for students working in governmental agencies or private business where students employ the foreign language. May be repeated to a maximum of six (6) semester hours.

FRE 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.

FRE 4930r. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours.

FRE 4935r. Internship in Applied French (1-6). (S/U grade only.) Prerequisite: Advanced standing in French. 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.

FRE 4942r. Internship in Applied French (1-6). (S/U grade only.) Prerequisite: Advanced standing in French. 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.

FOL 4901r. Tutorial in Modern Languages, Literatures or Linguistics (1-6). (S/U grade only.) Prerequisites: Junior status or command of language; instructor’s permission. A maximum enrollment of six (6) students. Topics range from the transition from the 19th century American awe at French achievements in fiction and painting to the ever increasing American influence on France’s literary and visual art.

FOL 3401. Masterworks of French Literature in Translation (3). A survey of selected masterpieces of French literature, ranging from the Middle Ages to the present. The readings and instruction are in English. Can be used for minor credit in French with permission of the coordinator.

FRT 3851. French Women Writers (3). Prerequisite: ENC 1101, 1121, or equivalent. Course addresses issues of race, gender, and class in a selection of works written by prominent French/frenchophone writers. Taught in English. Can be used for minor credit with permission of the coordinator.
French and Francophone Literatures, Cultures, and Civilizations

FRW 3100. Survey of French Literature: Origins Through 18th Century (3). Prerequisite: FRE 2220. FRE 3420 or 3421 is also recommended. An introduction to the study of early-modern French literature by reading and discussing works representative of the various schools and movements of the period, fall semester. 

FRW 3101. Survey of French Literature: 19th Century through the Present (3). Prerequisite: FRE 2220, FRE 3420 or 3421; FRW 3100 or permission of instructor. An introduction to the study of modern French literature by reading and discussing works representative of the various schools and movements of the period, spring semester. 

FRW 3391r. French Cinema (3). Study of the movements and directors of French cinema with emphasis on the postwar New Wave. May be repeated to a maximum of six (6) semester hours. Three (3) hours may be used for major or minor credit with permission of the instructor. 

FRW 4420r. Advanced Composition (3). Prerequisite: Two 3000-level courses with the GER prefix. Course objective: ability to write with a developed personal style in German on intellectually demanding topics, including literary genres. Near mastery of German grammar is a prerequisite. The course is conducted in German. 

FRW 4480r. Modern German of the News Media (3). Prerequisite: Two 3000-level courses or permission of instructor. An advanced-level skills course. Discussion of current events and mass media in German-speaking countries and work with authentic texts (newspapers and audio- and videotapes). 

GER 4090r. Directed Individual Study (3). Students arrange with individual faculty members to undertake study outside the regular curriculum. May be repeated to a maximum of nine (9) semester hours. 

GER 4091r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, with permission of the department. All honors work is directed by the student’s honors committee. May be repeated to a maximum of six (6) semester hours. 

GER 4110. The Culture of the Weimar Period. May be repeated to a maximum of nine (9) semester hours. 

GER 4390r. Special Topics (3). Prerequisite: GER 3310 or 3400, or permission of instructor. May be repeated to a maximum of six (6) semester hours. 

GER 4420r. Advanced Composition (3). Prerequisite: GER 2220. Course objective: ability to write with a developed personal style in German on intellectually demanding topics, including literary genres. Near mastery of German grammar is a prerequisite. The course is conducted in German. 

GER 4480r. Modern German of the News Media (3). Prerequisite: Two 3000-level courses or permission of instructor. An advanced-level skills course. Discussion of current events and mass media in German-speaking countries and work with authentic texts (newspapers and audio- and videotapes). 

GER 4090r. Directed Individual Study (3). Students arrange with individual faculty members to undertake study outside the regular curriculum. May be repeated to a maximum of nine (9) semester hours. 

GER 4091r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, with permission of the department. All honors work is directed by the student’s honors committee. May be repeated to a maximum of six (6) semester hours. 

GER 4420r. Advanced Composition (3). Prerequisite: Two 3000-level courses with the GER prefix. Course objective: ability to write with a developed personal style in German on intellectually demanding topics, including literary genres. Near mastery of German grammar is a prerequisite. The course is conducted in German. 

GER 4480r. Modern German of the News Media (3). Prerequisite: Two 3000-level courses or permission of instructor. An advanced-level skills course. Discussion of current events and mass media in German-speaking countries and work with authentic texts (newspapers and audio- and videotapes). 

GER 4090r. Directed Individual Study (3). Students arrange with individual faculty members to undertake study outside the regular curriculum. May be repeated to a maximum of nine (9) semester hours. 

GER 4091r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, with permission of the department. All honors work is directed by the student’s honors committee. May be repeated to a maximum of six (6) semester hours.
Prerequisite: ITA 1120 or its equivalent. This course builds upon the student’s ability to speak, understand, read, and write Italian at an elementary level. May not be taken by native speakers. May not be taken concurrently with ITA 1111, 1121, 2220 and/or 2300.

ITA 1121. Elementary Italian II (4). Prerequisite: ITA 1120 or its equivalent. This course continues to develop the student’s ability to speak, understand, read, and write Italian at an elementary level. May not be taken by native speakers. May not be taken concurrently with ITA 1111, 1121, 2220 and/or 2300.

ITA 2220. Reading and Conversation (4). Prerequisite: ITA 1111 or 1121. Studies skills in reading and writing in Italian at the second-year level. Readings are supported by discussions of the materials. This course completes the baccalaureate degree requirement. May not be taken concurrently with ITA 1111, 1121, 2220 and/or 2300. May not be taken by native speakers.

ITA 2240. Conversation (3). Prerequisite: ITA 2220. May not be taken by native speakers. This course stresses development of conversational skills at the third-year level.

ITA 3420. Grammar and Composition (3). Prerequisite: ITA 2220 or 2300. This course presents a review of fundamental grammar and idiomatic constructions. Composition practice augments the skills developed.

ITA 3440. Business Italian (3). Prerequisite: ITA 2220, 2300, or equivalent. This course introduces current Italian business formats and provides practice in commercial correspondence with its idiomatic and technical vocabulary.

ITA 3849r. Directed Individual Tutorial Practice (3). Prerequisite: ITA 1111, 1120, 1121, 1130, or equivalent. This course develops skilled undergraduate tutors for the Dartmouth method ITA 1110/1111 sequence. May be repeated to a maximum of six (6) semester hours.

ITA 4410r. Advanced Italian Conversation (3). Prerequisites: ITA 3420, 3421, or their equivalents. The course is designed to develop fluency in conversation skills at the fourth-year level by means of extensive vocabulary building and practice.

ITA 4450r. Grammar and Composition (3). Prerequisite: ITA 3421 or equivalent. This course stresses the morphological and syntactical order of Italian by means of extensive drill in controlled and free composition.

ITA 4500s. Italian Culture and Civilization (3). Prerequisite: ITA 3100, 3101, or equivalent. The course surveys Italian culture and civilization and provides a historical perspective to aspects of Italian society.

ITA 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.

ITA 4930r. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours.

ITA 4935r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours.

ITA 4940r. 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.

ITAL 3430. Masterpieces of Italian Literature in Translation (3). After a brief overview of history of Italian literature, this course offers discussion and analysis of English translations of novels, short stories, and plays by such figures as Dante, Boccaccio, Machiavelli, Goldoni, Leopardi, Manzoni, Pirandello, Deledda, Moravia, and Pavese. May be counted for major or minor credit.

ITAL 3450s. History of Italian Literature (3). Prerequisites: ITA 3100, 3101, or their equivalents. This course is an introduction to literary history, focusing on the development of the Italian language and literature from Roman time to the Age of Romanticism with specific reference to Medieval and Renaissance culture; the Italian miracle of the postwar period; the North/South Question; the “Made in Italy” image; and aspects of Italian society. May be repeated to a maximum of nine (9) semester hours.

ITAL 4410s. Advanced Italian Conversation (3). Prerequisites: ITA 3420, 3421, or their equivalents. The course is designed to develop fluency in conversation skills at the fourth-year level by means of extensive vocabulary building and practice.

ITAL 4450s. Grammar and Composition (3). Prerequisite: ITA 3421 or equivalent. This course stresses the morphological and syntactical order of Italian by means of extensive drill in controlled and free composition.

ITAL 4500s. Italian Culture and Civilization (3). Prerequisite: ITA 3100, 3101, or equivalent. The course surveys Italian culture and civilization and provides a historical perspective to aspects of Italian society.

ITAL 4905s. 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.

ITAL 4930s. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours.

ITAL 4940s. 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.

ITAL 3941r. Directed Individual Tutorial Practice (3). May not be taken by native speakers. This course can be taken by students who are not native speakers. May be repeated to a maximum of nine (9) semester hours.

ITAL 4905s. 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.

ITAL 4930s. Special Topics (3). May not be taken by native speakers. This course can be taken by students who are not native speakers. May be repeated to a maximum of six (6) semester hours.

ITAL 4940s. 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.

ITAL 5331r. Japanese Film and Culture (3). This course is for students interested in Japanese film and culture in translation. Students learn the skills of analyzing films and come to understand the development of Japanese film and culture in translation. Students are taught to write sophisticated Japanese. May be repeated to a maximum of two (2) semester hours.

ITAL 5402r. Japanese Calligraphy (1). Prerequisite: ITA 1120 or its equivalent. This course is designed to teach beginning students how to write the Japanese kana syllabaries and kanji properly according to the stroke order. The art of sumi writing is also introduced. May be repeated to a maximum of two (2) semester hours.

Korean

KOR 1121. Elementary Korean I (3). Prerequisite: KOR 1120 or its equivalent. This course continues to emphasize speaking and listening, as well as reading and writing skills. The course introduces basic conversational skills and the rudiments of the Korean language. May be taken by native speakers. May not be taken concurrently with KOR 1120 and/or 2220.

KOR 2220. Reading and Conversation (4). Prerequisite: KOR 1121 or equivalent. May not be taken by native speakers. This course continues to develop the student’s ability to speak, understand, read, and write Korean at an intermediate level. May be repeated to a maximum of six (6) semester hours.

KOR 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 nine (9) semester hours.

Linguistics

Note: All linguistics courses taken for Spanish major credit must be taken through the Department of Modern Languages and Linguistics.

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) or the major in linguistics. May not be taken by native speakers.

LIN 4030. Introduction to Historical Linguistics (3). This course is designed to familiarize students with the world language families, notions of relatedness, sound correspondence, comparative method, internal reconstruction, and the reconstruction of the Proto Indo-European languages. Several theories of sound change are also discussed.

LIN 4040. Introduction to Descriptive Linguistics (3). This course attempts to develop an understanding of the organization of language and 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 introduce students to the modern theory of syntax. Students are taught the mechanics of syntactic theories dating from the late 1960s 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 4930r. Topics in Linguistics (3). Students arrange with individual faculty members to undertake study in areas outside the regular curriculum.
Modern Languages and Literatures

Portuguese (Brazilian)

POR 1120. Elementary Portuguese I (4). A first semester course in Portuguese for beginning students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context. Basic grammar skills are also introduced.

POR 1121. Elementary Portuguese II (4). Prerequisite: POR 1120. A second semester course in Portuguese for beginning level students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

POR 2220. Intermediate Portuguese (4). Prerequisites: POR 1120, 1121. A third semester course in Portuguese for intermediate level students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

POR 3140. Portuguese for Advanced Students of Spanish I (3). Prerequisite: a 3000-level course in Spanish (completed or concurrent enrollment) or permission of instructor. An intensive course in Brazilian Portuguese for advanced students of Spanish. This course is based on a positive transfer of applicable linguistic structures of Spanish, avoidance of negative transfer, and concentration on structures unique to Portuguese. Understanding, speaking, reading, and writing skills are practiced.

POR 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.

POR 4930r. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours.

PRT 3391r. Brazilian Literature and Film in Translation (3). An overview of the works of prominent Brazilian writers from Machado de Assis to the present and films from Black Orpheus to the present. Counts toward major or minor in Latin American and Caribbean studies, as well as minors in Portuguese and world literature/world film. May be repeated to a maximum of six (6) semester hours.

Russian

Russian Language

RUS 1120. Elementary Russian I (4). Introduction to basic Russian. Students with high school language experience or equivalent should consult the department for placement. May not be taken by native speakers. May not be taken concurrently with RUS 1121 and/or 2220.

RUS 1121. Elementary Russian II (4). Prerequisite: RUS 1120 or its equivalent. Continuation of RUS 1120. May not be taken by native speakers. May not be taken concurrently with RUS 2220 and/or 2220.

RUS 2220. Intermediate Russian (4). Prerequisite: RUS 1121 and equivalent. Grammar, reading, and conversation. May not be taken by native speakers. May not be taken concurrently with RUS 1120 and/or 1121.

RUS 2330. Russian Grammar and Popular Culture (3). Co- or prerequisite: RUS 2220. This multimedia course offers a thorough overview of grammar and basic cultural literacy. Language structures are studied through popular fiction and film genres. Students produce a short film in Russian.

RUS 3240. Reading and Conversation (3). Prerequisite: RUS 2220 or equivalent. Oral expression is emphasized.

RUS 3400. Conversation and Composition (3). Prerequisite: RUS 2220 or equivalent. Oral expression, writing practice, and review of grammar.

RUS 3420. Russian Grammar and Composition (3). Prerequisite: RUS 2220 or equivalent. Development of writing and grammar skills.

RUS 4110. Advanced Russian Conversation (3). Prerequisite: RUS 3400. Styles and levels of oral expression on a wide range of topics.

RUS 4421. Advanced Russian Grammar and Composition (3). Prerequisite: RUS 3420. Development of writing and grammar skills.

RUS 4780. Phonetics (3). Prerequisite: RUS 2220 or consent of instructor. An understanding of the phonetic and phonemic structure of Russian with extensive oral practice.

RUS 4840. History of the Russian Literary Language (3). Prerequisite: RUS 3420 or equivalent. The development of the phonological and grammatical systems from its earliest records to the present.

RUS 4865r. 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.

RUS 4865r. Special Topics (3). May be repeated to a maximum of twelve (12) semester hours for the major. Only three (3) semester hours taken in any summer session count for the major.

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). (S/U grade only.) Prerequisite: Advanced standing in Russian. Provides academic credit for students working in governmental agencies or private businesses employing 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 3504. Modern Russian Life (3). An overview of current social and cultural issues in Russia, including the legacy of the Soviet period, the relationship between literature and daily life, women’s issues, ecology, mass media, and the efforts of the country to define itself in its new setting and role. No knowledge of Russian is required. May count toward the Slavic (Russian) major. Taught in English.

RUT 3800. Introductory Russian to English Translation (3). Essentials of translation techniques. Requires knowledge of “B” or better in RUS 2220 (or equivalent) or permission of the instructor.

RUT 3801r. Advanced Russian to English Translation (3). Prerequisite: Successful completion of RUS 3460 (or equivalent) or permission of the instructor. Practicum in translation of contemporary publicistic prose. May be repeated to a maximum of six (6) semester hours.

Russian Literature (Writing)


RUW 3391r. Russian Cinema (3). Viewing and discussion of major Soviet and contemporary films. Credit may be applicable to the Russian major. Knowledge of Russian is not required. May be repeated when content varies to a maximum of six (6) semester hours.

RUW 4370. Russian Short Story and Poet (3). Prerequisite: RUW 3100, 3101, or equivalent. An intensive study of the short story and of major poets of Russian literature. May be repeated to a maximum of nine (9) semester hours.

Serbo-Croatian

SEC 4055r. 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.

Slavic

SLL 3500. Slavic Culture and Civilization (3). This course examines the Slavic peoples, their cultures and traditions, from prehistory to present day. Novels and film give students a perspective from the “inside.” Taught in English.

SLL 4350. The Slavic Vampire (3). This course is an exploration of the myth of the Vampire, from its origins in Slavic folklore to its appropriation by the West. It examines why the Vampire has endured not only in Eastern Europe but also in the Western imagination. Taught in English.

SLL 4505r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

Spanish

Spanish Language

SPN 1120. Elementary Spanish I (4). This course is the first of a three-semester sequence of courses for students with no prior knowledge of the Spanish language, either at the high school or native level. Understanding, speaking, reading, and writing skills are practiced.

SPN 2220. Intermediate Spanish II (3). Prerequisite: SPN 1120 or its equivalent. Continuation of SPN 1120. May not be taken by native speakers. May not be taken concurrently with SPN 1121, 1124, and/or 2220. May not be taken by native speakers. May not be taken concurrently with SPN 1120, 1124, and/or 2220.

SPN 2240. Intermediate Spanish II (3). Prerequisite: SPN 2220 or equivalent. An intermediate-level course in Spanish emphasizes oral communication and grammatical expertise, as well as listening comprehension. Students will read short texts and write paragraphs and short compositions in Spanish. May not be taken concurrently with SPN 1121, 1124, and/or 2220. May not be taken by native speakers. Some sections may be computer-assisted.

SPN 3332. Communication in Language and Culture I (3). This is a one-semester course designed for those students who have had at least two (2) years of high school Spanish (or the equivalent), but who do not feel ready to go directly into SPN 2220 Intermediate Spanish. May not be taken concurrently with SPN 1121, 1124, and/or 2220. May not be taken by native speakers. May not be taken concurrently with SPN 1120, 1124, and/or 2220.

SPN 3333. Communication in Language and Culture II (3). Prerequisite: SPN 2220 or permission of instructor. This course uses an integrated skills approach to develop an understanding of Hispanic culture and to extend the growth of communicative proficiency in Spanish. May not be taken concurrently with SPN 1120, 1124, and/or 1121. May not be taken by native speakers.

SPN 3334. Language and Culture in Business (3). Corequisite: SPN 3333 or permission of instructor. This is an intermediate-level 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.
An introduction to the rich literary traditions of Iberian and Spanish America, nineteenth-century nation identities, and Modernismo/Generacion del 27. This course also aims to improve their basic communicative skills in Spanish.

SPW 4491.* Special Topics in Hispanic Languages and Literature (3). Prerequisites: Two SPW 3000-level courses or equivalent. Variable topics chosen from Spanish language movements, periods, figures, and problems. May be repeated to a maximum of six (6) semester hours.

SPW 4301r. Hispanic Culture and Performance (3). Prerequisites: Two 3000-level literature courses or permission of instructor. The study of dramatic works or performances from a Spanish-American perspective. May be repeated to a maximum of six (6) semester hours.

SPW 4481r. Hispanic Cinema (3). Prerequisites: SPW 3333 or 3350. Letter writing, business correspondence, and minor. Taught in English.

SPN 3310. Spanish Literature in Translation (3). An introduction to the rich literary traditions of Spain through the study of major works and writers of Spain's literary history. Students also learn important aspects of Spanish culture. The course is conducted in English.

SPN 4391r. 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 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 narratives, myths, poetry, fiction, essays, or popular music. May be repeated to a maximum of six (6) semester hours.

SPN 4740. Hispanic Sociolinguistics (3). Prerequisite: SPW 3333 or 3350, 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 narratives, myths, poetry, fiction, essays, or popular music. May be repeated to a maximum of six (6) semester hours.

SPN 3300. 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 both language and critical thinking skills, understanding of Hispanic cultures, and interpretation of Hispanic literature.

SPN 3104. Readings from Modern Spain (3). Prerequisite: SPW 3030. This course provides students, through a variety of readings and written and oral activities, with a fundamental knowledge of the historical issues related to the early Iberian peninsula, from approximately 1000 to 1700 A.D. Such topics may include medieval multiculturalism, the cultural role of the Church, and culture in an age of territorial expansion.

SPN 4390r. Directed Individual Study in Hispanic Language (3). The approval of the faculty member, the divisional coordinator, the Associate Chair for Undergraduate Studies, and the department chair is required. The student and the faculty member will meet each week. May be repeated to a maximum of six (6) semester hours.

SPN 4480r. 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.

SPN 5595r. French and Francophone Literatures, Cultures and Civilizations (3). Prerequisites: Two SPW 3000-level literature courses or permission of instructor. The study of dramatic works or performances from a Spanish-American perspective. May be repeated to a maximum of six (6) semester hours.

FP 5595. Tutorial in French (1–5). (S/U grade only.) Prerequisite: Advanced standing in Spanish. Provides academic credit for students working in governmental agencies or private enterprise where students employ the foreign language. Departmental permission required. May be repeated to a maximum of six (6) semester hours.

French and Francophone Languages

FOL 5934r. Problems and Studies in Modern Languages and Literature (3). Taught in French or Spanish.

FOL 6735. Romance Linguistics (3). Taught in French or Spanish.

French Literature in Translation

FRE 5555. Immigration and National Identity in France (3). Taught in French or Spanish.

FRE 5122. Readings from Early Spanish America (3). Prerequisite: SPW 3030 or permission of instructor. This course is a multi-genre introduction to literary analysis. It seeks to further develop both language and critical thinking skills, understanding of Hispanic cultures, and interpretation of Hispanic literature.

FRE 3122. Readings from Early Spanish America (3). Prerequisite: SPW 3030 or permission of instructor. This course is a multi-genre introduction to literary analysis. It seeks to further develop both language and critical thinking skills, understanding of Hispanic cultures, and interpretation of Hispanic literature.

FP 5025. Critical Theory and Its Application to Non-English Literatures (3). Taught in French or Spanish.

FRE 4546. Comparative Stylistics (3). Taught in French or Spanish.

FRE 4509r. Directed Individual Study (3). Taught in French or Spanish.

FRE 5109r. Supervised Research (1–5). Taught in French or Spanish.

FRE 5944. Hispanic-American Women Writers (3). Prerequisites: Two 3000-level literature courses. This course focuses on the reading, discussion, and analysis of texts by Hispanic-American women writers, varying from year to year, focusing on prose fiction, non-fiction and/or drama. Taught in French or Spanish.

FRE 4506. Directed Individual Study (1–5). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5456. Comparative Stylistics (3). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5944. Hispanic-American Women Writers (3). Taught in French or Spanish.

FRE 5755. Old French (3). Taught in French or Spanish.

FRE 5756. Reading in Old French Language (3). Taught in French or Spanish.

FRE 5940r. Teaching Practicum (0–5). Taught in French or Spanish.

FRE 6925r. Tutorial in French (0–2). Taught in French or Spanish.

FRE 5122. Readings from Early Spanish America (3). Prerequisite: SPW 3030 or permission of instructor. This course is a multi-genre introduction to literary analysis. It seeks to further develop both language and critical thinking skills, understanding of Hispanic cultures, and interpretation of Hispanic literature.

FRE 4509r. Directed Individual Study (3). Taught in French or Spanish.

FRE 5109r. Supervised Research (1–5). Taught in French or Spanish.

FRE 5944. Hispanic-American Women Writers (3). Taught in French or Spanish.

FRE 4506. Directed Individual Study (1–5). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5456. Comparative Stylistics (3). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5944. Hispanic-American Women Writers (3). Taught in French or Spanish.

FRE 5755. Old French (3). Taught in French or Spanish.

FRE 5756. Reading in Old French Language (3). Taught in French or Spanish.

FRE 5940r. Teaching Practicum (0–5). Taught in French or Spanish.

FRE 6925r. Tutorial in French (0–2). Taught in French or Spanish.

French Literature in Translation

FRE 5555. Immigration and National Identity in France (3). Taught in French or Spanish.

FRE 4546. Comparative Stylistics (3). Taught in French or Spanish.

FRE 4509r. Directed Individual Study (3). Taught in French or Spanish.

FRE 5109r. Supervised Research (1–5). Taught in French or Spanish.

FRE 5944. Hispanic-American Women Writers (3). Taught in French or Spanish.

FRE 4506. Directed Individual Study (1–5). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5456. Comparative Stylistics (3). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5944. Hispanic-American Women Writers (3). Taught in French or Spanish.

FRE 4506. Directed Individual Study (1–5). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5456. Comparative Stylistics (3). Taught in French or Spanish.

FRE 5069r. Directed Research in French (1–5). Taught in French or Spanish.

FRE 5944. Hispanic-American Women Writers (3). Taught in French or Spanish.

FRE 4506. Directed Individual Study (1–5). Taught in French or Spanish.
Modern Languages and Linguistics

FRW 5598r. Studies in 20th-Century Pre-War (1900–1940) French Literature: Figure or Movement and/or Genre (3).
FRW 5599r. Studies in 20th-Century Post War (1940) French Literature: Figure or Movement and/or Genre (3).
FRW 5745. French Literature of Quebec (3).
FRW 5775r. Black Literature of French Expression (3).
FRW 5906r. Directed Individual Study (3). (S/U grade only.)
FRW 5910r. Supervised Research (1–5). (S/U grade only.)
FRW 6938r. Graduate Seminar in French Literature (3).

German

German Language
GER 5060. Graduate Reading Knowledge in German (3). (S/U grade only.)
GER 5069r. Reading Knowledge Examination (0). (S/U grade only.)
GER 5425. Essay Workshop (3).
GER 5906r. Studies in German Languages and Literature (3).
GER 5940r. Teaching Practicum (0–5). (S/U grade only.)
GER 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

German Literature in Translation
GET 5135. German Literature in Translation (3).
GET 5525r. German Cinema (3).
GET 5588r. Studies in a Theme (3).

German Literature (Writings)
GEW 5208r. Studies in a Genre (3).
GEW 5596r. Studies in an Author or Movement (3).
GEW 5597r. Studies in a Period: Special Topics (3).
GEW 5906r. Directed Individual Study (3). (S/U grade only.)
GEW 5915r. Supervised Research (1–5). (S/U grade only.)

Italian

Italian Language
ITA 5060. Graduate Reading Knowledge in Italian (3). (S/U grade only.)
ITA 5069r. Reading Knowledge Examination (0). (S/U grade only.)
ITA 5455r. Advanced Italian Composition and Style (3).
ITA 5505r. Italian Culture and Civilization (3).
ITA 5900r. Studies in Italian Language and Literature (3).
ITA 5940r. Teaching Practicum (0–5). (S/U grade only.)
ITA 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Italian Literature (Writings)
ITW 5415. Italian Renaissance Literature (3).
ITW 5445r. 18th and 19th Century Italian Literature (3).
ITW 5485. 20th Century Italian Literature (3).
ITW 5486r. Readings in Contemporary Italian Prose (3).
ITW 5705r. The Trecento Writers (3).
ITW 5905r. Directed Individual Study (3). (S/U grade only.)
ITW 5910r. Supervised Research (1–5). (S/U grade only.)

Japanese

JPN 5900r. Studies in Japanese Language and Literature (3).
JPN 5906r. Directed Individual Study (3). (S/U grade only.)
JPN 5915r. Supervised Research (1–5). (S/U grade only.)
JPN 5940r. Teaching Practicum (0–5). (S/U grade only.)

Linguistics
LIN 5035. Historical/Comparative Linguistics (3).
LIN 5045. Descriptive Linguistics (3).
LIN 5510. Transformational Grammar (3).
LIN 5772. Computational Linguistics (3).
LIN 5908r. Directed Individual Study (3). (S/U grade only.)
LIN 5910r. Supervised Research (1–5).
LIN 5932r. Topics in Linguistics (3).

Portuguese (Brazilian)

Portuguese Language
POR 5069r. Graduate Reading Knowledge Examination: Portuguese (0). (S/U grade only.)
POR 5930r. Studies in Portuguese (Brazilian) Language and Literature (3).
POR 5940r. Teaching Practicum (0–5). (S/U grade only.)

Portuguese (Writings)
POW 5905r. Directed Individual Study (3). (S/U grade only.)
POW 5910r. Supervised Research (1–5). (S/U grade only)

Russian

Russian Language
RUS 5060r. Graduate Reading Knowledge in Russian (3). (S/U grade only.)
RUS 5069r. Reading Knowledge Examination (0). (S/U grade only.)
RUS 5415r. Graduate Russian Conversation and Comprehension (3). (S/U grade only.)
RUS 5455r. Russian Stylistics (3).
RUS 5705. Structure of Modern Language (3).
RUS 5845. History of the Russian Language and Reading of Old Russian Texts (3).
RUS 5940r. Teaching Practicum (0–5). (S/U grade only.)
RUS 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Russian Literature in Translation
RUT 5115. Seminar: Russian Literature in English Translation (3).

Russian Literature (Writings)
RUW 5335r. Russian Poetry (3).
RUW 5375. Russian Short Story (3).
RUW 5405. Old Russian Literature (3).
RUW 5559r. Seminar in 19th-Century Russian Language (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 5900r. 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.)

Slavic
SLL 5906r. Directed Individual Study (3). (S/U grade only.)
SLL 5915r. Supervised Research (1–5). (S/U grade only.)

Spanish

Spanish Language
SPN 5060. Graduate Reading Knowledge in Spanish (3). (S/U grade only.)
SPN 5069r. Reading Knowledge Examination (0). (S/U grade only.)
SPN 5795. Phonology of Spanish (3).
SPN 5805. Spanish Morphology and Syntax (3).
SPN 5845. History of the Spanish Language (3).
SPN 5855. Advanced Spanish Grammar and Composition (3).
SPN 5900r. Studies in Hispanic Language and Literature (3).
SPN 5940r. Teaching Practicum (0–5). (S/U grade only.)
SPN 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Spanish Literature (Writings)
SPW 5195r. Studies in Hispanic Literatures and Cultures (3).
SPW 5216. Spanish Golden Age Prose (3).
SPW 5269. Spanish 19th-Century Novel (3).
SPW 5275r. Spanish 20th-Century Novel (3).
SPW 5315. Spanish Golden Age Theater (3).
SPW 5325. Spanish 20th-Century Drama (3).
SPW 5337. Spanish Poetry through 1700 (3).
Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in motion picture, television, and recording arts satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following are the common course prerequisites or approved substitutions necessary for this degree program:

Motion Picture and TV Technology

1. FIL X401 History of Motion Picture I or FIL X400 History of Motion Picture
2. FIL X100 Film and Television Writing or any general screen or script-writing course

Requirements for a Major in Motion Picture, Television, and Recording Arts

This major emphasizes three areas: production skills, screenwriting, and interpretative analysis. Traditional classes in these areas will be supplemented with: 1) problem-solving seminars simulating entertainment business dilemmas; 2) laboratory courses in production techniques; and 3) screenings and workshops conducted by active film professionals.

Admission

This is a limited access program; therefore, admission is highly selective and highly competitive. Approximately 30 freshmen and transfer applicants are admitted each Fall as film majors. A student seeking to enter the program must offer an acceptable grade point average (GPA) usually above 3.0 and be eligible for admission to FSU. Freshmen majors will not enroll in film major classes prior to their sophomore year in order to concentrate full-time on fulfilling liberal studies requirements. Summer enrollment of freshmen could be required in order to complete twenty-seven (27) semester hours of the liberal studies requirements prior to continuing in the Fall as a sophomore. Admission into the film major as a transfer student requires that twenty-seven (27) semester hours of the liberal studies requirements be completed by Fall admission.

A separate application must be submitted directly to The Florida State University Office of Admissions, in addition to the application for admission to the College of Motion Picture, Television, and Recording Arts.

All applications to the Film School must include a 500–1,000 word essay describing the applicant’s background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two (2) letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all of these items will be treated as incomplete, and admission will be denied automatically.

Applicants are not permitted to submit portfolio items such as VHS tapes, DVDs, writing samples, photos, etc. The deadline for submitting an application to the undergraduate program is December 15th for students seeking admission in the Fall semester. Film School applications are available online at http://film.fsu.edu.
Grade Requirements

Film majors must maintain a “B” average in all major requirements.

Retention

All students must meet the University’s minimum retention standards, as well as the Film School’s professional Code of Conduct. In addition, a major in the Film School will depend on the development of each student’s talents, skills, professional discipline, and academic record. A student’s work and commitment are under continuous review, and any candidate who fails to maintain high standards will be dismissed from the program.

Probation and/or Dismissal

Film majors will adhere to the University Academic Honor System, Student Conduct Code, and Summons to Responsible Freedom.

At the end of each semester, the faculty and director will meet to discuss the work, behavior, grades, and progress of the majors. At that time, students may be notified of probation or dismissal by a letter stating their status, with an invitation to meet with the Associate Dean. In addition, a student may be placed on probation or dismissed at any time under the following circumstances:

1. Cumulative GPA falls below 3.0 in all major requirements resulting in a one-semester probation. Students will be reinstated in good standing if the cumulative major GPA rises to 3.0 by the end of the following semester. Failure to raise the GPA will result in dismissal from the program.

2. Attendance will be taken in all classes at the beginning of class. Anyone not in class at that time will be considered absent; anyone leaving class early may also be counted as absent. Approval of absences is up to the instructor and will require documentation to confirm the legitimacy of the absence.

3. Professional behavior is expected of film majors at all times. Therefore, behavior so negative, disruptive, or destructive as to compromise the work of fellow students or the effectiveness of the faculty and/or inability to work positively in a collaborative environment shall constitute grounds for probation or immediate dismissal without any prior period of probation. Peer evaluations may be considered in this evaluation process. A student on probation will be reinstated in good standing if, in the judgment of the faculty and the director, behavioral problems have been corrected. A student’s failure to correct problems will result in dismissal from the program.

4. Any unauthorized use, possession, or willful destruction of Film School equipment, facilities, film stock, or finished film will result in immediate notification to the proper authorities. The outcome of their decisions will determine the actions of the Film School with respect to the student(s) involved.

Liberal Studies Program

All undergraduates majoring in film are required to meet Florida State University’s liberal studies requirements as specified in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Film majors are also required to register for FIL 2001 Introduction to Film, (liberal studies fine arts credit) for Fall semester, and PHY 1075C Fundamentals of Physics, (liberal studies natural science credit) for Spring semester.

Transfer Students

Approximately 5 transfer students will be accepted into the College of Motion Picture, Television, and Recording Arts for admission each Fall semester, and they are required to have completed twenty-seven (27) semester hours of the liberal studies requirements prior to the Fall semester. Applications must be submitted separately to both The Florida State University Office of Admissions and the College of Motion Picture, Television, and Recording Arts. Applications are available online at http://film.fsu.edu. All applicants with an acceptable GPA (usually above 3.0) must submit a 500–1,000 word essay describing their background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two (2) letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all of these items will be considered incomplete, and admission will be denied automatically. All application materials must be received by the College of Motion Picture, Television, and Recording Arts by December 15th for the applicant to be considered for admission the following fall semester. Applicants are not permitted to submit portfolio items such as VHS tapes, DVD’s, writing samples, photos, etc. Transfer students must satisfy the same major requirements and curriculum as students who take all of their course work in the College of Motion Picture, Television, and Recording Arts.

Honors in the Major

The undergraduate Film School offers a program in honors in the major to encourage talented seniors to write a feature-length screenplay (or undertake independent and original research) as part of the bachelor of fine arts degree. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Health Insurance

Students seeking degrees in certain majors, including film, assume any exposure to the particular hazards associated with that major. As protection for our students, the Film School requires that majors present proof of health and accident insurance prior to registration in the Fall semester each year. Students are expected to maintain this insurance throughout their enrollment in the Film School. Registration will be administratively canceled at the end of the second week of classes for any students failing to provide proof of insurance.

Film Studies Minor in the College of Motion Picture, Television, and Recording Arts

Head of Film Studies Area: Dr. Frank P. Tomasulo

The film studies minor will give students the opportunity to select a program of study that examines the many facets of American and international cinema. The interdisciplinary nature of the program allows students to experience different approaches to film study: film and cultural differences, basic film vocabulary, film history, film and social forces, film genres, film theories, film directors, and film aesthetics. No production classes are offered in the film studies minor.

Requirements for a Minor in Film Studies

The interdisciplinary minor requires the completion of fifteen (15) semester hours in courses approved for film studies. All students are required to take either FIL 2001 Introduction to Film, FIL 2030 Film History, or FIL 2000 Elements of Film. The remaining hours may be selected from the film studies offerings. Courses counted toward the film studies minor cannot be counted toward the major.

For additional information on a film minor, please e-mail Marie Behm, academic advisor, at mbehm@film.fsu.edu.

Core Courses (One Required of All Minors)

FIL 2000 Elements of Film (3)
FIL 2001 Introduction to Film (3)
FIL 2030 History of Motion Pictures (3)

Other Film Studies Courses

ANT 4930 Special Topics in Anthropology: Anthropology through Film (3)
CHT 3391 Chinese Cinema and Culture (3)
ENG 3110 Film Genres (3)
ENG 4115 Film Theory (3)
FRW 3391r French Cinema (3)
GEW 3391r German Cinema (3)
HUM 3321 Multicultural Dimensions of Film and 20th-Century Culture (3)
ITW 3391r Italian Cinema (3)
JPT 3391 Japanese Film and Culture (3)
MEL 7110 Bioethics on Film (2–12)
PRT 3391 Brazilian Literature and Film in Translation (3)
Definition of Prefix
FIL—Film

Undergraduate Courses
FIL 201. 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 2030. History of Motion Pictures (3). Overview of international film as an industry, mass medium, and art form.
FIL 2110. Screenwriting I (3). Prerequisite: Majors only. Introduction to the basic techniques of screenwriting and storyboarding. Exercises in story structure, dialogue, and character development. Introduction to screenwriting and storyboarding computer software.
FIL 2423. Filmmaking I (3). Prerequisite: Majors only. Provides a basic understanding of film production technology, equipment operation, terminology, and techniques.
FIL 2533. Film Sound (3). Prerequisite: Majors only. Teaches the principles of sound and the basic practices required to edit a narrative motion picture.
FIL 3132. 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 3363r. Documentary Filmmaking I (4-6). 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 3433. Filmmaking II (3). Prerequisite: Majors only. Provides understanding of objective oriented acting techniques and develops effective methods for working with actors in rehearsal and on set.
FIL 3516. Film Camera and Lighting (3). Prerequisite: Majors only. Provides a theoretical and practical knowledge of all aspects of cinematography: cameras and lenses, filmstocks, exposure, lights, lighting, and composition.
FIL 3563. The Contemporary Cinema: Theory and Practice (3). Review and analysis of post-1950 motion pictures with emphasis on technique and industrial evolutions.
FIL 3833r. Film Styles (3-6). Prerequisite: Majors only. Analyzes motion picture form and content and the styles of selected filmmakers with emphasis on genres, narrative movements, and other topics of interest. May be repeated to a maximum of six (6) semester hours.
FIL 3832r. Film Genres and Filmmakers (1). Prerequisite: Majors only. Provides the opportunity to view historical and current films followed by discussions in an academic forum.
FIL 3303r. 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 3963. 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 3971r. 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 4135. Screenwriting III (3). Prerequisite: Majors only. Development of thesis script story ideas, treatments, character biographies, storyboards, step-outline, first drafts, and revisions of both original ideas and adaptations.
FIL 4160. Feature Screenwriting (3). Prerequisite: Majors only. Teaches aspects of feature screenwriting format, pitching ideas, creating and developing character, story, and dialogue.
FIL 4164. Feature Screenwriting: Development (3). Prerequisite: Majors only. Teaches the various techniques of scene breakdown, setting up, sequencing, character development, and dialogue development. Also teaches rewriting techniques to strengthen first drafts.
FIL 4434r. Advanced Filmmaking (3-9). Prerequisite: Majors only. Advanced principles and practice of making a short, sync-sound, 16 mm film. May be repeated to a maximum of nine (9) semester hours.
FIL 4474. 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 4539. 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 4567. Production: Advanced Editing (3). Prerequisite: Majors only. Offers advanced study in editing techniques and styles.
FIL 4602. 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 of a feature film; introduces current readings on the film industry.
FIL 4613. Film Exhibition and Advertising (3). Prerequisite: Majors only. To provide background in the marketing, advertising, and exhibition of film to audiences.
FIL 4653. Film Law (3). Prerequisite: Majors only. Provides an understanding 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 4654. Film Producing and Finance (3). Prerequisite: Majors only. Introduces the techniques necessary to create a responsible business approach for the production of motion pictures and to create a greater individual awareness of the motion picture producer as a career opportunity.

Graduate Courses
FIL 5021. History and Criticism I (3). (S/U grade only.) Prerequisite: Majors only. Provides a theoretical and practical knowledge of all aspects of cinematography: cameras and lenses, filmstocks, exposure, lights, lighting, and composition.
FIL 5155L. Screenwriting I: Techniques and Treatments (2–6). 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 5156L. Screenwriting 2: Narrative Techniques (2–6). Prerequisite: Majors only. Development of thesis script story ideas, treatments, character biographies, storyboards, step-outline, first drafts, and revisions of both original ideas and adaptations.
FIL 5157L. Screenwriting 3: Advanced Workshop (2–6). Prerequisite: Majors only. Teaches the various techniques of scene breakdown, setting up, sequencing, character development, and dialogue development. Also teaches rewriting techniques to strengthen first drafts.
FIL 5158L. Production Design Workshop (2–12). Prerequisite: Majors only. Advanced principles and practice of making a short, sync-sound, 16 mm film. May be repeated to a maximum of nine (9) semester hours.
FIL 5159L. Lighting Workshop (2–6). Prerequisite: Majors only. Introduces advanced lighting techniques and allows hands-on exercises emphasizing the creative use of lighting for mood and storytelling.
FIL 5160L. Production Design Workshop (2–12). Prerequisite: Majors only. Offers advanced study in editing techniques and styles.
FIL 5161L. Advanced Editing (3-9). Prerequisite: Majors only. Advanced principles and practice of making a short, sync-sound, 16 mm film. May be repeated to a maximum of nine (9) semester hours.
FIL 5164L. Feature Screenwriting: Development (3). Prerequisite: Majors only. Teaches the various techniques of scene breakdown, setting up, sequencing, character development, and dialogue development. Also teaches rewriting techniques to strengthen first drafts.
FIL 5165L. 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 5166L. 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 5167L. Production: Advanced Editing (3). Prerequisite: Majors only. Offers advanced study in editing techniques and styles.
FIL 5168L. Production Design Workshop (2–12). Prerequisite: Majors only. Offers advanced study in editing techniques and styles.
FIL 5174L. Advanced Editing (2–12). Prerequisite: Majors only. Teaches the various techniques of scene breakdown, setting up, sequencing, character development, and dialogue development. Also teaches rewriting techniques to strengthen first drafts.
FIL 5175L. Production Design Workshop (2–12). Prerequisite: Majors only. Provides an understanding 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 5176L. Film Business Planning (3). Prerequisite: Majors only. Provides a theoretical and practical knowledge of all aspects of cinematography: cameras and lenses, filmstocks, exposure, lights, lighting, and composition.
FIL 5177L. Film Law (3). Prerequisite: Majors only. Provides an understanding 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 5178L. Film Producing and Finance (3). Prerequisite: Majors only. Introduces the techniques necessary to create a responsible business approach for the production of motion pictures and to create a greater individual awareness of the motion picture producer as a career opportunity.
For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

**Motor Behavior:**
see Nutrition, Food and Exercise Sciences

**Movement Science:**
see Nutrition, Food and Exercise Sciences

**Multilingual/Multicultural Education:**
see Middle and Secondary Education

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**Program in Multinational Business Operations**

**College of Business**

**Program Director:** Gary Knight; **Professors:** Giunipero, Stepina; **Associate Professor:** Knight; **Assistant Professors:** Kim, Lee

The curriculum in international business leads to the development of critical thinking ability and analytical thinking skills pertaining to the issues that are faced by firms in the international marketplace, particularly those that relate to strategy formulation and implementation. As such, the international business curriculum furnishes students with the professional skills necessary to conduct international business operations.

The international business program builds upon the liberal studies program of the University and provides the core courses needed to satisfy this requirement. Undergraduate 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.

**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 3003** Foundations of Management Information Systems (3)
  - **MAN 3504** Services Operations Management (3)
  - **MAR 3700** Professional Selling (3)
  - **QMB 3200** Quantitative Methods for Business Decisions (3)
  - **REE 3043** Real Estate (3)
  - **RMI 3011** Risk Management/Insurance (3)

**Major Area Requirements**

The multinational business operations major area requirements include four (4) components: foreign language, area studies courses, study abroad experience, and multinational business major area courses. Students must select a particular global interest area: Latin America, Europe, or the Far East. The foreign language courses, area studies courses, and study abroad experience are required to provide students a background in the global interest area selected.

**Foreign Language (up to twelve [12] semester hours, depending on initial course placement)**

Students must complete a foreign language through the intermediate (2200 or equivalent) level. Students should choose the language based on their global interest area: Latin America—Spanish or Portuguese; Europe—French, German, or Italian; Far East—Chinese (Mandarin) or Japanese. Students may choose another language with permission of the program director.

**Area Studies Courses (twelve [12] semester hours)**

Students must complete four (4) area studies courses from the approved course list for their selected global interest area. The area studies courses complement the foreign language taken. The approved course list for area studies courses is available from the College of Business Undergraduate Programs Office.

**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 **STA X122** or **QMB X100**

**Note:** Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in multinational business operations satisfy this requirement by earning a grade of "C-" or higher in CGS 2100.

**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 **STA X122** 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.

**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 3003** Foundations of Management Information Systems (3)
  - **MAN 3504** Services Operations Management (3)
  - **MAR 3700** Professional Selling (3)
  - **QMB 3200** Quantitative Methods for Business Decisions (3)
  - **REE 3043** Real Estate (3)
  - **RMI 3011** Risk Management/Insurance (3)

**Major Area Requirements**

The multinational business operations major area requirements include four (4) components: foreign language, area studies courses, study abroad experience, and multinational business major area courses. Students must select a particular global interest area: Latin America, Europe, or the Far East. The foreign language courses, area studies courses, and study abroad experience are required to provide students a background in the global interest area selected.

**Foreign Language**

Students must complete a foreign language through the intermediate (2200 or equivalent) level. Students should choose the language based on their global interest area: Latin America—Spanish or Portuguese; Europe—French, German, or Italian; Far East—Chinese (Mandarin) or Japanese. Students may choose another language with permission of the program director.

**Area Studies Courses**

Students must complete four (4) area studies courses from the approved course list for their selected global interest area. The area studies courses complement the foreign language taken. The approved course list for area studies courses is available from the College of Business Undergraduate Programs Office.
Study Abroad Experience

Students must complete at least six (6) semester hours from a complementory FSU International Programs study abroad program (or other approved study abroad experience) located in their global interest area.

Multinational Business Major Courses

All multinational business operations majors must complete four (4) courses as listed below. A grade of “C–” or better must be earned in each course.

FIN 4604 Multinational Financial Management (3)
MAN 4605 Cross-Cultural Management (3)
MAR 4156 Multinational Marketing (3)

Plus one (1) elective from the following:
MAN 4610 Resources and World Enterprises (3)
MAN 4680R Selected Topics in International Management (3)

Definition of Prefixes

FIN—Finance
MAN—Management
MAR—Marketing

Undergraduate Courses

FIN 4604. Multinational Financial Management (3). Prerequisites: FIN 3244, 3403. Introduces the student to the financial management decision making in international environments through the use of cases, projects, and business games.


MAN 4605. Cross-Cultural Management (3). Prerequisite: MAN 3240. Course studies the unique issues of managing in non-native culture. Discusses management situations where members of more than one cultural group are included, along with strategies for maximum effectiveness in such situations.

MAN 4610. Resources and World Enterprises (3). Prerequisites: ECO 2013, 2023. Focuses on the economics and politics of world energy. Examines OPEC, the world oil industry, consuming countries, and alternative energy sources.

MAN 4631. International Strategic Management (3). Prerequisites: ECO 2013, 2023; MAN 3600. Course focuses on the international dimensions of strategic management, including environmental and political issues affecting global competition. Special emphasis is given to the multinational enterprise and strategic options available for effective world-wide competitive advantage.

MAN 4680R. Selected Topics in International Management (3). Prerequisites: ECO 2013, 2023; MAN 3600. Selected topics in international management. Topics will vary depending upon the instructor for the course. May be repeated to a maximum of six (6) semester hours.

MAR 4156. Multinational Marketing (3). Prerequisites: MAR 3023; MAN 3600. Introduces the student to marketing management decision making in international environments through the use of cases and/or business games.

Undergraduate Degrees

The following are the undergraduate degrees offered by the College of Music:

- Bachelor of music—performance (piano, piano pedagogy, organ, harpsichord, voice, strings [violin, viola, cello, double bass], woodwinds, brass, percussion, harp, guitar [classical])
- Bachelor of music—music theatre
- Bachelor of music—composition
- Bachelor of music—music theory
- Bachelor of music—music history and literature
- Bachelor of music—music therapy
- Bachelor of music education (choral, instrumental, general)
- Bachelor of arts in music

In addition to the bachelor of music (BM) and bachelor of music education (BME) degrees, the bachelor of arts (BA) degree in music is offered through the College of Music. The College of Music also provides a music minor for the divisions of the University that require a minor course of study.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in the music BA program satisfy this requirement by earning a grade of “C–” or higher in CIS 2060, CIS 2064, CIS 2100, CMS 3406, EME 2040, MUE 4690, or MUS 2360. Undergraduate majors in music teacher education satisfy this requirement by earning a grade of “C–” or higher in MUE 4690. Undergraduate majors in music composition, music history and literature, music performance, music theatre, music theory, and music therapy satisfy this requirement by earning a grade of “C–” or higher in MUS 2360.

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 entrance into the University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to entrance into the University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to entrance into the University degree program.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Music
1. MUT X111*, MUT X112*, MUT X116*, MUT X117*
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*
3. One course (four [4] semester hours) with the MUN prefix
4. Two to four (2–4) semester hours of MVx XX1X
5. Two to four (2–4) semester hours of MVx XX2X
6. Secondary piano* (proficiency by examination)

Music Composition
1. MUT X111*, MUT X112*, MUT X116*, MUT X117*
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*
3. One course (four [4] semester hours) with the MUN prefix
4. Two to four (2–4) semester hours of MVx XX1X
5. Two to four (2–4) semester hours of MVx XX2X
6. Secondary piano* (proficiency by examination)

Additional courses are recommended, varying from track to track and institution to institution. Contact the department for details.

Note: Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

The College of Music has been a fully accredited member of the National Association of Schools of Music since 1930, and its degree requirements are in accordance with the latest published regulations of that association.
Music and Institution to Institution. Contact the department for details.

Music History and Appreciation
1. MUT X111*, MUT X112*, MUT X116*, MUT X117*
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*
3. One course (four [4] semester hours) with the MUN prefix
4. Two to four (2–4) semester hours of MVx XX1X
5. Two to four (2–4) semester hours of MVx XX2X
6. Secondary piano* (proficiency by examination)

Additional courses are recommended, varying from track to track and institution to institution. Contact the department for details.

Note: Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Music Teacher Education
1. EDF X005
2. EDG X701
3. EME X040
4. Plus the following general program prerequisites:
   a. MUT X111*, MUT X112*, MUT X116*, MUT X117*
   b. MUT X241*, MUT X242*, MUT X246*, MUT X247*
   c. MVx X1X1 and MVx X2X2 (two to four [2–4] semester hours each)
   d. One course (four [4] semester hours) with the MUN prefix
   e. Secondary piano* (proficiency by examination)

Note: Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Additional courses are recommended, varying from track to track and institution to institution. Contact the department for details.

Music Performance
1. MUT X111*, MUT X112*, MUT X116*, MUT X117*
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*
3. One course (four [4] semester hours) with the MUN prefix
4. Two to four (2–4) semester hours of MVx XX1X
5. Two to four (2–4) semester hours of MVx XX2X
6. Secondary piano* (proficiency by examination)

Additional courses are recommended, varying from track to track and institution to institution. Contact the department for details.

Note: Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Music Theory
1. MUT X111*, MUT X112*, MUT X116*, MUT X117*
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*
3. One course (four [4] semester hours) with the MUN prefix
4. Two to four (2–4) semester hours of MVx XX1X
5. Two to four (2–4) semester hours of MVx XX2X
6. Secondary piano* (proficiency by examination)

Additional courses are recommended, varying from track to track and institution to institution. Contact the department for details.

Note: Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Music Therapy
1. MUT X111*, MUT X112*, MUT X116*, MUT X117*
2. MUT X241*, MUT X242*, MUT X246*, MUT X247*
3. One course (four [4] semester hours) with the MUN prefix
4. Two to six (2–6) semester hours of MVx XX1X
5. Two to six (2–6) semester hours of MVx XX2X
6. Secondary piano* (proficiency by examination)

Additional courses are recommended, varying from track to track and institution to institution. Contact the department for details.

Note: Courses or requirements marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

Honors in the Major
The College of Music offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Graduate Degrees
The following are the graduate degrees offered by the College of Music:
Master of Music
Performance Accompanying
Piano Pedagogy
Choral Conducting
Instrumental Conducting
Jazz Studies
Music Theory
Composition
Musicology (both historical and ethnomusicology)
Opera
Music Therapy
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 college, its facilities, opportunities, and available financial assistance, refer to the “College of Music” chapter of this General Bulletin. Details of graduate programs can be found in the Graduate Bulletin.

Definition of Prefixes

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>MUC</td>
<td>Music: Composition</td>
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<tr>
<td>MUE</td>
<td>Music: Education</td>
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<tr>
<td>MUG</td>
<td>Music: Conducting</td>
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<td>MUH</td>
<td>Music: History/Musicology</td>
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<td>MUL</td>
<td>Music Literature</td>
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<td>MUM</td>
<td>Music: Commercial/Management/Administration</td>
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<td>MUN</td>
<td>Music Ensembles</td>
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<td>MUO</td>
<td>Music: Opera/Music Theatre</td>
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<td>MUR</td>
<td>Music: Church</td>
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MUT—Music: Theory
MUY—Music: Therapy
MVB—Applied Music: Brasses
MVH—Historical Instruments
MVJ—Applied Music: Jazz
MVK—Applied Music: Keyboard
MVO—Applied Music: Other
MVP—Applied Music: Percussion
MSV—Applied Music: Strings
MVV—Applied Music: Voice
MWW—Applied Music: Woodwinds

Undergraduate Courses

Composition
MUC 1211. Composition (2). Prerequisites: MUC 1111, 1241; consent of composition faculty. For composition majors only. The elements of form and composition.

MUC 2221r. Composition (2). Prerequisite: MUC 1211. For composition majors only. Techniques of composition. May be repeated to a maximum of four (4) semester hours.

MUC 3231r. Composition (3). Prerequisites: MUC 2221r; consent of composition faculty. For composition majors only. 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. For non-composition majors only. May be repeated to a maximum of four (4) semester hours.

MUC 4241r. Composition (3). Prerequisite: MUC 3231r. For composition majors only. May be repeated to a maximum of six (6) semester hours.

Music Education
MUE 1090. Orientation to Music Education/Music Therapy (1). (SU grade only).


MUE 2390. Teaching Music to Diverse Populations (3). An introduction to the learning problems and needs of special education, early intervention, at-risk, and ESL children and those from diverse cultures, with applicable teaching methodology specific to music education curricula and goals.

MUE 2410. Choral Techniques for Non-Voice Principals (2). Prerequisite: Non-vocal music education majors, or consent of instructor. Corequisite: University Chorale (Summer) or approved substitute. Individual and group vocal techniques for the non-vocal music education major.


MUE 3091. Orientation to Music Education/Therapy (1). (SU grade only.) An orientation to the career options in music therapy.

MUE 3311. Assessment and Teaching Music: Secondary Schools (3). Prerequisite: MUE 3311. Designed for undergraduate music education majors planning to teach general music classes in secondary schools. This course provides knowledge and experiences aimed at improving the student’s understanding, skills, and confidence as a teacher and musician.

MUE 3343. The Instrumental Program Strings and Orchestra (3). Required of music education instrumental majors.

MUE 3344. Teaching General Music K–12 (3). Prerequisites: MUE 3311, 3334. The rationale, sequence, and learning theory in relation to music for the general student (K–12).

MUE 3441. Methods of String Teaching Instruction (2). To this course, students have the opportunity to read current writings on string pedagogy, develop performance skills on two stringed instruments, and observe professionals teaching strings in the public schools. This course is required of all undergraduate instrumental music education majors.

MUE 3443. Introduction to Teaching String Instruments (3). Prerequisite: Admission to professional sequence, or consent of instructor. Teaching and performance techniques for string instruments.

MUE 3456. Techniques and Teaching: Voice, Oboe, Bassoon (2). The application of performance and teaching techniques and practices unique to oboe and bassoon.

MUE 3457. Techniques and Teaching: Flute, Clarinet, Saxophone (2). The application of performance and teaching techniques and practices unique to flute, clarinet, and saxophone.

MUE 3465. Techniques and Teaching: Brass Instruments (2). The application of performance and teaching techniques and practices unique to brasses.

MUE 3475. Techniques and Teaching: Percussion Instruments (2). The application of performance and teaching techniques and practices unique to percussion.

MUE 3491. Communication Skills for the Musician: Choral (2). This course introduces development of choral, verbal, and non-verbal communication skills; conducting skills; and knowledge of choral literature.

MUE 3492. Choral Literature and Conducting (2). Concurrent registration in MUE 3495r is required.

MUE 3493. Communication Skills for the Musician: Instrumental (2). This course examines communication in the conducting of instrumental music in public schools. It emphasizes verbal and non-verbal techniques and the application of pedagogical skills in the classroom.

MUE 3494. Band and Orchestral Literature and Conducting (2). Concurrent registration in MUE 3495r is required.

MUE 3495r–3496r. Music Education Laboratory (one [1] hour each). Required of all music education majors. MUE 3495r and 3496r each may be repeated to a maximum of four (4) semester hours. 3495r Choral, 3496r Instrumental.

MUE 4431. Music Education in the American Society (3). This course analyzes the interaction of society, culture, and musical behavior with the activities, attitudes, and behaviors in the United States’ school systems.

MUE 4432. Arts in Medicine/Music (1–3). This course orients, teaches, and coordinates students who wish to volunteer for Arts in Medicine practice at Tallahassee Memorial HealthCare. The purpose of the course is to allow each student to use his/her particular talents to benefit Tallahassee Memorial HealthCare patients, families, and staff. For each hour of academic credit, students are required to complete two (2) hours per week of volunteer service throughout the semester. May be repeated to a maximum of three (3) semester hours.

MUE 4342. The Instrumental Program in the Schools Band (2). Prerequisites: MUE 3343, 3344.

MUE 4391. Music in Special Education (3). Techniques of teaching music to children in special education programs. Open to music and non-music majors.

MUE 4392. Classroom Management, Safety, Law, and Ethics (3). This course examines the following issues: specific techniques in classroom management, discipline, crises prevention and intervention; techniques for providing a safe and positive classroom environment for all students; and knowledge concerning professional ethics, and legal expectations.

MUE 4431r. Choral Techniques: MUE 4431r–4432r or consent of instructor. Chorus and choral problems: organization, rehearsal, repertory, diction, intonation, tone quality, balance, blend, and style. Concurrent registration in MUE 3495r is required.

MUE 4432r. Vocal Pedagogy in Music Education (2). Prerequisite: Junior standing in music education. A study of voice teaching methods for music education majors.

MUE 4480. Marching Band Techniques (1). The study of current marching band techniques, methods, and styles and their application to secondary public school music education programs.

MUE 4481. Jazz Ensemble Techniques (1). A course designed to study the implementation and administration of the jazz ensemble in the public school music program.

MUE 4490. Technology for the Music Classroom (3). Prerequisite: Permission of instructor or placement in 2000-level courses. This course combines reading, discussion, and hands-on projects to achieve an understanding of how computers work and how they can be incorporated effectively in the music classroom from K–12.

MUE 4490. Internship in Music (12). (SU grade only.) Prerequisites: Senior standing, consent of instructor.

MUE 4561. Nonverbal Communication in Human Interaction (2). This course contributes to the student’s knowledge and skill in delivering nonverbal communication and develops survival skills in American Sign Language.

MUE 4563. Medical Music Therapy (3). The purposes of this course are to understand the medical model of music therapy in medical treatment; to learn to design music activities in medical situations to reduce pain, anxiety, and distress; to participate in field experiences observing medical music therapy practices in a hospital setting; and to learn medical documentation for clinical music therapy.

Conducting
MUG 3104. Conducting (1). Prerequisite: MUCT 1112. The elements of conducting and reharssal techniques.


Music History
MUH 2011. Introduction to Music History—Music Appreciation: 18th and 19th Centuries (3). For non-music majors. Meets liberal studies requirements in area IV. A survey of musical ideas and trends from the 18th and 19th centuries. Students will be encouraged to develop an understanding of how music is an important part of our lives.

MUH 2012. Music in Western Culture, 19th and 20th Centuries (3). For non-music majors. Meets liberal studies requirements in area IV. A survey of musical ideas and trends from the 19th and 20th centuries. This course will explore music and its relation to the other arts, the historical events of the times, and the milieu in which the music literature was created.

MUH 2019. Modern Popular Music (3). A survey of the development of popular music from the 1950s to the present, examining both the music and the cultural, social, economic, technological, and political conditions surrounding that music.

MUH 2021. American Roots Music (3). This course seeks to examine the historical development of music in America and its role in shaping the American identity.

MUH 3211. Survey of Music History I: Antiquity to 1750 (3). Prerequisites: MUL 2110; MUH 2512 or 2513. Required of music majors. Survey of music history from antiquity to 1750. Emphasizes the historical events of the times, and the milieu in which the music literature was created.

MUH 3212. Survey of Music History II: 1750 to Present (3). Prerequisite: MUE 3211. Required of music majors. Survey of music history from 1750 to the present.

MUH 4211. History of Music: Medieval (3). Prerequisites: MUH 3211, 3212; consent of instructor.

MUH 4212. History of Music: Renaissance (3). Prerequisites: MUH 3211, 3212; consent of instructor.

MUH 4213. History of Music: Baroque (3). Prerequisites: MUH 3211, 3212; consent of instructor.

MUH 4214. History of Music: Classical (3). Prerequisites: MUH 3211, 3212; consent of instructor.
A study of the religious and art music of Latin America from the Colonial Period to the present.

Prerequisites: MUM 4210. Basic research skills up to the concert level, and prepares students for the Piano Technicians Guild tuning exam.

MUH 4571. Music of Indonesia (3). This course offers a survey of selected music cultures of Indonesia. The primary focus will be on gamelan music, especially that of Java and Bali.

MUH 4582. Seminar in World Music Studies (3). The advanced study of contrasting music cultures from around the world, emphasizing both sound and music as culture.

MUH 4931. Music Pedagogy (3). Prerequisites: MUH 2512, 4582. This course considers theory and practice of teaching undergraduate world music survey courses, including knowledge of and critical approaches to teaching materials in various media.

MUH 4600. Survey of Sacred Vocal Literature (1). Required of piano performance majors. May be repeated to a maximum of four (4) semester hours.

MUH 4484. Keyboard Literature: Classic–Early Romantic (2). Prerequisite: MUH 3211, 3212; MUF 2111. A study of the diverse musical cultures of Latin America, including Native American, European, African, and Asian derived, and syncretic or mestizo forms.

MUH 4442. Woodwind Ensemble (0–1). Required of piano and harpsichord students. May be repeated to a maximum of four (4) semester hours.

MUH 4430. Guitar Literature I (2). Prerequisite: MUH 3211, 3212; consent of instructor. The study and performance of works representative of a wide spectrum of sacred choral literature. Open to all University students. May be repeated to a maximum of four (4) semester hours.

MUH 4420. Wind Ensemble (0–1). Prerequisite: By audition. Professional-level performance of works representative of a wide variety of instrumental literature. May be repeated to a maximum of four (4) semester hours.

MUH 4210. Applied Piano Tuning I (3). Prerequisite: Permission of instructor. This course is an introduction to the history of the piano, fundamental principles of the mechanisms of the modern piano, and construction techniques.

MUH 4220. Theory of Piano Technology I (2). Prerequisite: Sophomore standing or permission of instructor. History and fundamental principles of the modern mechanisms of the piano.
Church Music
MUR 4201. Hymnology (2). A practical and historical study of the Church's song
MUR 4411. Organ History and Literature to the 18th Century (2). The organ and its music from the Middle Ages to the end of the 17th century.
MUR 4412. Organ History and Literature: 18th–20th Centuries (2). The organ and its music from the time of J.S. Bach to the present day.

Music
MUS 1010r. Student Recital (0). (SU grade only) Required of all undergraduate music majors. Unlimited repetition.
MUS 2340r. Seminar in Performance Experience in Music (0). (SU grade only). An introductory course for all first-year music students to introduce them to selected resources in the Warren D. Allen Music Library, the online search capabilities of WebLis and FirstSearch, and the research activities of faculty from the College of Music.
Cawthon Hall Music Colloquium (0–1). (SU grade only). This course is part of the Cawthon Hall Music Living-Learning Center Colloquium series, and is required of all Cawthon Hall-Music participants. May be repeated to a maximum of four (4) semester hours.
MUS 2360. Introduction to Technology in Music (1). Prerequisites: MUT 1112 or equivalent; sophomore standing. Introductory survey of computer technology in music, including hardware, software, computer-based instruction, multimedia, and Internet.
MUS 3320. Survey of the Music Industry (3). Understanding the world of commercial music and music technology in personal marketability.
MUS 3340. Music Instrument Digital Interface (3). Develop techniques in electronic music composition and all aspects of MIDI.
MUS 3341r. Laboratory for Music Instrument Digital Interface (2). Laboratory application of MUS 3340. May be repeated to a maximum of six (6) semester hours.
MUS 3342r. Seminar in Practical and Theoretical Issues in Music Technology: purchasing and evaluating computer music systems, music hardware and software issues, copyrights and ethics in technology, historical contexts, societal and educational issues, future directions in computer music, and other issues.
MUS 3350. Beginning C Computer Programming Techniques for Musicians (3). Introduction to microcomputer-based interactive graphics programming in the C language, including the design and implementation of music computer programs.
MUS 3351. Introduction to Multimedia and Digital Audio (3). Experiences in music instructional design. May be repeated to a maximum of six (6) semester hours.
MUS 3353r. Computers in Music Design Seminar (3). Prerequisite: MUS 3351. Discussions and experiences in music instructional design. May be repeated to a maximum of six (6) semester hours.
MUS 3450. Electronics for Musicians (3). Prerequisite: MUS 3500. Basic concepts and practical experiences in digital and analog electronics for musicians.
MUS 3541. Digital Music Synthesis I (3). Prerequisite: Permission of instructor. This course is a practical and theoretical study of the hardware and software necessary for translating texts of Italian songs and operas.
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 3592r. Computer Music Project (1). Prerequisite: Permission of instructor; students must first complete all courses in the Certificate in Computer Music Program (or equivalent). The development of computer-based hardware and/or software projects in music technology. May be repeated to a maximum of six (6) semester hours.
MUS 3594r. Special Topics in Music (1–3). Prerequisite: Consent of instructor. May be repeated to a maximum of (9) semester hours.
MUS 3596r. Mu sic Peer Advisement Practice (0). (SU grade only) Introduction to leadership skills necessary for advising and counseling in the College of Music. May be repeated to a maximum of four (4) times.
MUS 4222. French Language and Diction for Singers (3). Prerequisite: FRE 1120. This course is the study of French diction and pronunciation of study texts from FRE 1120. 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 4233. German Language and Diction for Singers (3). Prerequisite: GER 1120. This course is the study of German diction and pronunciation of study texts from GER 1120. The focus is on proper pronunciation of the German language and on grammar and vocabulary necessary for translating texts of Italian songs and operas.
MUS 4424. Italian Language and Diction for Singers (3). Prerequisite: ITA 1120. This course is the study of Italian diction and pronunciation of study texts from ITA 1120. The focus is on proper pronunciation of the Italian language and on grammar and vocabulary necessary for translating texts of Italian songs and operas.
MUS 4611. Psychology of Music Survey (3). Prerequisite: Basic course in psychology. Basic study of acoustics, the ear and hearing, musical systems, and the psycho-socio-physiological processes involved in musical behavior.
MUS 4612. Psychology of Music Learning (3). Prerequisite: MUS 4611. Consideration of applied research methods in psychology of music through examination of selected research studies and behavioral project.
MUS 4743. Writing for Musicians (2). Experience in types of writing that are particularly useful to musicians: analyses, program notes, performance reviews, and research papers.
MUS 4801r. Dynamic Integration (0–1). This course heightens students’ awareness of their minds and bodies in relation to performing on a musical instrument, addressing such topics as muscle balancing, concentration, and performance anxiety.
MUS 4900r. Honors Study (1–6). Prerequisite: Consent of instructor. May be repeated to a maximum of (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 4907r. Workshop in Music (2–6). Techniques in instruction and administration of music programs. Unlimited repeatability as long as the subject matter changes.
Music Theory

MUT 1001. Fundamentals of Music Theory (3). An introductory course that covers the rudimentary fundamentals of music theory, including the basic properties of notation, scales, intervals, triads, and rhythmic notation.

MUT 1011. Music Theory for the Non-Music Major (3). A practical, analytical, and performance-oriented 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 structures of music.

MUT 1112. Music Theory II (3). Prerequisite: MUT 1111. The materials and structures of music.

MUT 1241. Sight Singing and Ear Training I (1). The development of skills in sight singing and ear training.

MUT 1242. Sight Singing and Ear Training II (1). Prerequisite: MUT 1241. The development of skills in sight singing and ear training.

MUT 2116. Music Theory III (3). Prerequisite: MUT 1112. The materials and structures of music.

MUT 2246. Sight Singing and Ear Training IV (1). Prerequisite: MUT 2242. The development of skills in sight singing and ear training.

MUT 2641r. Jazz Improvisation I (1). Skills in beginning jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUT 2642r. Jazz Improvisation II (1). Knowledge and technical skills in jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUT 2246r. Sight Singing and Ear Training V (1). Prerequisite: MUT 2242. The development of skills in sight singing and ear training.

MUT 2335. Jazz Theory/Arranging I (3). Prerequisites: MUT 2246, 2247. A course designed to promote skills in arranging for the jazz ensemble.

MUT 2335r. Jazz Theory/Arranging II (3). Prerequisite: MUT 2335 or consent of instructor. Advanced skills in arranging for the jazz ensemble.

MUT 3241–3242. 18th-Century Counterpoint (two [2] hours each). Prerequisites: MUT 2117, 2247. The study of contrapuntal techniques of the 18th century.

MUT 3241r. Form and Style: Classic (3). Prerequisites: MUT 2117, 2247. The study of the larger forms and procedures as expressed in the musical language of the Classic period.

MUT 3251. 19th-Century Styles (5). Prerequisites: MUT 2117, 2247. Stylistic studies of 19th-century music.

MUT 3257. 20th-Century Styles (3). Prerequisites: MUT 2117, 2247. Stylistic studies of 20th-century music.

MUT 3641r. Jazz Improvisation I (1). Prerequisite: MUT 3641 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 the characteristic usage of orchestral instruments and the principles of scoring.

MUT 4321. Composition and Arranging for Wind Band (3). Prerequisite: Junior standing. A course in composition and arranging for the wind band.

MUT 4411. 16th-Century Counterpoint (3). Prerequisites: MUT 2117, 2247. The study of contrapuntal techniques of the 16th century.

Music Therapy

MUY 3601. Music Recreation Techniques (3). Prerequisite: Class guitar (MVS 1116) or consent of instructor.

MUY 4401. Music Therapy: Methods and Practicum I (3). Prerequisites: Senior standing in music therapy, completion of MUS 4612; or consent of instructor.

MUY 4402. Music Therapy: Methods and Practicum II (3). Prerequisite: MUY 4401. The applications of music therapy in all fields of health, corrections, and special education.

MUY 4405r. Clinical Internship in Music Therapy (1–12). (S/U grade only.) Prerequisite: Completion of all course work in music therapy. Six-month resident internship in an affiliated, approved clinical setting. May be repeated once only and to a maximum of twenty (20) semester hours.

Applied Music

MV(B, J, K, O, P, S, V, W) 101r–101r. Applied Music (two [2] hours each). Private instruction. For students preparing for freshman level of applied music. With the exception of MVO 1010, 2020, 3030, and 4040, each course may be repeated to a maximum of four (4) semester hours. Credit earned in the MV(B, J, K, O, P, S, V, W) 101r–101r series will not apply to the requirements of the major or principal instrument. (See specific requirements.) Credit may be modified to one (1) hour for all instruments.

MV 1011r. App Mus Prep, Trumpet
MV 1012r. App Mus Prep, French Horn
MV 1013r. App Mus Prep, Trombone
MV 1014r. App Mus Prep, Baritone Horn
MV 1015r. App Mus Prep, Tuba
MV 1016r. App Mus Prep, Saxophone, Jazz
MV 1017r. App Mus Prep, Piano
MV 1018r. App Mus Prep, Organ
MV 1019r. Modified Credit, All Instruments (1–2)
MV 1011r. App Mus Prep, Percussion
MV 1015r. App Mus Prep, Guitar
MV 1016r. App Mus Prep, Violin
MV 1017r. App Mus Prep, Double Bass
MV 1018r. App Mus Prep, Harp
MV 1019r. App Mus Prep, Clarinet
MV 1020r. App Mus Prep, Bassoon
MV 1021r. App Mus Prep, Saxophone
MV 1020r. App Mus Prep, Flute
MV 1021r. App Mus Prep, French Horn
MV 1022r. App Mus Prep, Oboe
MV 1023r. App Mus Prep, Clarinet
MV 1024r. App Mus Prep, Bassoon
MV 1025r. App Mus Prep, Saxophone
MV 1010r–4040r. Undergraduate Coaching (one to two [1–2] hours each). All instruments. Principal only. May be repeated to a maximum of four (4) semester hours.

MV 1010r. App Mus Undergraduate Coaching
MV 1020r. App Mus Undergraduate Coaching
MV 1030r. App Mus Undergraduate Coaching
MV 1040r. App Mus Undergraduate Coaching
MV 1111r. Class Piano I (1). Prerequisite: Consent of instructor. Class instruction in the fundamentals of voice production. Elementary level.

MV 1116r. Beginning Class Guitar I (1). For beginning guitar students. Emphasis on music reading and elementary techniques.

MV(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 four (4) semester hours. (See curricular regulations.) Credit may be modified by electing MVO 1210r (1), all instruments. All MVH courses may be taken for one to two (1–2) credit hours.

MV 1211r. App Mus Sec, Trumpet
MV 1212r. App Mus Sec, French Horn
MV 1213r. App Mus Sec, Trombone
MV 1214r. App Mus Sec, Baritone Horn
MV 1215r. App Mus Sec, Tuba
MV 1216r. App Mus Sec, Bowd String
MV 1217r. App Mus Sec, Piano
MV 1218r. App Mus Sec, Organ
MV 1219r. Modified Credit, All Instruments (1)
MV 1221r. App Mus Sec, Percussion
MV 1231r. App Mus Sec, Violin
MV 1232r. App Mus Sec, Viola
MV 1233r. App Mus Sec, Violoncello
MV 1234r. App Mus Sec, Double Bass
MV 1235r. App Mus Sec, Harp
MV 1236r. App Mus Sec, Guitar
MV 1237r. App Mus Sec, Voice—Music Theatre
MV 1238r. App Mus Sec, Flute
MV 1239r. App Mus Sec, Oboe
MV 1241r. App Mus Sec, Clarinet
MV 1242r. App Mus Sec, Bassoon
MV 1243r. App Mus Sec, Saxophone
MV(B, J, K, O, P, S, V, W) 1310r–1319r. Applied Music Principal (two [2] hours each). Private instruction. Principal instrument. For students whose major is not performance. Each course may be repeated to a maximum of six (6) semester hours. (See curricular regulations.) Credit may be modified by electing MVO 1310r (1), all instruments.

MV 1311r. App Mus Prin, Trumpet
MV 1312r. App Mus Prin, French Horn
MV 1313r. App Mus Prin, Trombone
MV 1314r. App Mus Prin, Baritone Horn
MV 1315r. App Mus Prin, Tuba
MV 1316r. App Mus Prin, Piano, Jazz
MV 1317r. App Mus Prin, Voice, Jazz
MV 1318r. App Mus Prin, Guitar, Jazz
MV 1319r. App Mus Prin, Bass, Jazz
MV 1316r. App Mus Prin, Saxophone, Jazz
MV 1317r. App Mus Prin, Trumpet, Jazz
MV 1318r. App Mus Prin, Trombone, Jazz
MV 1319r. App Mus Prin, Percussion, Jazz
MV 1311r. App Mus Prin, Piano
MV 1312r. App Mus Prin, Organ
MV 1310r. Modified Credit, All Instruments (1)
MV 1311r. App Mus Prin, Percussion
MV 1312r. App Mus Prin, Violin
MV 1313r. App Mus Prin, Double Bass
MV 1314r. App Mus Prin, Harp
MV 1315r. App Mus Prin, Guitar
MV 1316r. App Mus Prin, Voice
MV 1317r. App Mus Prin, Voice—Music Theatre
MV 1318r. App Mus Prin, Flute
MV 1319r. App Mus Prin, Oboe
MV 1321r. App Mus Prin, Clarinet
MV 1314r. App Mus Prin, Bassoon
MV 1315r. App Mus Prin, Saxophone
MV(K, O, P, S, V, W) 1411r–1416r. Applied Music Major (four [4] hours each: piano, harpsichord, organ, strings, harp, guitar; three [3] hours each: piano pedagogy, voice, woodwinds, brasses, percussion, guitar; three [3] hours each: organ, voice, piano pedagogy, harpsichord, percussion). Private instruction. Major instrument. The methods and materials of wind instrument and percussion pedagogy. Required junior recital for performance majors. May be repeated to a maximum of fifteen (15) semester hours by harp majors; twelve (12) semester hours by piano, harpsichord, string, woodwind, brass, percussion, and guitar majors; nine (9) semester hours by organ, vocal, and piano pedagogy majors. Credit may be modified by electing MVO 3430, all instruments.


MV 3551r. Orchestral Repertoire for Violin (1). (SU grade only.) Prerequisite: Permission of instructor. May be repeated to a maximum of two (2) semester hours.

MV 3570r. Introduction to Baroque Flute (1). Prerequisite: Consent of instructor. Required of major instrument. May be repeated to a maximum of four (4) semester hours.

MV 3535r. Guitar Repertory (1). Prerequisite: Consent of instructor. Corequisite: MVPS 3436. Required of guitar performance majors. Course may be repeated to a maximum of twelve (12) semester hours.

MV 3551. Theory and Practice of Guitar Pedagogy (1). Prerequisite: Consent of instructor. For music majors other than keyboard principals and performance majors. May be repeated to a maximum of two (2) semester hours.

MV 3831. Piano Pedagogy I (3). Prerequisite: Junior standing or consent of instructor.


MV 3930r. Continuo Playing Keyboard (1). Prerequisite: Consent of instructor. May be repeated to a maximum of two (2) semester hours.

MV 3700r. Introduction to Baroque Flute (1). Prerequisite: Consent of instructor. Required junior recital for performance majors.


MV(K, O, P, S, V, W) 4930r. Certificate Recital (0). (SU grade only.) Prerequisite: Consent of instructor.

MV(K, O, P, S, V, W) 3970. Junior Recital (0). (SU grade only.) Prerequisite of consent of instructor. Required junior recital for performance majors.

MV(K, O, P, S, V, W) 4240–4249r. Applied Music Secondary (two [2] hours each). Private instruction. Required of major instrument. (See course description for MV[K, O, P, S, V, W] 1210–1219 series.) For performance majors. May be repeated to a maximum of twelve (12) semester hours, except MVW series which may only be repeated to a maximum of six (6) semester hours. Credit may be modified by electing MVO 4340, all instruments.

MV(K, O, P, S, V, W) 4440–4446r. Applied Music Major (five [5] hours: four [4] hours each: piano, harpsichord, guitar; four [4] hours each: organ, strings, woodwinds, brasses, percussion, guitar; three [3] hours each: voice, piano pedagogy). Private instruction. Major instrument. Required junior recital for performance majors. May be repeated to a maximum of twenty (20) semester hours by piano, harpsichord, organ, and major instrument. Required of major instrument. May be repeated to a maximum of fourteen (14) semester hours by organ, harpsichord, strings, woodwinds, brasses, and percussion majors; eleven (11) semester hours by voice majors; nine (9) semester hours by piano majors. Credit may be modified by electing MVO 4446, all instruments.

MV(K, O, P, S, V, W) 4540r. String Repertory (1). Prerequisite: Consent of instructor. Required of major instrument. May be repeated to a maximum of two (2) semester hours.

MV(K, O, P, S, V, W) 4542r. Musical Theatre Repertoire (1). Prerequisite: Consent of instructor. Corequisite: MVPS 4346. Required of major instrument. May be repeated to a maximum of two (2) semester hours.

MV(K, O, P, S, V, W) 4546r. Guitar Pedagogy (1). Prerequisite: Consent of instructor. Corequisite: MVPS 4346. Required of guitar performance majors. Course may be repeated to a maximum of two (2) semester hours.

MV(K, O, P, S, V, W) 4560. Orchestral Pedagogy (2). Prerequisite: Consent of instructor. Equips students with teaching skills in organ/harpischord.


MV(K, O, P, S, V, W) 4641. Advanced Piano Pedagogy (3). Prerequisite: MVPS 3632 or consent of instructor. Current and expanded pedagogy concepts and materials and techniques for teaching advanced or adult students.


MV(K, O, P, S, V, W) 4670r. Practicum in Piano Pedagogy (2). May be repeated up to a maximum of four (4) semester hours.

MV(K, O, P, S, V, W) 4831. Service Playing (2). Prerequisite: Consent of instructor. Open to all upper-division organ majors and principals.

MV(K, O, P, S, V, W) 4971r. Senior Recital (0). (SU grade only.) Prerequisite of completion of MVPS 333r, required, consent of instructor. Required senior recital for performance majors.

Graduate Courses

Composition

MUC 5110r. Composition (2).

MUC 5251r. Composition (3).

MUC 5615r. Film Scoring (3).

MUC 5625r. Jazz Composition (3).

MUC 6265r. Composition (3).
### Music Education

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<td>MUE 5096r</td>
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<td>MUE 5145</td>
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<tr>
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<tr>
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### Conducting

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<td>MUG 5957</td>
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<tr>
<td>MUG 5976</td>
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<tr>
<td>MUG 5977</td>
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<tr>
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### Jazz Studies

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<tr>
<td>MVJ 5977</td>
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### Music History

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<tr>
<td>MUH 5306</td>
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<tr>
<td>MUH 5325</td>
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<td>MUH 5335</td>
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<td>MUH 5807</td>
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### Music Literature

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<td>Chamber Music Literature for Strings (3).</td>
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<td>MUL 5446</td>
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<td>MUL 5456</td>
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<td>MUL 5505</td>
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### Commercial Music

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<td>MUM 5215</td>
<td>Applied Piano Tuning I (3).</td>
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<tr>
<td>MUM 5216</td>
<td>Applied Piano Tuning II (3).</td>
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<tr>
<td>MUM 5217</td>
<td>Applied Piano Tuning III (3).</td>
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<td>MUM 5218</td>
<td>Applied Piano Tuning IV (3).</td>
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<tr>
<td>MUM 5225</td>
<td>Theory of Piano Technology I (2).</td>
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<td>MUM 5226</td>
<td>Theory of Piano Technology II (2).</td>
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<tr>
<td>MUM 5256</td>
<td>Piano Technology I (3).</td>
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<tr>
<td>MUM 5257</td>
<td>Piano Technology II (3).</td>
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<tr>
<td>MUM 5258</td>
<td>Piano Technology III (3).</td>
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<tr>
<td>MUM 5259</td>
<td>Piano Technology IV (3).</td>
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<tr>
<td>MUM 5265</td>
<td>Organ Design and Maintenance (2).</td>
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<tr>
<td>MUM 5805</td>
<td>Introduction to Arts Administration (3).</td>
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<tr>
<td>MUM 5807</td>
<td>Survey of Orchestra Management (3).</td>
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<tr>
<td>MUM 5815</td>
<td>Fundraising Strategies in the Arts (3).</td>
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<tr>
<td>MUM 5816</td>
<td>Audience Development, Marketing and Public Relations in Musical Arts Organizations (3).</td>
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<tr>
<td>MUM 5948</td>
<td>Piano Technology Practicum (6).</td>
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## Music Ensembles

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MUN 5115r</td>
<td>Marching Chiefs (0–1)</td>
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<tr>
<td>MUN 5125r</td>
<td>Concert Band (0–1)</td>
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</tr>
<tr>
<td>MUN 5135r</td>
<td>Symphonic Band (0–1)</td>
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<tr>
<td>MUN 5145r</td>
<td>Wind Orchestra (0–1)</td>
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<tr>
<td>MUN 5146r</td>
<td>Chamber Winds (0–1)</td>
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<tr>
<td>MUN 5215r</td>
<td>University Symphony (0–1)</td>
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<tr>
<td>MUN 5225r</td>
<td>Chamber Orchestra (0–1)</td>
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<tr>
<td>MUN 5235r</td>
<td>Opera Orchestra (0–1)</td>
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<tr>
<td>MUN 5236r</td>
<td>University Singers (0–1)</td>
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<tr>
<td>MUN 5238r</td>
<td>Choral Union (0–1)</td>
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<tr>
<td>MUN 5239r</td>
<td>Women’s Glee Club (0–1)</td>
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<tr>
<td>MUN 5335r</td>
<td>Men’s Glee Club (Collegians) (0–1)</td>
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<tr>
<td>MUN 5335r</td>
<td>Chamber Chorus (0–1)</td>
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<tr>
<td>MUN 5336r</td>
<td>Opera Chorus (0–1)</td>
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<tr>
<td>MUN 5337r</td>
<td>University Chorale (0–1)</td>
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<tr>
<td>MUN 5425r</td>
<td>Woodwind Ensemble (0–1)</td>
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<tr>
<td>MUN 5435r</td>
<td>Brass Ensemble (0–1)</td>
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<tr>
<td>MUN 5446r</td>
<td>Percussion Ensemble (0–1)</td>
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<tr>
<td>MUN 5456r</td>
<td>Duo Piano (1)</td>
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<tr>
<td>MUN 5455r</td>
<td>Chamber Music (0–1)</td>
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<tr>
<td>MUN 5477r</td>
<td>Collegium Musicum (0–1)</td>
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<tr>
<td>MUN 5478r</td>
<td>Baroque Ensemble (0–1)</td>
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<tr>
<td>MUN 5485r</td>
<td>Guitar Ensemble (0–1)</td>
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<tr>
<td>MUN 5525r</td>
<td>Piano Vocal/Instrumental Accompanying (0–1)</td>
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<tr>
<td>MUN 5715r</td>
<td>Jazz Ensemble (0–1)</td>
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<tr>
<td>MUN 5725r</td>
<td>Jazz-Pop Ensemble (0–1)</td>
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<tr>
<td>MUN 5806r</td>
<td>World Music Ensemble (0–1)</td>
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## Opera/Music Theatre

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MUS 5007r</td>
<td>Musical Theatre Workshop (2)</td>
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<tr>
<td>MUS 5440r</td>
<td>Opera Coaching (1–2)</td>
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<tr>
<td>MUS 5455r</td>
<td>Performance of Operatic Role (1–2)</td>
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<tr>
<td>MUS 5505r</td>
<td>Opera (0–4)</td>
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<tr>
<td>MUS 5605r</td>
<td>Opera Production (1)</td>
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<tr>
<td>MUS 5701r</td>
<td>Opera Directing (2)</td>
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<tr>
<td>MUS 5801r</td>
<td>Opera Project (3)</td>
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<tr>
<td>MUS 6446r</td>
<td>Opera Coaching (1–2)</td>
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## Church Music

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MUR 5206</td>
<td>Hymnology (2)</td>
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<tr>
<td>MUR 5415</td>
<td>The Organ and Its Music from the Middle Ages to the End of the 17th Century (2)</td>
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<tr>
<td>MUR 5416</td>
<td>The Organ and Its Music from the Time of J. S. Bach to the Present Day (2)</td>
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## Music

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MUL 5426</td>
<td>String Quartet Literature from Haydn to Bartok and Beyond (3)</td>
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<tr>
<td>MUS 5226</td>
<td>French Language and Diction for Singers (3)</td>
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<tr>
<td>MUS 5236</td>
<td>German Language and Diction for Singers (3)</td>
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<tr>
<td>MUS 5246</td>
<td>Italian Language and Diction for Singers (3)</td>
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<tr>
<td>MUS 5325</td>
<td>Survey of the Music Industry (3)</td>
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<tr>
<td>MUS 5345</td>
<td>Music Instrument Digital Interface (3)</td>
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<tr>
<td>MUS 5346r</td>
<td>Laboratory for Music Instrument Digital Interface (2)</td>
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<tr>
<td>MUS 5356</td>
<td>Graduate Survey of Music Technology (1)</td>
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<tr>
<td>MUS 5505</td>
<td>Seminar in Music Technology (2)</td>
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<tr>
<td>MUS 5536</td>
<td>Multimedia for Musicians (3)</td>
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<tr>
<td>MUS 5538r</td>
<td>Computers in Music Design Seminar (3)</td>
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<td>MUS 5545</td>
<td>Electronics for Musicians (3)</td>
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<tr>
<td>MUS 5546</td>
<td>Digital Music Synthesis I (3)</td>
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<tr>
<td>MUS 5547</td>
<td>Digital Music Synthesis II (3)</td>
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<tr>
<td>MUS 5616</td>
<td>Psychology of Music (3)</td>
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<td>MUS 5619</td>
<td>Behavior Modification in Music (3)</td>
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<td>MUS 5711</td>
<td>Music Bibliography (2)</td>
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<td>MUS 5721</td>
<td>Music Perception and Cognition (3)</td>
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<tbody>
<tr>
<td>MUS 5722</td>
<td>Descriptive Research in Music (3)</td>
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<tr>
<td>MUS 5723</td>
<td>Experimental Research in Music (3)</td>
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<tr>
<td>MUS 5806r</td>
<td>Dynamic Integration (0–1)</td>
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<tr>
<td>MUS 5906r</td>
<td>Directed Individual Study (1–3) (S/U grade only.)</td>
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<tr>
<td>MUS 5910r</td>
<td>Supervised Research (1–3) (S/U grade only.)</td>
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<tr>
<td>MUS 5921r</td>
<td>Symposium in Music (1–6)</td>
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<tr>
<td>MUS 5929</td>
<td>Workshop in Music (1–6)</td>
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<tr>
<td>MUS 5930</td>
<td>Seminar in Contemporary Instructional Techniques in Music (3)</td>
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<tr>
<td>MUS 5931r</td>
<td>Arts Administration Seminar (1)</td>
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<tr>
<td>MUS 5933r</td>
<td>Computer Music Project (1)</td>
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<tr>
<td>MUS 5937r</td>
<td>Graduate Tutorial in Music (1–3) (S/U grade only.)</td>
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<tr>
<td>MUS 5939r</td>
<td>Special Topics in Music (1–3)</td>
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<tr>
<td>MUS 5940r</td>
<td>Supervised Teaching (1–3) (S/U grade only.)</td>
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<tr>
<td>MUS 5941r</td>
<td>Internship in Music Performance (1–12) (S/U grade only.)</td>
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<td>MUS 5975</td>
<td>Graduate Project (2) (S/U grade only)</td>
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<tr>
<td>MUS 6907r</td>
<td>Directed Individual Study (1–3) (S/U grade only)</td>
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## Applied Music

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<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>MVO 5050r</td>
<td>Applied Music Graduate Coaching (1–2)</td>
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<tr>
<td>MVO 5055r</td>
<td>Applied Music Graduate Coaching (2–4)</td>
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<tr>
<td>MVL 5151r</td>
<td>Class Piano (1)</td>
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<tr>
<td>MVL 5151r</td>
<td>Class Voice (1)</td>
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<tr>
<td>MVS 5156</td>
<td>Beginning Class Guitar (1)</td>
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<tr>
<td>MVB 5251r</td>
<td>App Mus Sec, Trumpet</td>
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<tr>
<td>MVB 5252r</td>
<td>App Mus Sec, French Horn</td>
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<tr>
<td>MVB 5253r</td>
<td>App Mus Sec, Trombone</td>
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<tr>
<td>MVB 5254r</td>
<td>App Mus Sec, Baritone Horn</td>
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<tr>
<td>MVB 5255r</td>
<td>App Mus Sec, Tuba</td>
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<tr>
<td>MVB 5256r</td>
<td>App Mus Sec, Historical Instruments (1–2)</td>
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<tr>
<td>MVB 5251r</td>
<td>App Mus Sec, Cupped Mouthpieces (1–2)</td>
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<tr>
<td>MVB 5252r</td>
<td>App Mus Sec, Open Reeds (1–2)</td>
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<tr>
<td>MVB 5253r</td>
<td>App Mus Sec, Capped Reeds (1–2)</td>
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<tr>
<td>MVB 5254r</td>
<td>App Mus Sec, Recorder (1–2)</td>
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<tr>
<td>MVB 5255r</td>
<td>App Mus Sec, Flute (1–2)</td>
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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
MWW 5252r. App Mus Sec, Oboe
MWW 5253r. App Mus Sec, Clarinet
MWW 5254r. App Mus Sec, Bassoon
MWW 5255r. App Mus Sec, Saxophone
MVB 5351r. App Mus Prin, Trumpet
MVB 5352r. App Mus Prin, French Horn
MVB 5353r. App Mus Prin, Trombone
MVB 5354r. App Mus Prin, Baritone Horn
MVB 5355r. App Mus Prin, Tuba
MJ 5350r. App Mus Prin, Piano, Jazz
MJ 5351r. App Mus Prin, Voice, Jazz
MJ 5353r. App Mus Prin, Guitar, Jazz
MJ 5354r. App Mus Prin, Bass, Jazz
MJ 5356r. App Mus Prin, Saxophone, Jazz
MJ 5357r. App Mus Prin, Trumpet, Jazz
MJ 5358r. App Mus Prin, Trombone, Jazz
MJ 5359r. App Mus Prin, Percussion, Jazz
MK 5351r. App Mus Prin, Piano
MK 5352r. App Mus Prin, Harpsichord
MK 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, Viola
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
MVV 5351r. App Mus Prin, Voice
MWW 5351r. App Mus Sec, Flute
MWW 5352r. App Mus Sec, Oboe
MWW 5353r. App Mus Sec, Clarinet
MWW 5354r. App Mus Sec, Bassoon
MWW 5355r. App Mus Sec, Saxophone
MVB 5451r. App Mus Maj, Trumpet
MVB 5452r. App Mus Maj, French Horn
MVB 5453r. App Mus Maj, Trombone
MVB 5454r. App Mus Maj, Baritone Horn
MVB 5455r. App Mus Maj, Tuba
MJ 5456r. App Mus Maj, Saxophone, Jazz
MJ 5457r. App Mus Maj, Trumpet, Jazz
MJ 5459r. App Mus Maj, Percussion, Jazz
MK 5451r. App Mus Maj, Piano
MK 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 5550r. String Repertory (0–1).
MVS 5552r. Musical Theatre Repertoire (1).
MVS 5556r. Guitar Repertory (1).
MVK 5605. Organ/Harpsichord Pedagogy (2).
MVO 5650. Pedagogy for Winds and Percussion (3).
MVK 5651. Piano Pedagogy I (3).
MVW 5651. Seminar in Vocal Pedagogy (2).
MVK 5652. Piano Pedagogy II (3).
MVK 5661. Advanced Piano Pedagogy I (3).
MVK 5662. Advanced Piano Pedagogy II (3).
MVK 5671. Practicum in Piano Pedagogy (2).
MVW 5705r. Introduction to the Baroque Flute (1).
MVW 5706r. Introduction to the Baroque Recorder (1).
MVK 5710. Piano Accompanying (1).
MVK 5711. 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 5745. Techniques of Vocal Coaching (2).
MVK 5746. Techniques of Coaching Chamber Music (2).
MVK 5747. Techniques of Opera Coaching (2).
MVK 5935r. Continuo Playing Keyboard (1).
MVK 5936. Service Playing (2).
M(VI, O, P, S, V, W) 5955r. Certificate Recital (0). (S/U grade only.)
MVB 5970r. Master’s Voice Recital Coaching (2).
MVW 5977. Master’s Recital (Voice) (0). (S/U grade only.)
MVK 5973r. Master’s Recital, Vocal Accompanying (1). (S/U grade only.)
MVK 5974r. Master’s Recital, Instrumental Accompanying (1). (S/U grade only.)
MVK 5975. Master’s Recital: Piano Pedagogy (0). (S/U grade only.)
MVO 6060r. Applied Music Graduate Coaching (1–2).
MVO 6065r. Applied Music Graduate Coaching (2–4).
MVO 6260r. Modified credit, All Instruments (1).
MVO 6360r. Modified credit, All Instruments (1).
MVB 6461r. App Mus Maj, Trumpet
MVB 6462r. App Mus Maj, French Horn
MVB 6463r. App Mus Maj, Trombone
MVB 6464r. App Mus Maj, Euphonium
MVB 6465r. App Mus Maj, Tuba
MK 6461r. App Mus Maj, Piano
MK 6463r. App Mus Maj, Organ
MVO 6460r. Modified Credit, All Instruments (2).
MVP 6461r. App Mus Maj, Percussion
MVS 6461r. App Mus Maj, Violin
MVS 6462r. App Mus Maj, Viola
NURSING

COLLEGE OF NURSING

Professors: Frank, Grubbs, Mason, Speake, Stewart; Associate Professors: Cottrell, Faria, Hauber, Karioth, Sullivan; Assistant Professors: Barth, Cormier, Porterfield, Smith, Whyte, Williamson, Zeni; Assistants in Nursing: King, Lewis, Smith, Tucker; Assistants in Nursing: Abendroth, Barbour, Cuchens, DeYoung, Elliott, Richbourg, Shepard, Wall, Warren

The College of Nursing offers a bachelor of science in nursing (BSN) for generic and registered nurse students. The undergraduate program is approved by the Florida Board of Nursing and accredited by the Commission on Collegiate Nursing Education (CCNE). At the completion of the program, the student will have met all major 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 College 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 College 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 college, its facilities, opportunities, and available financial assistance, refer to the “College of Nursing” chapter of this General Bulletin.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in nursing satisfy this requirement by earning a grade of “C-” or higher in NUR 3167.

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 list the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. BSC X085C 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 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 the life span
5. HUN X201 (or any human nutrition) or NUR X192
6. MCB X010C or any microbiology with lab
7. PYS X012 or any general psychology
8. STA X014 or any statistics course
9. SYG X000 or any introduction to sociology

Definition of Prefixes

NGR—Nursing: Graduate
NUR—Nursing: Generic Undergraduate

Undergraduate Courses

Theory/Laboratory Courses Required

NUR 3026. Nursing Competencies for Professional Practice (3). Prerequisite: Admission to the nursing program. Corequisite: NUR 3026L. This course provides the basis for professional nursing practice. Included are concepts of basic human physical needs; technical, computer, and therapeutic communication skills; documentation (based on medical terminology), group process; nursing process; and APA.

NUR 3026L. Nursing Competencies for Professional Practice Lab (2). Prerequisite: Admission to the nursing program. Corequisite: 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 3060. Nursing Assessment of the Well Family: A Lifespan Approach Lab (1). Prerequisite: Admission to nursing. Corequisite: NUR 3060. 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 introduction to nursing care regarding pharmacological theory, major classifications, and common characteristics of drugs.

NUR 3147. The Research Process for Professional Practice (2). Generic BSN Program Prerequisite: Term I courses. RN to BSN Program Prerequisite: Admission to the nursing major. This introductory course will assist students in conceptualizing both the research process and the importance of research to nursing, and will enable students to understand and use published healthcare research.

NUR 3226. Nursing the Adult Family I (3). Prerequisite: Term I courses. Corequisite: NUR 3226L. This is the first of three courses focusing on the adult. Emphasis is on general body responses and alterations in disease, pathophysiology, and holistic nursing management of the continuum of care for patients and their families in acute care settings. Critical thinking and problem solving skills are utilized to plan interventions and evaluate outcomes appropriate to health care needs for adults and their families based on the state of the disease course 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 326L. Nursing the Adult Family I Laboratory (2). Prerequisites: Term I courses. Corequisite: NUR 326. Focus of this laboratory course is the application of technologic competencies, concepts, principles, and the nursing process while providing interventions to adults and their families in acute care and community care settings. Effectiveness of the interventions and expected outcomes are evaluated.

NUR 326L. Nursing the Aging Family (2). Prerequisite: Admission to nursing major. This course is designed to help students understand critical thinking and problem-solving skills utilized to plan interventions and elevate outcomes appropriate to health care needs for adults and their families based on the stage of the disease process and their needs. Emphasis is placed on the psychosocial, physiologic, pathophysiologic, and holistic management of the aging adult. The nurse’s role in health promotion is emphasized. Illness and complications of aging are examined. Issues related to resocializing, promoting, and restoring healthy status of family members are emphasized.

NUR 4465L. Nursing Care of the Childbearing/Childrearing Family (4). Prerequisites: Term I and II courses. Corequisite: NUR 4465L. This course focuses on individuals and their families during pregnancy, childbirth, and the postpartum period. The nurse’s role in health promotion is emphasized. Illness and complications of pregnancy are examined. Issues related to resocializing, promoting, and restoring healthy status of family members are emphasized.

NUR 4465L. Nursing Care of the Childbearing/Childrearing Family Laboratory (3). Prerequisites: Term I and II courses. Corequisite: NUR 4465L. This laboratory course expands the application of the nursing process and nursing roles to the specialized care required by childbearing and childrearing families in a variety of settings.

NUR 4619. Community Nursing: A Synthesis of Care (1). Prerequisites: Term I, II, and III courses. Corequisite: NUR 4619L. This course requires the synthesis of competencies, care, and commitment established in previous and current courses. The synthesis consolidates the two fundamental aspects of nursing practice as established by the American Association of Colleges of Nurses: “care of the sick in and across all environments and health promotion.” Application of concepts such as acute/chronicity, utilization of resources, and quality of health care for adult, family, and community, and facilities, and communities is required. Concept mapping and case studies are employed.

NUR 4619L. Community Nursing: A Synthesis of Care Laboratory (1). Prerequisites: Term I, II, and III courses. Corequisite: NUR 4619. This course requires the synthesis of competencies, care, and commitment established in previous and current courses. The synthesis consolidates the two fundamental aspects of nursing practice as established by the American Association of Colleges of Nurses: “care of the sick in and across all environments and health promotion.” Application of concepts such as acute/chronicity, utilization of resources, and quality of health care for adult, family, and community, and facilities, and communities is required. Concept mapping and case studies are employed.
## Department of NUTRITION, FOOD AND EXERCISE SCIENCES

### College of Human Sciences

**Chair:** Arjmandi; **Professors:** Haynes, Hsieh, Ich-Ernst, Moffatt, Sathe; **Associate Professors:** Abood, Dorsey, Levenson, Panton, Rankins; **Assistant Professors:** Figueroa, Kim, Spicer; **Assistant in Nutrition:** Hemphill; **Associate in Athletic Training:** Sehgal; **Assistant in Athletic Training:** Garber; **Research Associate:** Devareddy; **Adjunct Professors:** Anderson, Dupont, Stapell, Stowers; **Research Associate in Food Service/Management:** Truesdell; **Professors Emeriti:** Erdman, Harris, Kassouny, Toole; **Affiliate Faculty:** Cooksey, Gibson, Latimer, Lunt, Ovossen, Pappas, Pfeil, Sourial; **Courtesy Professor:** Duggy; **Advisory Board Members:** Daggy, Derman, Hemig, Koo, Shaw

The Department of Nutrition, Food and Exercise Sciences offers three bachelor of science degrees: food and nutrition, exercise science, and athletic training. There are two majors under the food and nutrition degree: dietetics and food and nutrition science. Students majoring in exercise science will earn a degree in exercise science, and students majoring in athletic training will earn a degree in athletic training.

The purpose of the dietetics major is to provide the foundation knowledge and skills required for the didactic component of entry-level dietetics education. This didactic program in dietetics (DPD) is accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association (ADA), 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, (312) 899-0040 (ext. 5400), as an elective, meets the academic requirements for the DPD verification statement. Graduates of the DPD program are eligible to apply to graduate school and/or post-baccalaureate, accredited dietetic internships. The dietetic internship, which provides the competencies for the supervised practice component of dietetics education, is in turn required for eligibility to take the national Registration Examination for Dietitians. Care careers are available for dietitians in clinical, research, community, food service, management, and educational settings and consulting.

The food and nutrition science major has a strong science base that prepares students for job opportunities in the food industry, government agencies, and careers in the medical field as well as graduate study in the field.

The exercise science major prepares students for graduate study in exercise physiology, physical therapy, and other health fields, including medical school, as well as positions as personal trainers and health fitness instructors with both hospital-based wellness programs and corporate fitness programs.

The athletic training degree program is accredited by the Commission on Accreditation of Athletic Training Education Programs (CAATE) and prepares students to take the Board of Certification examination. A major in athletic training is offered to students interested in working in injury prevention, recognition, immediate care, rehabilitation, healthcare management, or professional development in a sports medicine environ-

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**NUR 3195. The Individual, Death, and the Family (2).** Prerequisite: REL 3191 or permission of the instructor. Explores concepts of the individual and family through the life cycle. Direct participation with dying clients and families may be provided.

**NUR 3396. Child Life in Health Care Settings (3).** Prerequisites: FAD 3220, NUR 3090. This course is designed primarily for students interested in care of children with a focus on the child with health interferences in development due to varying degrees of illness. Addresses individual and family issues of community, organizational, and institutional concerns and the role of the child life specialist on the health care team. This course is appropriate for students in child life, social work, special education, and any field where child development is a concern.

**NUR 3455. Concerns Through the Life Cycle (3).** Prerequisite: BSC 1005 or BSC 2110 or permission of the instructor. Focus will be on issues related to women throughout the life cycle including sexuality, obesity, anorexia, cancer, etc. Emphasis is on prevention of illness and health care access.

**NUR 3655. Multicultural Factors and Health (3).** A comparative analytical approach to the study of communication, current problems, issues, health care beliefs, values, and practices of different systems and cultural norms as they affect health care practices that conflict with cultural or communality related to standards and value systems.

**NUR 3659. Health and Health Alterations in the Family and Community (3).** A survey course designed to help the student look at the health care professional as an agent for health promotion. The health promotion agent looks at health and health alterations in the individual, family, and community. Students will explore the concepts of health promotion, health alterations, and disease prevention, including the influence of health care agents, political and economic factors on health promotion, disease prevention, and future trends.

**NUR 3935. Holistic and Complementary Approaches to Health and Healing (3).** This course is designed to explore knowledge of practices that promote health and well-being. Emphasis is on stress management and body-mind-spirit communication. A variety of holistic and complementary approaches to health and healing are explored.

**NUR 4425. Substance Abuse and the Effects on Health, Family, and Profession (3).** Broad-based approach to substance abuse and the effects on health, family, and the profession; identifying groups at risk, prevention activities, and help approaches.

**NUR 4526. Contemporary Clinical Ethics in Health Care (3).** Provides students with the opportunity to both explore the ethical dimensions of health care practices and develop skills in ethical decision making. Students will practice the clinical application of ethical theory in relation to current health care issues and concerns.

**NUR 4905T. Directed Individual Study (1–4).** May be repeated to a maximum of six (6) semester hours.

**NUR 4930T. Special Topics (1–3).** Topics of interest to relating to nursing and other health-related issues. May be repeated to a maximum of nine (9) semester hours.

**NUR 4935. Legislative Influences on Health Care and Nursing Practice (3).** Current health care issues and their impact on consumers and providers are analyzed.

**NUR 4975T. Honors Thesis (1–6).** May be repeated for a maximum of nine (9) semester hours.

### Graduate Courses

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>NGR 5002C</td>
<td>Health Assessment for the Advanced Practice Nurse (4).</td>
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<tr>
<td>NGR 5051C</td>
<td>Advanced Wound Management (2).</td>
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<tr>
<td>NGR 5052C</td>
<td>Clinical Nurse Specialist Care Management I (5).</td>
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<tr>
<td>NGR 5099C</td>
<td>Advanced Skills for the Advanced Practice Nurse (2).</td>
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<td>NGR 5102</td>
<td>Theories for Advanced Practice (3).</td>
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<td>NGR 5122</td>
<td>Role Development Theories (2).</td>
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<tr>
<td>NGR 5130</td>
<td>Contemporary Clinical Ethics in Health Care (3).</td>
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<tr>
<td>NGR 5155</td>
<td>Health Policy, Legal and Ethical Considerations for Advanced Practice (2).</td>
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<tr>
<td>NGR 5172</td>
<td>Pharmacology for Advanced Practice (3).</td>
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<tr>
<td>NGR 5250</td>
<td>Issues in Geriatrics Seminar (1).</td>
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<td>NGR 5303L</td>
<td>Pediatric Nurse Practitioner Practicum (5).</td>
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<td>NGR 5305</td>
<td>Issues in Pediatrics Seminar (1).</td>
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<td>NGR 5313C</td>
<td>Advanced Management for the Pediatric Nurse Practitioner I (6).</td>
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<td>NGR 5332C</td>
<td>Advanced Management for the Pediatric Nurse Practitioner II (7).</td>
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<td>NGR 5370</td>
<td>Pharmacology for Pediatric Nurse Practitioners (3).</td>
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<td>NGR 5481</td>
<td>Women's Health Seminar (1).</td>
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<td>NGR 5503</td>
<td>Advanced Practice Psychiatric Nursing Seminar (1).</td>
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<tr>
<td>NGR 5601C</td>
<td>Advanced Management of the Family I (6).</td>
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<tr>
<td>NGR 5602C</td>
<td>Advanced Management of the Family II (7).</td>
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<tr>
<td>NGR 5637C</td>
<td>Clinical Nurse Specialist Care Management II (6).</td>
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<tr>
<td>NGR 5700</td>
<td>Advances and Trends in Adult Health Nursing (1).</td>
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<tr>
<td>NGR 5713C</td>
<td>Curriculum Theory and Design for Nursing Education (3).</td>
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<td>NGR 5714C</td>
<td>Teaching Methods for the Nurse Educator (4).</td>
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<tr>
<td>NGR 5715</td>
<td>Capstone: Application of Technology for the Nurse Educator (3).</td>
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<tr>
<td>NGR 5717</td>
<td>Measurement for Nursing Education (3).</td>
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<tr>
<td>NGR 5718C</td>
<td>Evaluation Methods in Nursing Education (4).</td>
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<tr>
<td>NGR 5719</td>
<td>Issues in Nursing Education (1).</td>
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<tr>
<td>NGR 5726</td>
<td>Fiscal Responsibility and Outcomes Management (3).</td>
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<td>NGR 5740</td>
<td>Role Development for Advanced Practice (2).</td>
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<tr>
<td>NGR 5745C</td>
<td>Fundamentals of Teaching for Master’s Students (1).</td>
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<tr>
<td>NGR 5755</td>
<td>Validation of Advanced Nursing Practice: Outcomes Validation (3).</td>
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<tr>
<td>NGR 5758L</td>
<td>Nurse Practitioner Practicum (2–5).</td>
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ment. Athletic training students have an opportunity to gain clinical experience in a variety of sports settings, both on and off campus. Official limited access status for the athletic training degree program is pending. If approved, access to the athletic training program will be limited by restricting the number of students admitted annually to match the available resources. The proposed admission requirements and procedures for the athletic training program at Florida State University include common entry indicators. The common indicators included in each student’s portfolio will be ranked as follows:

1. SAT/ACT scores (weighted rank of SAT/ACT at 25%)
2. Interview score (weighted rank of interview score at 25%)

In order to be eligible for the interview, the student must complete an application portfolio that includes completed observations, lab skill testing scores, clinical observation log sheets, a resume, three letters of recommendation, official copies of all post-secondary transcripts, SAT scores, and current enrollment in or completion of PET 1638.

Composite applicant scores, based on the above indicators, are calculated and ranked. The number of athletic training applicants admitted is determined by available vacancies created by graduation. The top-ranking students are then admitted to fill the vacancies. The Athletic Training Education Program includes a strict set of didactic and clinical course progression. New student admission is completed by May 31 of each year. New athletic training students enroll in the first block of courses following the Fall semester. Community college students are required to complete the same application process as resident students. Those who are formally admitted will be required to complete a minimum of four semesters to complete all clinical rotations.

Requirements for Majors

For students not subject to mapping, as a prerequisite for entry into each undergraduate major, students must achieve a grade of “B–” or higher in HUN 1201 and a grade of “C–” or better in any course work required for the individual major.

In order to graduate with a degree in food and nutrition, exercise sciences, or athletic training, students must have a minimum GPA of 2.5 and a grade of “C–” or better in all required courses, with the exception of PET 3322C, in which a grade of “C+” or higher is required. Students who have not met the academic requirement of “C–” or better in required courses cannot be admitted into the major until that requirement is satisfied.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in athletic training, exercise science, and food and nutrition science satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or BSC 2010L, if BSC 2010L is taken at FSU. Undergraduate majors in dietetics satisfy this requirement by earning a grade of “C–” or higher in CGS 2060 or CGS 2064.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for the athletic training and dietetics majors:

**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

**Exercise Science**

1. Six (6) semester hours of English composition (ENC prefix)
2. MAC X140
3. MAC X114 or MAC X311 or equivalent
4. CHM X045/X045L and CHM X046/X046L
5. HUN X201
6. PSY X012 or PSY X013
7. BSC X010/X010L and BSC X011/X011L
8. PET X320C or 3301C
9. PET X 350C or PET 3302C

**Core Program for All Majors**

1. **Liberal Studies.** Required courses that may be taken in fulfillment of liberal studies include: English, basic nutrition, general chemistry, organic chemistry, general psychology, family relationships, mathematics, and statistics.
2. **Graduation Requirements.** See the “Undergraduate Degree Requirements” chapter of this General Bulletin. For multicultural, HUN 2125 is recommended if the requirement is not satisfied with liberal studies. For computer skills, all majors require a similar course or certification (select BSC 2010L, if taken at FSU). For oral communication, HEE 4054 is certified.
3. **College of Human Sciences Core.** The college core is to be met by taking the following courses: 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); HUN 1201; MAC 1105 or better; BSC 2085/2086 or PET 3322C (see specific major requirements); and STA 2122 or 2023.

**Bachelor of Science**

The Department of Nutrition, Food and Exercise Sciences offers three bachelor of science degrees: food and nutrition, exercise science, and athletic training. To complete requirements for these degrees the following are required: 1) liberal studies requirements; 2) general graduation requirements for the University; 3) the preceding college core requirements; and 4) specific requirements for the major chosen. Additional courses may be required to complete the one hundred twenty (120) semester hours required for the degrees. A minimum grade of “C–” or better must be earned for all required courses, except for HUN 1201, which requires a grade of “B–” or higher, and PET3322C, which requires a grade of “C+” or higher. A course may not be retaken more than twice (for a total of three times).

The following are the specific requirements for each major within the degree of food and nutrition (dietetics, and food and nutrition sciences), athletic training, and exercise science. Students must meet the curriculum requirements in effect at the time they enter the major.

**Dietetics.** See liberal studies requirements, college and department core, and common prerequisites. CHM 1032C, 2200 and lab; BCH 3023C; DIE 3005, 4244, 4244L, 4315; FAD 4601; FOS 3026, 3026L, 4114C; FSS 4135, 4315; HUN 3224, 3226; and electives (to meet graduation requirements). Students fulfilling DPD requirements must take FOS 4209, FSS 4315L, or MAR 3023. Dietetics majors may take specified electives for an emphasis in food promotion.
Food and Nutrition Science. Lower division: see liberal studies, college core, plus: BSC 2101, 2101L; CHM 1045, 1045L, 1046, 1046L, 2210, 2211, 2211L; ECO 2013 or equivalent; HUN 1201; MAC 1141, 1140, 2311; MCB 2004, 2004L; PHY 2053C; PSY 2012; STA 2122 or 2123. Upper division: BCH 3023C; CHM 3120C; FOS 3026, 3026L, 4114C; HEE 4054; HUN 3224, 3226; PET 3322C or PCB 3063 or 3134; and electives to meet graduation requirements. At least ten [10] semester hours must be at the 3000-4000 level.

Exercise Science. Lower division: see liberal studies and college core, plus: BSC 2101, 2101L, 2101L1; CHM 1045, 1045L, 1046, 1046L, 2200C or 2210, 2211 and 2211L; HUN 1201; MAC 1141, 1140, PHY 2053C, 2054C; PSY 2012; STA 2122. Upper division: BCH 3023C; HEE 4054 or FAD 4601; HUN 3224, 3226; PET 3102, 3322C, 3323C, 3380C, 4551; and electives (to meet graduation requirements; at least ten [10] semester hours must be at the 3000-4000 level). Exercise science majors who plan on pursuing advanced degrees in physical therapy or medicine may need to take specified electives to meet admission requirements for these programs.

Athletic Training, HEE 4054; HSC 2400; HUN 1201; MAC 1105; PET 1638, 1941, 2942; PSY 2012; STA 2122. Upper division: HSC 4711; PET 3310, 3322C, 3323C, 3361, 3380C, 3621, 3627C, 3633C, 3634C, 3660, 3932, 3940, 3943, 4623, 4625, 4632C, 4944, 4946, 4947. Athletic training students must complete all didactic, clinical, and field experiences.

All junior college/transfer students must complete the same didactic, clinical, and field experiences as resident students. Completion of clinical courses requires a minimum of four (4) semesters. Due to Commission on Accreditation of Athletic Training Education Programs (CAATE) accreditation standards, all athletic training courses required for the major must be taken at Florida State University.

Honors in the Major

The Department of Nutrition, Food and Exercise Sciences offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. Students complete a senior thesis, which usually involves six (6) semester hours, and present an honors seminar. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Master’s and Doctoral Degrees

The Department of Nutrition, Food and Exercise Sciences offers work leading to the master of science (MS) in nutrition and food science, the master of science (MS) in movement science, the doctor of philosophy (PhD) in human sciences, and the doctor of philosophy (PhD) in movement science. Consult the Graduate Bulletin for details.

Definition of Prefixes

DIE—Dietetics
FOS—Food Science
FSS—Food Service System
HSC—Health Sciences
HUN—Human Nutrition
PET—Physical Education Theory

Undergraduate Courses

DIE 3005. Introduction to Dietetics (1). (S/U grade only.) An introduction to dietetics, the professional opportunities for registered dietitians, the importance of public policy, and the role of the American Dietetic Association in dietetics education and practice.

FOS 3305. Food and the Consumer (3). Prerequisites: CHM 1045; HUN 1201 ("B-" or better). Food composition, nutritional quality, and safety. Influence of food processing on food quality and safety. Consumer aspects of food including food selection, food management, and safety. HSC 2400. First Aid (2). Successful completion allows students to earn American Red Cross certification as a professional rescuer. This includes adult CPR, child CPR, and first aid. In addition, OSHA recommendations, blood borne pathogen precautions, and injuries will be discussed.

HUN 1201. The Science of Nutrition (3). Elements of nutrition and factors influencing the ability of individuals to maintain good nutrition status.

HUN 2125. Food and Society (3). Impact of society on human food ways; role of food and nutrition in national development and global politics. For nonmajors.


PET 1638. Introduction to Athletic Training/Sports Medicine (1). (S/U grade only.) Prerequisite: 2.5 overall GPA. This course provides an introduction to clinical athletic training concepts and evaluation on basic skills and theories related to clinical and field practices. Course content is based on competencies and proficiency standards set forth by the Commission on Accreditation of the National Athletic Trainers’ Association (NATA).

PET 3002. Athletic Training/Sports Medicine Clinical (1). (S/U grade only.) Prerequisite: PET 1638. This course is an introduction and evaluation of athletic training skills related to the following: components of a pre-participation physical; wound care; crucifix; components of a medical history; nutritional food pyramid; fluid replacement protocols; athletic taping and wrapping; and appropriate therapeutic modality use in sports medicine. Students must meet all program and technical standards required by the Commission on Accreditation of Athletic Training Education Programs (CAATE) and the National Athletic Trainers’ Association (NATA).

PET 2084. Personal Fitness and Wellness (3). Integrates aspects of nutrition, diet, fitness, and health/wellness for personal well being. This course cannot be used as a departmental elective.

PET 2942. Athletic Training/Sports Medicine Clinical II (1). (S/U grade only.) Prerequisite: PET 1941. This course introduces and evaluates athletic training skills related to the follow: girth limb measurements; body composition assessment; environmental measurements; protective pad and equipment fitting; emergency triage protocols; professional rescuer skill review; cryotherapy; thermotherapy; acoustic therapy; electrotherapy; manual therapy; athletic meal design; and basic health care administration.

PET 3102. Introduction to Exercise Science (3). (S/U grade only.) An introduction to fields of study and careers in areas of exercise physiology, motor behavior, athletic training, health and fitness, and physical therapy. Students will examine preparation for careers, including the role of various accredited organizations. Current professional issues will be discussed. This course is open to nonmajors.

PET 3310. Kinesiology (3). Prerequisite: PET 3322C. This course introduces basic physical concepts as they apply to human movement. Emphasis is placed upon structural anatomy, neuromuscular physiology, and biomechanical principles as they apply to sport skills, injury assessments, fitness activities, and rehabilitative exercises.

PET 3322C. Functional Anatomy and Physiology I (4). Prerequisites: CHM 1045, 1045L or BCH 3023; HUN 1201. The study of the functional anatomy and physiology of the skeletal, muscular, cardiovascular, respiratory, digestive, urinary, and endocrine systems, and part of the nervous system. This course serves as the first part of a two-semester sequence.

PET 3323C. Functional Anatomy and Physiology II (4). Prerequisite: PET 3322C. Continuation of a two-semester sequence of functional anatomy and physiology that includes the integumentary, nervous, lymphatic, immune, and reproductive systems.

Advanced Undergraduate Courses

DIE 4244. Nutrition in Disease (3). Prerequisites: HUN 3224 or BCH 3023; PET 3322C or HSC 3086. Corequisite: 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 3005. Corequisite: DIE 4244. Application of the principles and concepts of nutrition therapy to meet nutrient, medical, social, and psychological needs of patients.

DIE 4310. Community Nutrition (3). Prerequisites: HUN 1201 ("B-" or better); DIE 3005. The planning, implementation, and evaluation of nutrition programs in the community; public policy formulation.

FOS 3026. Foods (3). Prerequisites: HUN 1201 ("B-" or better); CHM 1032. Introduction to the physichochemical properties of food and the relationship of these properties to preparation techniques and food quality. Familiarization with the food processing industry and its role in the economy.

FOS 3026L. Foods Laboratory (1). Prerequisite or Corequisite: FOS 3026. Introduction to the physichochemical properties of food and the relationship of these properties to preparation techniques and food quality. Management and service of food. Foods of the physiologic and their behavior during processing. Assessment of food quality.

FOS 4029. Food Safety and Quality (3). Prerequisites: HUN 1201; FOS 3026; or departmental approval. Topics include food spoilage and food poisoning, food-borne pathogens, food laws and regulations, HACCP, and safe food handler practices, with an emphasis on current issues related to the quality and safety of food.

FSS 4135. Institutional Food Economics (3). Prerequisites: DIE 3005; ECO 2000 or 2013; FOS 3026L. Cost analysis, cost containment, organizational structure, food laws, and food and beverage procurement in health care settings.

FSS 4135. Institutional Organization and Administration (3). Prerequisites: DIE 3005; FOS 3026. Managerial concepts and administration concerns involved with institutional food production.

FSS 415L. Institutional Organization and Administration Laboratory (3). Prerequisites: FSS 4135; FOS 3026 and lab and permission of instructor. Practical laboratory experience in the application of management concepts to health care and institutional food administration.

HSC 4711. Wellness/Health Risk Reduction (3). Emphasis is on positive lifestyle practices to reduce 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 4993. Tutorial in Health Promotion (1). (S/U 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.

HSC 5242. Intermediary Metabolism of Nutrients (3). Prerequisites: HUN 1201 ("B-" or better); CHM 2200C. Part of a two-semester sequence emphasizing the physichochemical role of carbohydrates, lipids, and proteins in metabolic pathways; their integration and regulation by the enterohepatic circulation; and the production for energy-yielding nutrients and energy and dietary standards; cell growth and body composition.
HUN 3226. Intermediary Metabolism of Nutrients II (3). Prerequisites: HUN 1201 ("B–" or better); BCH 3023C or HUN 3224; BSC 2086 or PET 3322C. Part of a two-semester sequence. Emphasizes the physicochemical role of vitamins, minerals, and water in metabolic pathways; their integration and regulation; bases for determining requirements for vitamins, minerals, and water and dietary standards; nutrition surveys and evaluation of nutrition status.

HUN 3934r. Special Topics in Food and Nutrition (3–6). Prerequisite: HUN 1201 ("B–" or better). Topics in community nutrition, food science and technology, developmental and metabolic aspects of nutrition. May be repeated to a maximum of six (6) semester hours as content changes. Corequisite: Consent of instructor.

HUN 4095r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

HUN 4913r. Honors Thesis (3–6). May be repeated to a maximum of six (6) semester hours.

HUN 4914r. Tutorial in Nutrition (1). (S/U 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.

HUN 4931. Honors Seminar (1).

HUN 4947. Administration of Athletic Training Programs (3). Prerequisite: HUN 2101. The effects of athletic training upon individual nutrient stores and their requirements. The effects of nutrient intake upon sports performance.


PET 2621. Athletic Training I (3). HSC 2400. Corequisite: PET 3322C. Basic topics and issues pertaining to athletic training as established by the National Athletic Trainers’ Association. Focus on the physiology and rehabilitation of athletic injuries and performance enhancement techniques; muscle strengthening; pyrometries; proprioception; posture; ambulation and ambulation aids; core stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

PET 3633C. Orthopedic Assessment–Upper Extremity (3). Prerequisites: PET 2942, 3627C, 3623C. Corequisite: PET 3627C. Athletic training students examine various exercise and rehabilitation topics including the following: the effects of conditioning; evaluation and assessment techniques; manual therapy techniques; muscle strengthening; pyrometries; proprioception; posture; ambulation and ambulation aids; core stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

PET 3633C. Orthopedic Assessment–Lower Extremity (3). Prerequisites: PET 2942, 3627C, 3633C, 4623C. Corequisite: PET 3627C. Orthopedic assessment students learn the following topics included in the study of the lower extremity: the foot, toes, ankle, knee, pelvis, thigh, thoracic and lumbar spine, and gait analysis.

PET 3560. Research Practicum (1–6). This course is designed for athletic training students to investigate and research athletic training special topics through individual study and seminars. Enrollment is allowed by permission of the athletic training curriculum coordinator. Six (6) semester hours and six (6) semester hours required.

PET 3943. Athletic Training/Sports Medicine Clinical I (3). Prerequisite: PET 3321. This course is designed as a capstone for advanced level students who intend to enter the profession of athletic training. Students are evaluated on the previous skills taught in the athletic training 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). May be repeated to a maximum of six (6) semester hours with permission of the instructor.

PET 3944. Athletic Training/Sports Medicine Clinical IV (1). Corequisite PET 3943. This course is an evaluation of athletic training skills related to the following: flexibility, isometric, isotonic and isokinetic tests; postural assessment; functional and neurological assessment techniques; manual therapy techniques; muscle strengthening; pyrometries; proprioception; posture; ambulation and ambulation aids; core stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

PET 4625. Issues in Sports Medicine (3). Prerequisite: PET 3621. Course addresses advanced issues relevant to athletic training and sports medicine. Current topics include athletic training administration, athletic training pharmacology, advanced assessment techniques, orthopedic surgical observation, and general medical conditions.

PET 4632C. Therapeutic Modalities (3). Prerequisite: PET 3621. This course trains students in common modalities employed by sports medicine: Where applicable, modalities of treat- ment use modalities such as electrotherapy, ultrasound, cryotherapy, and whirlpool baths. In addition, students will examine the effects of treatment, application techniques, and indications and contraindications to treatment. Safety is emphasized during instruction and practical experience.

PET 4845r. Tutorial in Exercise Physiology (1). (S/U grade only.) Small group discussions or project work. Topics selected in contemporary issues or current research. Maximum enrollment of ten students per tutorial. Repeatable to a maximum of four (4) semester hours when the topic changes.

PET 4944. Athletic Training/Sports Medicine Clinical IV (1). Corequisite PET 3943. This course is an evaluation of athletic training skills related to the following: flexibility, isometric, isotonic and isokinetic tests; postural assessment; functional and neurological assessment techniques; manual therapy techniques; muscle strengthening; pyrometries; proprioception; posture; ambulation and ambulation aids; core stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

Graduate Courses

DIE 5248. Clinical Nutrition in the Treatment and Prevention of Disease (3).

FOS 5424. Food Preservation (3).

FOS 5930r. Seminar in Food and Nutrition Science (1).

FOS 5936. Selected Topics in Food Science and Technology (3).

FOS 6351C. Physical and Chemical Techniques in Food and Nutrition (3).

FOS 6930r. Seminar in Food and Nutrition Science (1).

HSC 5003. Models of Health Behavior (3).

HUN 5242. Carbohydrates, Fats, and Proteins (3).

HUN 5243. Vitamins and Minerals (3).

HUN 5802. Research Design and Methodology (2).

HUN 5802L. Research Design and Methodology Laboratory (3).

HUN 5910r. Supervised Research (1–3). (S/U grade only.)

HUN 5930r. Food and Nutrition Seminar (1–4).

HUN 5938r. Special Topics in Nutrition (3).

HUN 6248r. Advances in Nutrition and Food Science (3–12).

HUN 6906r. Directed Individual Study (1–6). (S/U grade only.)

HUN 6911r. Supervised Research (3–5). (S/U grade only.)

HUN 6930r. Food and Nutrition Seminar (1).

HUN 6940r. Supervised Teaching (1–3). (S/U grade only.)

HUN 8945r. Supervised Field Experience (1–9). (S/U grade only.)

PET 5052. Motor Memory (3).

PET 5053. Motor Control (3).

PET 5077. Physical Dimensions of Aging (4).

PET 5355C. Advanced Exercise Physiology (3).

PET 5367. Nutrition and Exercise Performance (3).

PET 5553. Cardiorespiratory and Anthropometric Evaluation and Development of Exercise Programs (3).

PET 5930r. Seminar in Movement Sciences (1).

PET 6365. Exercise and the Cardiorespiratory System (4).

PET 6368. Metabolic Responses to Exercise (3).

PET 6368r. Environmental Aspects of Exercise (3).

PET 6930r. Seminar in Movement Sciences (1).

PET 6931r. Advanced Topics (1–4).

PET 8945r. Exercise Physiology Internship (1–9). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of OCEANOGRAPHY

COLLEGE OF ARTS AND SCIENCES
Chair: William K. Dewar; Professors: Burnett, Chanton, Chassignet, Clarke, Dewar, Froelich, Huettel, Iverson, Krishnamurti, Landing, Marcus, Nof, Speer, Thistle, Weatherly; Associate Professor: Kostka; Assistant Professors: Dittmar, Nowacek, St. Laurent; Professors Emeriti: Hsueh, Stern, 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 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 high school science and one year of college 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 or 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, or partial differential equations.

Graduate Study
The Department of Oceanography offers courses leading to the certificate in oceanography, the non-thesis master’s in oceanography, and the doctor of philosophy (PhD) in oceanography. Consult the Graduate Bulletin or www.ocean.fsu.edu for details.

Definition of Prefixes
ESC—Earth Science
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

Undergraduate Courses
Elementary
ESC 2200C. Earth Science for EC/EE Teachers (4).
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). Prerequisite: MGF 1106 or 1107. Structure and motion of the ocean and its environments, 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 4008.

Science Preparatory
OCE 4008. Principles of Oceanography (3). Prerequisite: A science major or minor and junior or senior standing. Dynamic motions and life processes in the marine environment. Long-term geologic history of the oceans and recent changes caused by man.

Advanced
OCE 4637. Marine Benthic Ecology (3). Prerequisite: ZOO 4213C 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.
OCC 4002. Basic Chemical Oceanography (3). Prerequisite: CHM 1046. Chemical composition of seawater, carbon dioxide system, nutrients, trace elements, and biogeochemistry.

OCE 4017. Current Issues in Environmental Science (3). Taught at an introductory level, this class includes discussions of current 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.
OCC 4560. Geological Oceanography (3). Structural and oceanographic setting of continents and ocean basins, plate tectonics, ocean margins, marine sediments, and ocean history.
OCP 4005. Introduction to Physical Oceanography (3). Prerequisite: MAC 2313. This course examines waves, currents, tides, El Niño, and climate change prediction.

Specialized Instruction
OCE 4905. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of ten (10) semester hours.
OCE 4906. 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 4930. 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. 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
OCE 5500. Basic Physical Oceanography (3).
OCC 5500. Basic Chemical Oceanography (3).
OCG 5501. Basic Geological Oceanography (3).
OCP 5500. Basic Physical Oceanography (3).

Biological Oceanography
OCE 5515. Marine Nekton: Larval Fish to Whales (3).
OCC 5565. Marine Primary Production (3).
OCC 5566. Zooplankton Ecology (3).
OCC 5600. Biological Fluid Dynamics (3). (S/U grade only.)
OCC 5636. Marine Microbial Ecology (3).

Chemical and Geological Oceanography
OCC 5552. Aquatic Chemistry (3).
OCC 5562. Marine Isotopic Chemistry (3).
OCC 5541. Marine Geochemistry (3).
OCC 5547. Geochemical Ocean Tracers (3).
OCC 5554. Atmospheric Chemistry (3).
OCC 5457. Stable Isotopes as Tracers in Aquatic Ecosystems (3).
OCC 5664. Paleoceanography (3).

Physical Oceanography
MAP 5431. Introduction to Fluid Dynamics (3).
MAP 6434r. Advanced Topics in Hydrodynamics (2).
OCO 5056. Introduction to Physical Oceanography (3).
OCO 5160. Ocean Waves (3).
OCO 5256. Fluid Dynamics: Geophysical Applications (3).
OCO 5262. Coastal Ocean Dynamics (3).
OCO 5263. Equatorial Dynamics (3).
OCO 5265. Main Ocean Thermocline (3).
OCO 5271. Turbulence (3).
OCO 5285. Dynamic Oceanography (3).
OCO 5551. Physics of the Air-Sea Boundary Layer (3).

Specialized Instruction and Seminar
OCC 5930. Special Topics in Biological Oceanography (1–3).
OCC 5939. Biological Oceanography Seminar (1). (S/U grade only.)
OCC 5419C. Advanced Biogeochemistry: Field Methods and Concepts (3).
OCC 5930. Special Topics in Chemical Oceanography (1–3).
OCC 5939. Chemical Oceanography Seminar (1). (S/U grade only.)
OCE 5905. Directed Individual Study (1–12). (S/U grade only.)
OCE 5910r. Supervised Research (1–5). (S/U grade only.)
Department of PHILOSOPHY

COLLEGE OF ARTS AND SCIENCES

Chair: J. Piers Ralston; Professors: Bishop, Clarke, Dancy, Fleming, Leiber, McNaughton, Mele, Rawling, Ruse; Associate Professors: Dalton, Gert, McKenna, Morales; Assistant Professors: Costa, Roberts

The undergraduate program in philosophy is designed to enable students to gain an understanding of the substantive issues philosophers have struggled with through the ages. Students majoring in philosophy can expect to develop their abilities to engage in critical examination and evaluation. Such skills have proven to be of great value in almost any type of human endeavor. The program serves as a basis for professional training in other fields, such as law, education, politics, journalism, or theology, or as foundation for future professional training in philosophy. The department offers degree programs at all levels, including an accelerated combined bachelor’s/master’s degree program.

The department participates in the honors program, as well as the undergraduate programs in the following departments or programs: women’s studies, humanities, Latin American and Caribbean studies, political science, international affairs, and religion. In addition, it offers more than ten courses in the University’s Liberal Studies Program (see listing under Liberal Studies Program, Area IV in the “Undergraduate Degree Requirements” chapter of this General Bulletin).

Students have considerable latitude to design the content of a major that meets their needs and interests. For example, a student might focus primarily on ethics; or 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; 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in philosophy satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common Course Prerequisites

No statewide common course prerequisites have been identified for this program. However, 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 have the opportunity to complete the requirements.

Thirty (30) semester hours in philosophy are required for the major, including the following:

1. Logic (3 semester hours). One of:
   - PHI 2100 Reasoning and Critical Thinking (3)
   - PHI 3130 Introduction to Symbolic Logic (3)

2. History of Philosophy (6 semester hours)
   - Ancient Philosophy—one of:
     - PHH 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)
     - PHH 4600r Contemporary Philosophy (3)

5. Seminar for Majors, to be taken in the senior year (3 semester hours)
   - PHI 4938 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 Florida State University; and completion of a minor.

Grades below “C-” will not be accepted for major or minor credit, nor will courses taken for “S/U” credit.

Requirements for a Minor in Philosophy

Twelve (12) semester hours in philosophy are required for the minor, including:

1. Logic (3 semester hours). One of:
   - PHI 2100 Reasoning and Critical Thinking (3)
   - PHI 3130 Introduction to Symbolic Logic (3)

2. History (3 semester hours). One of:
   - PHH 3061 Medieval and Renaissance Philosophy (3)
   - PHI 3130 Plato and His Predecessors (3)
   - PHI 3140 Aristotle to Augustine (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 research work results in the award of credits and graduation with distinction. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.}

Definition of Prefixes

PHH—Philosophy, History of
PHI—Philosophy
PHM—Philosophy of Man and Society
PHP—Philosophers and Schools

Undergraduate Courses

PHI 2100. Introduction to Philosophy (3). 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 and practice in using reasoning 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 arguments.

PHI 2630. Ethical Issues and Life Choices (3). A course that will draw on ethical theories to explore the major ethical issues that one faces as one 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, and right to die) and social justice (e.g., discrimination, responsibility to future generations) will be examined.

PHI 2635. Biomedical Ethics (3). A study of the controversial ethical issues that arise within the practice of medicine and within biomedical research. Case studies and thought experiments will be used to explore the moral and professional responsibilities of those working in the medical profession.

PHI 3130. Introduction to Symbolic Logic (3). An examination of the fundamentals of modern symbolic logic (propositional and predicate calculus), with special attention to the evaluation of symbolized arguments using the techniques of natural deduction. Topics include validity, soundness, proof, symbolization, truth-tables, truth-trees, and truth-functional and quantificational inference.

PHI 3220. 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 philosophy 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. History and 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. Philosophy of the Social Sciences (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 defensible solutions for moral and ethical problems as they arise in the conduct of business and economic transactions. Business ethics includes ethical issues 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 directed at answering the questions, “What is good?” and “What ought I to do?”

PHI 3700. Philosophy of Religion (3). Analysis of major issues in philosophy of religion. Topics may include the rationality of religious belief, faith, religious experience, religious language, evil, and the relation between religion and morality. Also offered by the Department of Religion.

PHI 3800. Philosophy of the Arts (3). An introduction to central issues in philosophy of the arts. Special emphasis may include 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 3811. Philosophy of Music (3). An introduction to the contemporary literature regarding the philosophy of music. Questions posed include: What is music? Does music express emotions? How is music to be evaluated? How does one “understand” music? Why can cross-cultural understanding of music be difficult? What constitutes an authentic performance?

PHI 4500. Metaphysics (3). Critical consideration of recent philosophical work from a variety of points of view on the question of what exists; for example: matter, mind, time, space, universality, properties, causes, and essences.

PHI 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

PHI 4912r. Honors Work (3). May be repeated to a maximum of twelve (12) semester hours.

PHI 4930r. Philosophical Problems (3). An examination of selected philosophical problems from an advanced point of view. May be repeated to a maximum of nine (9) semester hours.

PHI 4938r. Seminar for Majors (3). Variable-content seminar for majors to do in-depth work in selected philosophical topics and to practice writing a substantive philosophical paper. May be repeated once with permission of instructor to a maximum of six (6) semester hours.

PHI 4999r. Tutorial in Philosophy (1–3). Critical readings and discussions of important classical and contemporary philosophical texts. Variable content. Variable credit: one to two (1–2) semester hours for a reading course; two to three (2–3) semester hours for a reading course with substantial writing. Repeatable with permission of instructor to a maximum of twelve (12) semester hours.

History of Philosophy

PHI 3061. Medieval and Renaissance Philosophy (3). A survey of Western philosophy from the third to the 16th century, beginning with the work of Christian, Jewish, and Arabic philosophers, and then turning to the rise of humanism, individualism, and science.

PHI 3141. Philosophy of Science (3). A critical examination of the scientific method and its applications as developed by 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 3140r. Tutorial in Philosophy (1–3). Critical readings and discussions of important classical and contemporary philosophical texts. Variable content. Variable credit: one to two (1–2) semester hours for a reading course; two to three (2–3) semester hours for a reading course with substantial writing. Repeatable with permission of instructor to a maximum of twelve (12) semester hours.

PHI 3331r. Modern Political Thought (3). A critical study of the theories of 17th- and 18th-century Western philosophers through a careful examination of representative texts from both the empiricist and rationalist traditions.

PHI 3400. Modern Philosophy (3). A critical study of the theories of 17th- and 18th-century Western philosophers through a careful examination of representative texts from both the empiricist and rationalist traditions.

PHI 3500. 19th-Century Philosophy (3). An exploration of the diverse styles, ideas, and systems of such philosophers as Hegel, Kierkegaard, Schopenhauer, Marx, Mill, Bradley, and Nietzsche.

PHI 3700r. American Philosophy (3). An examination of major trends in American philosophy from Jonathan Edwards through 19th- and 20th-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 phenomenology, Heidegger, Sartre, later Wittgenstein 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 social and political issues. Topics include the analysis of political institutions (e.g., work, the economy, family, education) and social issues (e.g., identity, sexuality, violence, social change).

PHI 2300. Introduction to Political Philosophy (3). An introduction to the main issues in political philosophy: the justification of political authority, role of law, political obligation, neocolonialism, disobedience, revolution, rights, the appropriate ends of government, patterns of distribution and justice.

Florida State University
PHM 3123. Philosophy of Feminism (3). A comprehensive survey of the important schools of thought and issues in feminist philosophy, with emphasis on feminist politics and ethics. Liberal, socialist, conservative, feminist, existentialism and the differing views about equality and subjection are discussed. Criticisms of now traditional theories from women of color and of “difference” theorists are analyzed. Also considered are problems of particular concern to feminists: the family, sexuality, occupational freedom, harassment, rape, pornography, and domestic violence.

PHM 3331r. 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, Burke, Hegel, Marx, Engels, Bentham, Mill, Jefferson, Madison, Lenin, and Mussolini. May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

PHM 3400. Philosophy of Law (3). A comprehensive survey of the most important schools of thought, traditional problems, and current issues in Anglo-American philosophy of law. Chief theories discussed are natural law, positivism, realism (including the law and economics movement), and critical legal studies (including race and gender theory). Also explored are different views about the interpretation of law and the role of the judiciary in American politics. Includes analysis of legal cases and consideration of issues such as justice, equality, liberty, privacy, and punishment.

PHM 4340r. Contemporary Political Thought (3). An exploration of a set of issues, a trend, or a school of thought in contemporary political philosophy. May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

Philosophers and Schools

PHP 3510. Introduction to Marxist Philosophy (3). A critical overview of the premises and theses of Marxism concerning the understanding of history, economic realities, political struggles, and ideologies as found in the principle works of its founders.

PHP 3768r. Existentialism (3). An introduction to existential philosophy through detailed and critical analysis of selected major works in the field with particular emphasis on Heidegger and/or Sartre. May be repeated to a maximum of nine (9) semester hours.

PHP 4930r. Studies in Major Philosophers (3). A detailed study of a major philosopher (e.g., Plato, Aristotle, Kant, etc.) or school of philosophy (e.g., the Stoics, the Marxists). May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

Graduate Courses

PHH 5105r. Greek Philosophy (3).
PHH 5405r. Modern Philosophy (3).
PHH 5505r. 19th-Century Philosophy (3).
PHH 5609r. Contemporary Philosophy (3).
PHH 6009r. Studies in the History of Philosophy (3).
PHI 5135. Modern Logic I (3).
PHI 5136r. Modern Logic II (3).
PHI 5555. Core Course in Metaphysics and Epistemology (3).
PHI 5665. Core Course in Ethics (3).
PHI 5908r. Directed Individual Study (1–3). (S/U grade only.)
PHI 5913r. Supervised Research (1–5). (S/U grade only.)
PHI 5934r. Topics in Philosophy (3).
PHI 5945r. Supervised Teaching (1–5). (S/U grade only.)
PHI 5956. Introduction to Philosophical Methods (3).
PHI 5971r. Thesis (1–6). (S/U grade only.)
PHI 5998r. Tutorial in Philosophy (1–3).
PHI 6205r. Philosophical Logic (3).
PHI 6225r. Philosophy of Language (3).
PHI 6306r. Epistemology (3).
PHI 6325r. Philosophy of Mind (3).
PHI 6406r. Philosophy of Science (3).
PHI 6425r. Philosophy of Social Sciences (3).
PHI 6455. Philosophy of Biology: Basic Topics (3).
PHI 6457. Philosophy of Biology: Selected Topics (3).
PHI 6506r. Metaphysics (3).
PHI 6607r. Ethics (3).
PHI 6935r. Seminar in Philosophical Topics (3).
PHI 6920. Social and Political Philosophy (3).

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

PHILOSOPHY: see also Religion

PHOTOGRAPHY: see Art

College of Arts and Sciences

Chair: David Van Winkle; Associate Chair: Riley; Professors: Baer, Berg, Boeßinger, Brooks, Duke, Hagopian, Kemper, Manousakis, Owens, Piekarewicz, Prosper, Rikvold, Riley, Schlottmann, Schrieffer, Tabor, Van Winkle, von Molnar, Wahl, Zhou; Associate Professors: Blessing, Bonesteel, Capstick, Dobrosavljevic, Lind, Ng, Reina, Shaheen, Xiong, Yang; Assistant Professors: Adams, Cao, Chiorescu, Crede, Eugenio, Fenley, Gerstein, Heist, Rogachev, Volya, Wiebe, Winkler; Emeriti: Albright, Desloge, Edwards, Fletcher, Fox, Kimel, Kromhout, G. Moulton, W. Moulton, Philpott, Plendl, Robson, Sheline, Skofronick, Testardi, Wang

Florida State University’s Department of Physics offers many exciting programs and opportunities for students interested in learning physics. Our physics curriculum is flexible, structured according to the student’s long-range goals, and provides a solid foundation for future graduate work or immediate employment opportunities. Interdisciplinary degree options are available, and many students pursue double majors that include physics. There are many reasons students seek the challenges and rigor that come from making physics a part of their undergraduate studies. Those who do find themselves in a field that both expands their abilities and provides them with an immense feeling of accomplishment. Perhaps the most important benefits gained from physics training are the confidence and the ability to tackle complex technical problems. As a result of this training, physicists find themselves capable of contributing in many professions.

Physics is the foundation of all sciences and has been the pursuit of some of the greatest minds in history, including Aristotle, Galileo, Newton, Maxwell, Einstein, and Dirac. Their discoveries and quest for knowledge form the foundation of our physics program. This proud tradition and passion for inquiry has produced a modern professional community of physicists whose contributions are continually expanding and changing our society. Whether it is on the end of the spaceboom fixing the Hubble space telescope, creating and developing the World Wide Web, searching for the fundamental fabric of our universe, exploring safer and more reliable ways to diagnose and treat illnesses, or finding new and better ways to live, you will always find physicists on the frontier. So if you enjoy mathematics and science and are ready for a challenge, you should make physics a part of your education.

The internationally recognized faculty includes many who have earned prestigious awards for their research and teaching, including the Nobel prize. The faculty believe that the quality of teaching, at all levels, is enhanced by a strong research program. Undergraduates, graduate students, and post-doctoral fellows participate in all aspects of research in physics at Florida State University. In fact, most undergraduate physics majors participate in research projects, and many are co-authors on publications. This research includes strong programs in the area of computational physics and both experimental and theoretical studies in high energy, nuclear, condensed matter, and atomic and molecular physics. There are also many opportunities for interdisciplinary research, particularly in the Center for Materials Research and Technology (MARTECH), the National High Magnetic Field Laboratory (NHMFL), the School of Computational Science (SCS), 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 radioative 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 (LEED, 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 cyclotron, 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). 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.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in physics and interdisciplinary physics satisfy this requirement by earning a grade of “C-” or higher in PHZ 4151C.

**State of Florida Common Course Prerequisites**

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

**Physics**

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C, or CHM X045E
2. CHM X046/1046L, or CHM X046C, or CHM X046E
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. MAC X313 or MAC X283
6. PHY X048/X048L or PHY X049C
7. PHY X049/X049L or PHY X049C

**Interdisciplinary Physics Program**

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C and CHM X045E
2. CHM X046/1046L, or CHM X046C, or CHM X046E;
3. MAC X311
4. MAC X312
5. Choose between the CHM or PHY sequence:
   a. CHM X210/X210L and CHM X211/X211L or CHM X210C and CHM X211C
   **OR**
   b. PHY X048/X048L and PHY X049/X049L, or PHY X048C and PHY X049C, or PHY X053C and PHY X054C

**Interdisciplinary Program in Physics**

The interdisciplinary program in physics is designed to prepare a student for work in areas that 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 or 2048L), general physics B (PHY 2049C or 2049 and 2049L), intermediate modern physics (PHY 3101), intermediate mechanics (PHY 3221), mathematical physics (PHZ 3113), intermediate electricity and magnetism (PHY 4323), thermal and statistical physics (PHY 4513), quantum theory of matter A (PHY 4604), intermediate laboratory (PHY 3802L), advanced laboratory (PHY 4822Lr), and at least three of the following courses: optics (PHY 3424), advanced dynamics (PHY 4241), quantum theory of matter B (PHY 4605), computational physics (PHY 4151C), physics of stars (AST 4217), particle and nuclear physics (PHZ 4390), phenomena in condensed matter physics (PHZ 3400). A major must also complete one semester of general chemistry (CHM 1045/1045L or CHM 1050/1050L), mathematics through differential equations (MAP 2302) or engineering mathematics I (MAP 3305) and calculus III (MAC 2313).

Students who are planning to conduct graduate work in physics are strongly advised to include advanced dynamics (PHY 4241) and quantum theory of matter B (PHY 4605) in their programs.

No physics, chemistry, or math course with a grade below “C-” may be used to satisfy the above requirements.

In addition to satisfying the above requirements, the student must satisfy the general requirements of both the College of Arts and Sciences and the University with the exception that a minimum of one hundred twenty-four (124) semester hours rather than one hundred twenty (120) semester hours is required for graduation.

The Department of Physics will withhold acceptance as a physics major until the student, in consultation with one of the upper-division physics advisers, has laid out an acceptable program of studies.

**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 4990 Senior Seminar. The University computer competency requirement may be satisfied by taking PHZ 4151C.

**Physics Program**

A major is required to take general physics A (PHY 2048C or 2048 or 2048L), general physics B (PHY 2049C or 2049 and 2049L), intermediate modern physics (PHY 3101), intermediate mechanics (PHY 3221), mathematical physics (PHZ 3113), intermediate electricity and magnetism (PHY 4323), thermal and statistical physics (PHY 4513), quantum theory of matter A (PHY 4604), intermediate laboratory (PHY 3802L), advanced laboratory (PHY 4822Lr), and at least three of the following courses: optics (PHY 3424), advanced dynamics (PHY 4241), quantum theory of matter B (PHY 4605), computational physics (PHY 4151C), physics of stars (AST 4217), particle and nuclear physics (PHZ 4390), phenomena in condensed matter physics (PHZ 3400). A major must also complete one semester of general chemistry (CHM 1045/1045L or CHM 1050/1050L), mathematics through differential equations (MAP 2302) or engineering mathematics I (MAP 3305) and calculus III (MAC 2313).

Students who are planning to conduct graduate work in physics are strongly advised to include advanced dynamics (PHY 4241) and quantum theory of matter B (PHY 4605) in their programs.

No physics, chemistry, or math course with a grade below “C-” may be used to satisfy the above requirements.

In addition to satisfying the above requirements, the student must satisfy the general requirements of both the College of Arts and Sciences and the University with the exception that a minimum of one hundred twenty-four (124) semester hours rather than one hundred twenty (120) semester hours is required for graduation.

The Department of Physics will withhold acceptance as a physics major until the student, in consultation with one of the upper-division physics advisers, has laid out an acceptable program of studies.
5. A mathematics minor is required that must include mathematics through ordinary differential equations (MAP 2302) or engineering mathematics I (MAP 3305). Some programs require additional mathematics course(s) at the 2000 level or above.
6. One semester of general chemistry (CHM 1045/1045L or CHM 1050/1050L). Some programs also require CHM 1046/1046L or CHM 1051/1051L.
7. A suitable set of courses in some discipline other than physics. The number and nature of these courses must be individually arranged and approved in advance by the committee of physics advisers.

No physics, chemistry, or math course with a grade below “C−” may be used to satisfy the above requirements.

The Department of Physics will withhold acceptance as an interdisciplinary physics major until the student, in consultation with one of the upper-division physics advisers, has laid out an acceptable program of studies.

Minor
The required mathematics for all physics programs is sufficient to constitute an acceptable minor in mathematics, but a student who so desires may take an additional approved minor.

Honors in the Major
The Department of Physics offers a program in honors in the major to encourage talented juniors and seniors to undertake independent research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Minor in Physics
To obtain a minor in physics a student is required to take general physics A (PHY 2048C or 2048 and 2048L), general physics B (PHY 2049C or 2049 and 2049L), and at least one of the following courses: intermediate modern physics (PHY 3101), intermediate mechanics (PHY 3221), intermediate electricity and magnetism (PHY 4323), optics (PHY 3424), and statistical physics (PHY 4513). Grades below “C−” will not be accepted for a minor.

Definition of Prefixes
AST—Astronomy
PHY—Physics
PHZ—Physics: Continued
PSC—Physical Sciences

Undergraduate Courses

Courses for Non-Science Majors

AST 1002. Planets, Stars, and Galaxies (3). Introductory astronomy. Basic astronomical concepts; gravitation and other cosmic forces; planets, moons, and other components of the solar system; nature and evolution of the sun and of other stars; structure of galaxies and of the universe as a whole. (Astronomy for liberal studies.)
AST 1002L. Introductory Astronomy Laboratory (1). Corequisite: AST 1002. Elective laboratory to accompany AST 1002. One period per week for two (2) hours. Experiments, measurements, and observations of planetary, stellar, galactic, and extragalactic astronomy. (Astronomy laboratory for liberal studies.)
AST 3303. Recent Advances in Astronomy and Cosmology (3). Prerequisites: AST 1002 and fulfillment of the basic math requirement, or consent of instructor. Modern concepts and recent discoveries such as black holes, quasars, and the Big Bang.
PHY 1020. Fundamentals of Physics (3). A liberal studies course for the non-science major with a minimum of mathematics. Survey of light, mechanics, electricity, and magnetism and an introduction to atomic, nuclear, and subnuclear physics with emphasis on how the physicist approaches the problem of describing nature. A qualitative, descriptive approach is used. Cannot be taken for credit by students who already have credit in PHY 2048C, 2053C, or equivalent.
PHY 1020L. Fundamentals of Physics Laboratory (1). Corequisite: PHY 1020. Elective laboratory to accompany PHY 1020. One period per week for two (2) hours. Experiments in mechanics, optics, electricity, and magnetism. (Liberal studies laboratory.)
PHY 1075C. Physics of Light and Sound (4). A liberal studies course for the non-science major emphasizing learning the aspects of light and sound needed in recording images and sound. It includes analysis of color, waves, reflection, refraction, imaging, diffraction, spectroscopy, sound levels and perception, and signal processing.

College Physics for Non-Physics Science Majors

PHY 2053C. College Physics A (4). Prerequisites: MAC 1113 and 1140 with grades of “C−” or better; or appropriate score on a mathematics placement examination. An introduction to mechanics, heat, and waves for non-physics science majors. Examples from biology, geology, and medicine are incorporated. First course in a two-semester sequence. Calculus is not required. Two lectures, one recitation, and one laboratory each week. Students who have previously received credit for PHY 2048C may not register for PHY 2053C. (Must also register for PHY 2053L.)
PHY 2053L. College Physics A Laboratory (0).
PHY 2054C. College Physics B (4). Prerequisite: PHY 2053C or 2048C. An introduction to electromagnetism, light, and modern physics for non-physical science majors. Two lectures, one recitation, and one laboratory each week. Students who have previously received credit for PHY 2049C may not register for PHY 2054C. (Must also register for PHY 2054L.)
PHY 2054L. College Physics B Laboratory (0).

Physics for K–12 Educators

PSC 2801C. Physical Science for ECE/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.

General Physics for Physical Science Majors

PHY 2048C. General Physics A (5). Corequisite: MAC 2311. An introduction to mechanics, waves, and thermodynamics for physical science majors, designed to be taken as a sequence with PHY 2049C. Calculus is used. Course consists of lectures, recitations, and laboratory. A student who has taken PHY 2053C or an equivalent course with comparable laboratory component may take PHY 2048 rather than 2048C. (Must also register for PHY 2048L.)
PHY 2048L. General Physics A 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 2054C or an equivalent course with comparable laboratory component may take PHY 2049 rather than 2049C. (Must also register for PHY 2049L.)
PHY 2049L. General Physics B Laboratory (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 2054C 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 2049C. Special relativity, quantum properties of light and matter, origins of the universe.
PHY 4323. Intermediate Electricity and Magnetism (3). Prerequisites: PHY 2049C; PHZ 3113. Electrostatics, magneto-statics, time-varying electric and magnetic fields, Maxwell’s equations.
PHY 4604. Quantum Theory of Matter I (3). Prerequisites: PHY 3113; PHY 3101. Quantum mechanics and its applications to particles, nuclei, atoms, molecules, and condensed matter.
PHZ 3113. Mathematical Physics III (3). Prerequisite: PHY 2499, 2499C, or 2504C. Corequisite: MAP 2302 or 3305. Mathematical methods applied to physical systems; vectors, specialized techniques of integration, integral transforms, special functions, boundary-value problems, numerical methods.

Elective Courses

AST 4217. The Physics of Stars (3). Prerequisites: PHY 3101, 3221. This course serves as an introduction to star formation, evolution, and death through simple theoretical modeling and through a strong emphasis on the underlying physics concepts.
PHY 3424. Optics (3). Prerequisite: PHY 2049C. Geometrical optics, wave optics, optical instrumentation, properties of light, lasers, fiber optics.
PHY 4241. Advanced Dynamics (3). Prerequisites: PHY 3221, 4323. This course examines a variety of topics including Hamiltonian dynamics and electrodynamics of particles, waves in continuous media, relativistic dynamics, and electrodynamics of particles.
PHY 4605. Quantum Theory of Matter II (3). Prerequisite: PHY 4604. Quantum mechanics and its applications to particles, nuclei, atoms, molecules, and condensed matter.
PHZ 3400. Phenomena in Condensed Matter Physics (3). Prerequisites: MAP 2302 or 3305. Topics to be covered in this course include crystal structures, phonons and thermal properties, electron energy bands, metals, semiconductors, superconductors, and magnetism.
PHZ 4301. Particle and Nuclear Physics (3). Prerequisites: MAP 2302 or 3305; PHY 3101; or permission of instructor. This course examines the properties of nuclei and particles, nuclear and particle decays, the Standard Model, and accelerator and detector techniques.
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.)

PHY 4095r. Directed Individual Study (1–3). May be repeated to a maximum of eighteen (18) semester hours.

PHY 4091r. 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 4036r. Special Topics in Physics (3). Prerequisite: Senior standing or permission of instructor. Advanced 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 4037r. Undergraduate Tutorial in Physics (1–3). (S/U grade only.) Prerequisite: Upper division undergraduate standing. Selected topics in modern physics. Examination of primary research literature. May be repeated to a maximum of fifteen (15) semester hours. A maximum of eight (8) students allowed in each tutorial.

PHY 4070r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

PHY 4075. Senior Thesis (1). Prerequisite or Corequisite: PHY 4090. A written report and an oral presentation discussing research work done under PHY 4090. The grade is assigned by a committee of three faculty members.

Other Courses

PHY 1090r. Discovering Physics (1). (S/U grade only.) This course serves as an introduction to the exciting work currently being done by physicists. Topics include the physics and the day-to-day work done to answer questions in elementary particle physics, nuclear physics, and condensed matter physics. May be repeated to a maximum of two (2) semester hours.

PHY 2091. Communication in Physics (2). Prerequisite: PHY 2091C. Corequisite: PHY 2091 and 2091r. Students present results of their physics research to the class for discussion. May be repeated to a maximum of two (2) semester hours.

Graduate Courses

PHY 5157. Advanced Numerical Applications in Physics (3).

PHY 5226. Intermediate Mechanics (3).

PHY 5227. Intermediate Mechanics (3).

PHY 5246. Theoretical Dynamics (3).

PHY 5326. Intermediate Electricity and Magnetism (3).

PHY 5346. Electrodynamics A (3).

PHY 5347. Electrodynamics B (3).


PHY 5515. Thermal and Statistical Physics (3).

PHY 5524. Statistical Mechanics (3).

PHY 556r. Quantum Theory of Matter (3).

PHY 5568r. Quantum Theory of Matter (3).

PHY 5564. Quantum Mechanics A (3).

PHY 5566. Quantum Mechanics B (3).

PHY 5567. Group Theory and Angular Momentum (3).

PHY 5567. Quantum Field Theory (3).

PHY 5569. Quantum Field Theory B (3).

PHY 5570. Quantum Mechanics C (3).

PHY 5904r. 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 (0–5). (S/U grade only.)

PHY 6935r. Advanced Seminar (1). (S/U grade only.)

PHY 6937r. Selected Topics in Physics (1–3).

PHY 6938r. Special Topics in Physics (3). (S/U grade only.)

PHY 6941r. Graduate Tutorial in Physics (1–3). (S/U grade only.)

PHZ 5156c. Computational Physics Laboratory (3).

PHZ 5305. Nuclear Physics I (3).

PHZ 5307. Nuclear Physics II (3).

PHZ 5354. High-Energy Physics I (3).

PHZ 5355. High-Energy Physics II (3).

PHZ 5491. Condensed Matter Physics I (3).

PHZ 5492. Condensed Matter Physics II (3).

PHZ 5606. Special and General Relativity (3).

PHZ 5715. Biophysics I (3).

PHZ 5716. Biophysics II (3).

For listings relating to graduate course work for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.

Department of POLITICAL SCIENCE

COLLEGE OF SOCIAL SCIENCES

Chair: Dale L. Smith; Professors: Atkins, Barrilleaux, Berry, Casey, Crew, Kim, Moore, Scholz, C. Weissert, W. Weissert; Associate Professors: Claggett, Hensel, Jackson, Kemp, Smith; Assistant Professors: Ahn, Brown, Ehrlich, M. Golder, S. Golder, Maestas, Mukherjee, Reenock, Souva, Staton; Professors Emeriti: Bone, Dye, Flanagan, Flory, Glick, Gray, Palmer, Roady, St. Angelo, Vanderof; 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in political science satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this University degree program. These prerequisites are lower-level courses that are required for preparation for the University major prior to student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years, though they are not prerequisites for entry into the major.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:
Two introductory courses (six [6] semester hours) in political science with the CPO, INR, or POS prefix

Requirements for a Major in Political Science

A political science major consists of thirty (30) semester hours in political science with a grade of “C–” or better in each course, with the following restrictions:

- At least twenty-one (21) semester hours in courses numbered 3000 and above
- At least twenty-one (21) semester hours in an assembled classroom (as distinguished from individual credit for honors, directed studies, and internships)
- At least twelve (12) semester hours in an assembled classroom at Florida State University (including the study abroad program)

The political science program includes five subfields of study:
- American government (course prefix is POS), comparative politics (CPO), international relations (INR), public policy (PUP), and public administration (PAD). PAD courses are offered by the Askew School of Public Administration. ISS 2937 may count as a political science course if the instructor is a faculty member in political science.

Majors must take at least three introductory courses, choosing from:

Note: CPO 2002, INR 2002, POS 1041, and PUP 3002 are prerequisites to most of the upper-level courses in their respective subfields.

Majors also must take at least six (6) semester hours in any three subfields. The introductory courses listed above can be counted toward this subfield requirement.

POS 3713 Understanding Political Science Research, is required of all majors.

Political science majors are required to have a minor or second major and to meet the requirements stipulated by that department or program. Public administration is not permitted as a minor because classes in that area count toward the political science major.

Honors in the Major

The department offers a program of honors in the major to encourage qualified juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Internships

An optional internship in political science is designed to allow students to earn up to six (6) semester hours of credit in political science while also garnering practical experience in government and politics. The prerequisites for internship are: completion of at least sixty (60) semester hours; completion of fifteen (15) semester hours in political science with a “C–” or better, including POS 3713; an overall grade point average of 3.0 or a GPA of 3.0 in political science courses; and permission from the department.

For complete details, interested students should contact the department.

Requirements for a Minor in Political Science

Students majoring in other departments or programs may minor in political science with fifteen (15) semester hours of political science courses with grades of “C–” or better. A maximum of six (6) semester hours of PAD and/or PHM prefixes combined may be counted toward the minor. At least nine (9) semester hours must be at the 3000 level or above, and at least six (6) of those must be earned at Florida State University.

Definition of Prefixes

CPO—Comparative Politics
INR—International Relations
PHM—Philosophy of Man and Society
POS—Political Science
POT—Political Theory
PUP—Public Policy

Undergraduate Courses

American Government

POS 1041. American Government: National (3). Investigates how the national government is structured and how the American political system operates. Covers the philosophical and constitutional foundations of American government, the branches of the national government, the mechanisms by which citizens are connected to their government, and the policy outputs of government.

POS 3122. State Politics (3). Prerequisite: POS 1041 or consent of instructor. Government and politics in the American states. Looks at the governor, the legislature, and the courts; the history of federalism; and policies, practices, and social institutions that affect state government. Includes a study of state policies in such areas as welfare, education, crime, and the environment.

POS 3142. Urban Politics (3). Prerequisite: POS 1041 or consent of instructor. Examines the planning and operation of city governments and the political forces that drive decision making. Includes an examination of different forms of local government and the role of political parties, interest groups, and individuals. Examines the varying social and economic factors affecting U.S. cities.

POS 3182. Florida Government (3). Prerequisite: POS 1041 or consent of instructor. The history and current organization of Florida government—the executive, legislative, and judicial branches. Considers such topics as the Florida Constitution, how Florida compares to the state government in other states, and the role of interest groups in state government.

POS 3204. Public Opinion and Electoral Behavior (3). Prerequisite: POS 1041 or instructor permission. This course explores political attitudes and behavior. It examines such topics as the sources of political knowledge; how political attitudes formed and changed; how public opinion is measured; and why people vote the way they do.

POS 3263. Political Elites and Representation (3). Prerequisite: POS 1041 or consent of instructor. Considers the major areas related to representation in American government: how public officials are elected, the nature of their interactions with citizens, how policy is made at the national level, and the level of popular control.

POS 3443. Political Parties and Campaigning (3). Prerequisite: POS 1041 or consent of instructor. Course describes, explains, and analyzes the structure, activities, and functions of political parties in the United States. Examines party organization and leadership, nominations and elections, the American electorate, and political campaigning.

Interest Groups in Democratic Politics (3). Prerequisite: POS 1041 or consent of instructor. The activities of lobbyists and interest groups in the U.S. and Florida as they relate to the initiation, formulation, enactment, and interest group administration of public policy.

POS 3691. Law and Society (3). Prerequisite: POS 1041 or permission of instructor. Course surveys the American legal system, including the role of lawyers; sources and types of law; and courts, legislatures, executive agencies, and other law-making institutions. Also links law and legal behavior to the social, economic, and political features of modern society. (Required for students in the law and society program.)

POS 3931r. Special Topics in Government (1–3). Prerequisite: POS 1041 or consent of instructor. Varies with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

POS 4070. Race, Ethnicity, and Politics (3). Prerequisite: POS 1041 or consent of instructor. This course examines how race and ethnicity are intertwined in American politics by viewing the nation’s history, policies, and politics. Topics include race and immigration, affirmative action, and the impact of race on American society.

POS 4275. Political Campaigns (3). Prerequisite: POS 1041 or consent of instructor. The planning and administration of electoral campaigns for students interested in campaign participation as volunteers or professionals.

POS 4284. Courts, Law, and Politics (3). Prerequisite: POS 1041 or consent of instructor. Survey of the judicial system and its links to politics in the United States. Covers the U.S. Supreme Court, other federal courts, and state and local courts. Topics include legal education and law careers, role of lawyers in court, selection of judges, how civil and criminal cases get to and through the courts, plea bargaining, judicial decision-making, and court-citizen interaction.

POS 4413. The American Presidency (3). Prerequisite: POS 1041 or consent of instructor. The evolution and power of the American presidency and the relations of the President with the other branches of government. Also offered by the School of Public Administration and Policy.

POS 4424. Legislative Systems (3). Prerequisite: POS 1041 or consent of instructor. Reviews the political role of the Supreme Court with particular attention to case law concerning judicial review, commerce power, federalism, and presidential and legislative powers.

POS 4624. The Supreme Court, Civil Liberties, and Civil Rights (3). Prerequisite: POS 1041 or consent of instructor. Reviews recent interpretations of the Bill of Rights and 14th Amendment case law with special attention to freedom of expression, equal protection, and criminal due process rights.

Comparative Politics

CPO 2002. Introduction to Comparative Government and Politics (3). Addresses government institutions and current political parties throughout the world, as well as theories that explain similarities and differences among countries. Topics may include electoral systems, parliamentary systems, causes of political change, democratization, ideologies, political cleavages, ideologies, and economic and social policy. Examples from Western democracies, the third world, and current or former communist countries.

CPO 3830. Politics of Developing Areas (3). Prerequisite: CPO 2002 or consent of instructor. Course examines how economic and social conditions affect politics and government in Africa, Asia, Latin America, and/or the Middle East. Typical topics include theories of economic development, cultural influences on politics, religious and ethnic conflict, changing roles of women in the developing world, foreign aid, causes and consequences of poverty, causes of revolution, environmental policies, military regimes, and corruption.
CPO 3103. Comparative Government and Politics: Western Europe (3). Prerequisite: CPO 2002 or consent of instructor. Political behavior and institutions in Britain, Germany, France, and other Western European countries and governments. Focuses on contemporary political developments in Europe, such as the post-industrial society phenomenon, terrorism, Eurocommunism, and European federation.

CPO 3123. Comparative Government and Politics: Great Britain (3). Prerequisite: CPO 2002 or consent of instructor. The political and governmental system of Great Britain within a comparative framework. Topics covered may vary. Comparison and contrast with the United States emphasized.

CPO 3303. Politics of Latin America (3). Prerequisite: CPO 2002 or instructor consent. Course examines Latin American politics after the mid-20th century. Examines the historical, economic, and ideological elements in which Latin American politics is embedded. Identifies the potential future role of these countries in world affairs, North Korean nuclear development, and unification of the Korean Peninsula.

CPO 3541. Politics of China (3). Prerequisite: CPO 2002 or consent of instructor. An introduction to the politics of the People’s Republic of China, its political history and contemporary organization. Covers such topics as Chinese communism, the Cultural Revolution, the post-Mao era, the two Chinas, and popular movements and reform. Also examines current issues.

CPO 3939r. Special Topics in Comparative Government and Politics (1–3). Prerequisite: CPO 2002 or consent of instructor. Topics vary with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

InR 2002. Introduction to International Relations (3). Introduces students to the study of international relations. Major topics include the different actors that participate in international relations and the different goals they pursue, the processes of conflict and cooperation, and recent trends in international politics.

InR 3004. Geography, History, and International Relations (3). Prerequisite: InR 2002 or instructor permission. Course introduces students to the impact of geography and history on international relations and considers the ways these forces influence national and international processes. Topics include the role of geography in international economics and trade, regional integration, geopolitics, territorial and resource disputes, and how decision-makers learn from history.

InR 3064. Terror and Politics (3). Prerequisite: InR 2002 or consent of instructor. Course focuses on terrorist organizations and government responses to them.

InR 3502. International Organization (3). Prerequisite: InR 2002 or consent of instructor. Course covers the role of global and regional international organizations in contemporary world politics. Emphasis is placed on the United Nations system, including its structure, activities, influence, and role in world integration.

InR 3603. Theories of International Relations (3). Prerequisite: InR 2002 or consent of instructor. This course provides a more detailed examination of the theoretical approaches to international relations than the introductory course. Topics include the major approaches to foreign policy decision making, prominent explanations of international conflict, and process of international relations.

InR 3933r. Special Topics in International Relations (1–3). Prerequisite: InR 2002 or consent of instructor. Topics vary with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

InR 4011. Political Responses to Economic Globalization (3). Prerequisite: InR 2002. This course examines economic globalization: what it is, who is harmed and helped by it, how countries and citizens respond to it, and what the future might hold. This course focuses heavily on economic issues but assumes no background in the subject.

InR 4075. International Human Rights (3). Prerequisite: InR 2002 or permission of instructor. This course introduces the student to the philosophical and legal foundations of the international human rights regime and explores the developments of norms and institutions within a comparative framework. Covers such topics as Chinese communism, the Cultural Revolution, the post-Mao era, the two Chinas, and popular movements and reform. Also examines current issues.

InR 4087. Confronting Human Rights Violations (3). Prerequisite: InR 2002 or permission of instructor. This course investigates various means of confronting massive human rights violations, including such recent phenomena as truth commissions and parrisons to the more traditional, legalistic approach of criminal prosecution. Moral issues involved in each approach and how each serves society are explored. Specific truth commission cases are covered.

InR 4083. International Conflict (3). Prerequisite: InR 2002 or consent of instructor. This course examines historical patterns in warfare and considers the conditions that influence war and peace between nation-states. Topics include causes of war, outcomes and aftermath of war, and approaches to peace.

InR 4102. American Foreign Policy (3). Prerequisite: InR 2002 or consent of instructor. The role of the U.S. President, State Department, Congress, Central Intelligence Agency, and Defense Department in foreign policy making. Examines the contemporary process and domestic sources of foreign policy, such as the electorate, public opinion, interest groups, and the media. Looks at the past and the future of American foreign policy with an emphasis on current issues.

InR 4124. Statecraft (3). Prerequisite: InR 2002. Introduces students to the field of security studies. Provides an introduction to the competing visions of the place of the U.S. in the world, the theoretical arguments behind each approach, and how the various perspectives differ on central policy issues.

InR 4244. Studies in International Politics: Latin America (3). Prerequisite: InR 2002 or consent of instructor. Latin America in the international political system, with emphasis on the U.S.-Latin America bond 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, including 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 formulation 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. Examines the interaction between politics and economics in international relations. Emphasis on international trade, foreign direct investment, transnational corporations, regional integration, and economic development.

Public Policy

PUP 3002. Introduction to Public Policy (3). An introduction to the development of public policy in the United States. Covers main policy areas including housing, education, the economy, etc.

PUP 3323. Women and Politics (3). Prerequisite: POS 1041 or instructor permission. Course surveys the relations between gender and politics, governance, and public policy. The impact of government policies on socialization and how this socialization influences 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 and men. Examines how race and gender issues as well as 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 tactics.

PUP 4034. Organizations and Public Policy (3). Prerequisite: PUP 3002. This course is concerned with the accountability and performance of bureaucratic and their implications for democratic government. Emphasizes the role of organizations and bureaucracies in the public policy process, focusing on factors such as decision-making activities, rationality, motivation, and conflict within and among organizations.

PUP 4203. Politics of Taxing and Spending (3). Prerequisite: PUP 3002 or instructor permission. Examines public budgeting in the broadest sense of the term, through the study of taxing and spending policy in the U.S. Examines various models of fiscal choice that provide alternative perspectives for evaluating and explaining the spending and taxing choices of interest groups.

PUP 4205. 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 4931r. Special Topics in Public Policy (1–3). Prerequisite: PUP 3002 or consent of instructor. Course explores and analyzes the major think tanks, foundations, and other policy organizations that influence public policy. Topics covered may vary.

PUP 4932r. Special Topics in Public Policy (1–3). Prerequisite: PUP 3002 or consent of instructor. Course examines the varied effectiveness of interest groups and movements on public policy formation, with emphasis on resources, organizational structure, ideology, strategies, and tactics.

Political Theory

PHM 3311r. Modern Political Thought (3). Major political ideas of the modern world emphasized through a study of selected political theories; 1113 attention to differentiating modern and medieval political thought. Also offered by the Department of Philosophy.

PHM 4340r. Contemporary Political Thought (3). Emphasis on a selected set of issues, trend, or school of thought in contemporary political philosophy. Also offered by the Department of Philosophy.

POT 3301. Introduction to Political Thought (3). Study of the writings of several major political theorists of the past that define the field of political theory.

POT 4301. Political Thought in Fiction (3). An inquiry into politics and political thought as they appear in fiction, including the depiction of politics in literature, cinema, theatre, and television.

POT 3502. Politics and Ethics (3). This course examines governing as the process of collective decision-making and as a society’s search for public ethics.

POT 4004. Values and Politics: Conflicting World Views and the Issues that Divide Us (3). Prerequisites: CPO 2002; POS 1041; PUP 3713; or instructor permission. Explores the historical evolution of three competing world views—thesism, modernism, and postmodernism—beginning in the Middle Ages. Course links this evolution in Western thought to similar perspectives in how Americans view the world, especially after 1960. The resulting conflict in world views has given rise to a new agenda of value-based issues that are presently eclipsing the traditional economic issues in public debate. Through class discussion and debate on the following topics, 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 4205. American Political Thought (3). Course explores and analyzes the major thinkers of American political thought from its beginnings up to the Civil War period. Included topics are Puritanism, the American Revolution, the making and ratifying of the Constitution, Jeffersonian and Jacksonian democracy, the nature of the union, and the issue of slavery.

POT 4934r. Readings in Political Thought (3). Issues or topics in the general area of political theory determined through consultation between instructor and student. May be repeated to a maximum of nine (9) semester hours.
Graduate Courses

Comparative Politics

CPO 5091. Core Seminar in Comparative Government and Politics (3).
CPO 5127. Seminar in Comparative Government and Politics: Great Britain (3).
CPO 5407. Seminar in Comparative Government and Politics: The Middle East (3).
CPO 5740. Comparative Political Economy (3).
CPO 5934r. Selected Topics (3).
CPO 6910. Advanced Research in Comparative Politics (3).

International Relations

INR 5007. Seminar in International Relations: International Politics (3).
INR 5014. Contexts and International Relations (3).
INR 5036. International Political Economy (3).
INR 5315. Foreign Policy Analysis (3).
INR 5934r. Selected Topics (3).
INR 6910. Advanced Research in International Relations (3).

American Government

POS 5036r. Seminar in American Government and Public Policy: Selected Topics (3).
POS 5127. State Government and Politics (3).
POS 5206r. Selected Topics in Political Behavior (3).
POS 5277. Electoral Politics (3).
POS 5427. Legislative Politics (3).
POS 5456. Interest Groups and Policy (3).
POS 5698r. Selected Topics (3).

Methods of Political Analysis

POS 5723r. Game Theory (3).
POS 5736r. Research Design (3).
POS 5737r. Political Science Data Analysis (3).
POS 5746r. Quantitative Analysis in Political Science (3).
POS 5747r. Advanced Quantitative Analysis in Political Science (3).
POS 5915. Political Science Research Practicum (3).

Political Theory

POT 5934r. Seminar in Political Thought (3).
POT 5936r. Selected Topics (3).

Public Policy

PUP 5005. Public Policy: Institutions and Processes (3).
PUP 5006. Policy Implementation and Evaluation (3).
PUP 5007. Models of Public Policy-Making (3).
PUP 5015. Comparative Public Policy (3).
PUP 5607. Politics of Health Policy (3).
PUP 5932r. Selected Topics (3).
PUP 6910. Advanced Research in Public Policy (3).

Other

POS 5909r. Directed Individual Study (1–3).
POS 5919r. Supervised Research (1–5). (S/U grade only.)
POS 5846r. Teaching Political Science at the College Level (3).
POS 6930r. Profession of Political Science (0–6). (S/U grade only.)
SYD 5145. Population Policy (3).

Applied American Politics and Policy

POS 5085. Governmental Relations for Business (3).
POS 5096. Political Fundraising (3).
POS 5203. Fundamentals of Political Management (3).
POS 5274. The Campaign Process (3).
POS 5276. Political Communication and Message Development (3).
POS 5335. Political Research (3).
POS 5465. Lobbying (3).
POS 5905. Applied Program Planning (1). (S/U grade only.)
POS 5944r. Professional Practicum/Internship (3–12).

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

POPULATION: see Graduate Bulletin
PORTUGUESE: see Modern Languages and Linguistics
PRELAW EMPHASIS: see Communication
PREPROFESSIONAL AREAS: see College of Medicine
PSYCHOBIOLOGY/NEUROSCIENCE: see Graduate Bulletin

Department of PSYCHOLOGY

COLLEGE OF ARTS AND SCIENCES
Chair: Janet Kistner; Associate Chair: Berler; Professors: Bailey, Baumeister, Berkley, Carbonell, Charness, Contreras, Ericsson, Glendenning, Hull, Hyson, Joiner, Kistner, Lang, Lonigan, Schmidt, Spector, Tice, Torgesen, Wagner, Wang; Associate Professors: Eckel, Johnson, Kelley, B. Licht, M. Licht, Loney, Meyer, Plant, Radach, Schatschneider, Taylor; Assistant Professors: Belaños, Ehrlinger, Kaschak, Maner, Ward; Research Associates in Psychology: Akbar, Berler, Henderson, Sachs-Ericsson, Warmath; Associate in Psychology: Murphy; Assistants in Psychology: Kline, Weit; Administrative and Professional: Bigbie, Donaldson, Harris, Saunders; Associated Faculty:
Davis, Ferris, Kemper, Kerr, O’Kon, Patrick, K. Schmidt, Sullivan, Tennenbaum; Professors Emeriti: Brigham, Hokanson, Kennedy, Kenshalo, Megargee, Miller, Rashotte, Smith, Stephan, Weaver

The undergraduate program in psychology offers introductory survey courses to give the liberal studies student a broad background in the study of behavior, as well as upper-division courses for the advanced student who has more specialized interests. The undergraduate major includes a rigorous course of study that covers the methodology and content needed to understand the causes of behavior in humans and animals. It is the intent of the program that the level of knowledge attained by the successful major will be such that the student is well prepared for graduate-level studies in any of the specialty areas in psychology. Likewise, the undergraduate program will provide excellent preparation for those interested in advanced training in a professional school (e.g., law or medical school), although additional course work outside psychology may be required. Although some students may not wish to pursue graduate studies, this program assures that the successful major will attain a strong science-based liberal arts education.

Majors are required to take three laboratory courses, and qualified students are encouraged to work in the department’s research laboratories or to participate in research in educational and clinical settings. Students are strongly encouraged to consult early and regularly with the departmental advisement office to be sure they are meeting program requirements and to ask about opportunities for intensive study in a specialty area while pursuing the major. To make an appointment with an adviser, please call (850) 644-4260 or e-mail 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in psychology satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, or BSC 2101L.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this university degree program. Specific prerequisites are required for admission into the upper-division program and must be completed by the student at either a community college or a state university prior to being admitted to this program. Students may be admitted into the University without completing the prerequisites, but may not be admitted into the upper-division program.

The following lists the common prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. One course (three [3] semester hours) in any level general biology course or BSC X200–209 or ZOO X010
2. PSY X012
3. Any lower-level psychology class within the psychology inventory (three [3] semester hours)
4. One course (three [3] semester hours) of any level general psychology

Admission Requirements for a Major in Psychology

Admission to the undergraduate program in psychology is based on a minimum GPA and the successful completion of prerequisite course requirements.

Note: While some of these requirements overlap with the State of Florida Common Course Prerequisites (listed above), there are additional requirements for formal admission to the psychology major. Note also that students with more than one hundred twenty (120) earned semester hours are not admissible.

1. A minimum GPA of 2.8 in all college-level courses attempted
2. Meet requirements for progression to upper division status
3. Completion of the three (3) courses listed below (each with a “C–” or better). These 3 courses should be taken as part of the liberal studies requirements or the A.A. degree.
   a. PSY 2012
   b. One biology course, chosen from among BSC 1005, 2010, 2085, 2086, PCB 2099, PSB 2000, or equivalent
   c. STA 2122, 2171, or equivalent

Requirements for a Major

Note: The following graduation requirements apply to all students formally admitted to the upper division major on or after August 28, 2006. Mapped students who qualify for formal admission on or after August 28, 2006 must maintain a minimum GPA of 2.8 to stay in the major. For students formally admitted to the upper division major prior to August 28, 2006, please see the department’s Web site at http://www.psy.fsu.edu or contact the Psychology Advising Office at 644-4260 for requirements of the previous curriculum. Please note that mapped students who qualify for formal admission before August 28, 2006 must maintain a minimum GPA of 2.6 to stay in the major.

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Please also see the section in this General Bulletin on university-wide undergraduate degree requirements regarding the following: multi-cultural, oral communication competency, and computer skills competency. For the bachelor of science (BS) degree in psychology, the requirements listed below, along with the requirements of the College of Arts and Sciences, must be fulfilled. For the bachelor of arts (BA) degree, nine (9) additional semester hours in the humanities and history are required above and beyond the requirements for the BS degree.

The Department of Psychology offers a broad selection of courses in order for each student to select a curriculum appropriate for his/her needs. All students must fulfill the major requirements listed below, which ensure a balanced program of study. Any of the courses listed below, if presented by the student toward fulfillment of the major, must be completed with a minimum grade of “C–”. Additionally, no student who has accumulated more than four grades below “C–” (D+, D–, D, F, U) in psychology courses or prerequisite courses for the major taken for credit at Florida State University or elsewhere will be permitted to continue toward a degree with a major in psychology.

In an effort to maintain quality and to give students a direct way to affect the program, the Department of Psychology asks all of its graduating seniors to complete a survey to provide information about their experiences in and impressions of the department.

Class Attendance

The Department of Psychology enforces a strict first-day attendance policy. Students missing the first day of any class will be dropped.

Required Upper-Level Courses for a Psychology Major

Note: EXP 3202C, 3203C, 3422C, 3604C, PSY 3213C and PSB 3004C are each four (4) hour courses with both lecture and laboratory components. These courses previously were three (3) hour lecture courses and separate one (1) hour laboratory courses.

Thirty-six (36) semester hours of psychology courses (not including general psychology) are required for the major. At least eighteen (18) of these thirty-six (36) hours must be taken in residence at FSU. The thirty-six (36) hours must include:

**Group 1: Research Methods. STA 2122 or 2171 is a prerequisite.**

- PSY 3213C Research Methods in Psychology with Laboratory (4)

**Group 2: Neuroscience. Students must take one course, totaling three to four (3–4) semester hours, from this group.**

- EXP 3202C Sensation & Perception with Laboratory (4)
- EXP 3203C Animal Sensory Processes with Laboratory (4)
- PSB 2000 Brain and Behavior (3)
- PSB 3004C Physiological Psychology with Laboratory (4)
- PSB 4461 Hormones & Behavior (3)
Note: If PSB 2000 was used for the biology requirement for entrance into the major, it cannot also fulfill Group 2.

Group 3: Social, Cognitive, and Developmental Psychology

Students must take two courses, totaling six to seven (6–7) semester hours, from this group. Only one of these can have a DEP prefix.

- DEP 3103 Child Psychology (3)
- DEP 4404 Psychology of Adult Development and Aging (3)
- EXP 2020 Mind and Cognition (3)
- EXP 4640 Psychology of Language (3)
- EXP 3404 Human Memory and Learning (3)
- EXP 3604C Cognitive Psychology with Laboratory (4)
- SOP 3004 Social Psychology (3)

Group 4: Lecture/Laboratory Courses

Students must take two courses from the list below. Each course contains a lecture and laboratory component.

- EXP 3202C Sensation and Perception with Laboratory (4)
- EXP 3422C Conditioning and Learning with Laboratory (4)
- EXP 3604C Cognitive Psychology with Laboratory (4)
- PSB 3004C Physiological Psychology with Laboratory (4)

Note: If students use one or more courses from Group 4 to fulfill requirements from Group 2 and/or Group 3, they can still count them toward the Group 4 requirements. By double-counting these courses, students will not be able to graduate with fewer hours in the major; they will then take more psychology electives (Group 5) to total thirty-six (36) semester hours. Group 4 adds between zero and 8 hours of credit, depending on how many courses are double counted.

Group 5: Psychology Electives

Students must take enough psychology elective courses to total thirty-six (36) semester hours of psychology courses (not including general psychology). Group 5 adds between 14 hours and 21 hours of credit.

a. Up to six (6) total hours of either directed individual study (DIS: PSY 4911-4914) and/or research topics (PSY 4920) can count toward psychology electives. These are taken by permission of instructor only. They can be taken as early as the first semester of sophomore year. Students can take more than 6 hours of these research experience courses (12 hours DIS; 12 hours PSY 4920), but only 6 hours total will count toward the psychology major.

b. Honors thesis work (PSY 4039r). Students can use honors thesis work to bring the total number of hours of “research experience” to 9 hours maximum. For example, if a student took 6 combined hours of PSY 4920 and PSY 4911, he/she can count an additional 3 hours of honors thesis work toward the major.

c. Courses with a WST prefix will not count toward psychology electives even though they are listed on the psychology course look up.

Psychology electives can include any psychology courses not listed above, as well as classes listed under Groups 2, 3, or 4 as long as they have been used to fulfill other requirements.

e. For students who have not taken any 4000-level psychology courses to fulfill requirements, at least 3 hours of psychology electives must be a 4000 level course, which cannot include PSY 4911-14, PSY 4920, or PSY 4039.

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 greatly to one’s preparation for graduate studies in psychology and related fields. Students must be admitted into the University 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. Once admitted to the University Honors Program, students must identify a psychology faculty mentor for supervision of their honors thesis research.

Requirements for a Minor in Psychology

Twelve (12) semester hours of psychology are required for a minor in psychology. One of these courses 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 Florida State University. No courses used for satisfying the liberal studies requirements may count toward the minor, nor may any courses taken for an S/U grade.

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, neuroscience, and social psychology. 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.

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

Admission requirements for the Panama City campus are:

1. An AA degree from a Florida public institution, or satisfaction of the Florida State University liberal studies requirement
2. A minimum GPA of 2.8 in all attempted courses
3. Completion of the three (3) courses listed below (each with a “C–” or better). These 3 courses should be taken as part of the liberal studies requirements or the AA degree.
   a. PSY 2012
   b. One biology course, chosen from among BSC 1005, 2010, 2085, 2086, PCB 2099 or PSB 2000
   c. STA 2122, 2171, or equivalent

Required Upper-Level Courses for a Psychology Major at Panama City

Graduation requirements for the psychology major are the same as those at the Tallahassee campus.

Definition of Prefixes

- CBH—Comparative Psychology and Animal Behavior
- CLP—Clinical Psychology
- DEP—Developmental Psychology
- EAB—Experimental Analysis of Behavior
- EXP—Experimental Psychology
- INP—Industrial and Applied Psychology
- ISC—Interdisciplinary Sciences
- PPE—Personality
- PSB—Psychobiology
-
PSY — Psychology

SOP — Social Psychology

Undergraduate Courses

General Psychology

PSY 2012. General Psychology (3). A broad introduction to the field of psychology covering such topics as learning, perception, intelligence, personality, social behavior, neurosis, development, psychological, and abnormal behavior.

PSY 2023. Cognitive Psychology (3). (SU grade only) Prerequisite: PSY 2012. This course is intended for psychology majors who are uncertain about their career goals. Students learn what career opportunities are available in psychology and related fields and what these careers involve. Students are encouraged to take this course early in their undergraduate years so that they can pursue opportunities at FSU that will help prepare them for their chosen career paths.

PSY 3213C. Research Methods in Psychology with Laboratory (4). Prerequisites: PSY 2012; STA 2122 or 2171. Introduction to philosophical and methodological issues in the empirical study of psychology. Laboratory portion includes running simple experiments, analyzing data, and interpreting the results.

CLP 4314. 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 disorder/hyperactivity disorder, and learning disabilities.


CLP 4182. Addictive Behaviors (3). Prerequisites: Junior or senior standing; 3.0 GPA or permission of instructor. This course addresses the broad concept of "addiction," emphasizing substance use problems, but touching on other gratifying compulsive behaviors such as overeating, gambling, and certain sexual deviations. Critical thinking about the available theoretical, empirical, and popular literature as well as relevant public policy is the focus.

CLP 4433r. Current Issues in Clinical Psychology (3). Prerequisites: PSY 2012; junior or senior standing. A study of current issues in clinical psychology. May be repeated to a maximum of six (6) semester hours.

PPE 3003. Psychology of Personality (3). Prerequisite: PSY 2012. An introduction to methods, theory, and research in personality.

PSY 4302. Theory, Application, and Evaluation of Tests (3). Prerequisite: PSY 3213C. Basic test and measurement theory essential in the construction, appropriate use, and evaluation of achievement, aptitude, intelligence, interest, and personality tests.

Life-Span Development

DEP 3103. Child Psychology (3). Prerequisite: PSY 2012. This course provides broad coverage of topics concerning the biological, social, and cognitive aspects of children.

DEP 3305. Psychology of Adolescent Development (3). Prerequisite: PSY 2012. Recent developments dealing with adolescent development is placed on the influence of growth and on the role of cultural pressures on behavior.

DEP 4404. Psychology of Adult Development and Aging (3). Prerequisite: PSY 2012. The emphasis on the psychological and sociological 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.

Social

SOP 3004. Social Psychology (3). This course involves the scientific study of how people think about, influence, and relate to one another. Subjects include individual, cultural, behavioral, and biological levels of analysis. Completion of PSY 2012 is recommended prior to this course.

SOP 3742. Psychology of Women (3). Prerequisite: PSY 2012. Systematic study of research and theory including psychological differences and similarities between sexes.

SOP 3801. Psychology and the Law (3). Prerequisite: PSY 2012. An examination of the interface between psychology and legal issues. Research on judges, juries, defendants, and police are among topics covered, as well as the role of psychologists in the legal system.

SOP 3872. Psychology of the African-American (3). Prerequisite: PSY 2012. A critical examination of the psychocultural forces that shape and determine the unique behavior of African-Americans.

SOP 4214. Experimental Social Psychology (3). Prerequisites: PSY 2012; SOP 3004. Course covers in-depth analysis of several central areas of social psychology with an emphasis on designing and carrying out research in these areas.

SOP 4722. Prejudice and Stereotyping (3). Prerequisites: PSY 3213C; SOP 3004. This course explores the nature of prejudice and stereotyping in our society using a social psychological perspective.

Behavioral–Performance Management

EAB 3703. Applied Behavior Analysis (3). This course introduces the basic principles of behavior and exposes students to settings where techniques based on learning theory can be observed and evaluated.

INP 3303. Business Psychology (3). Prerequisite: PSY 2012. Vocational selection, psychological principles of supervision and leadership, emotional problems of employees, selling, and advertising.

INP 3313. Behavior Analysis in Business and Industry (3). Prerequisites: EAB 3703; EXP 3422C; PSY 2012. Behavior principles as they are applied in business, industry, and government.

INP 4314. Advanced Topics in Performance Management (4). Prerequisites: INP 3313; permission of instructor. Implementation and analysis of performance management principles via a project carried out in a business setting; motivation, compensation, and settings are press in performance technology.

Multiple Areas

ISC 3076. Science, Technology, and Society (3). Science is considered as an enterprise in modern society that produces technological advances and new perspectives on reality. Interrelations among science, technology, and society are examined. Enrollment is open to students who have attained a level of proficiency or permission by instructor.

PSY 3490r. Cooperative Education Work Experience (6). (SU grade only.)

PSY 4639r. Honors Work (1–6). May be repeated to a maximum of nine (9) hours. Prerequisites: Junior standing; permission of instructor. Directed Individual Study (one to three [1–3] hours each). (SU grade only.) Prerequisites: Sophomore or higher standing; consent of instructor. Study on a selected topic as designated by the student and the directing professor. Each course may be repeated to a maximum of three (3) semester hours.

PSY 4920r. Research Topics (1–3). (SU grade only) Prerequisites: Sophomore or higher standing; consent of instructor. Participation in a group research project on a selected topic as designated by the directing professor. May be repeated to a maximum of twelve (12) semester hours, with a maximum of six (6) hours repeatable in a given semester.

PSY 4930r. Special Topics in Psychology (3). May be repeated to a maximum of nine (9) semester hours. A maximum of two (2) special topics courses may be taken in the same semester.
Graduate Courses

General
PSY 5605. History and Systems of Psychology (3).
PSY 6945. Teaching Psychology Practicum (3).

Applied Behavior Analysis
EAB 5700. Basic Principles of Behavior (3).
EAB 5701. Basic Methods of Applied Behavior Analysis (3).
EAB 5710. Behavioral Analysis in Developmental Disabilities and Autism (3).
EAB 5711. Behavioral Analysis in Mental Health and Aging (3).
EAB 5721. Behavioral Analysis in Education and Performance Management (3).

EAB 5790. Ethical and Professional Issues in Applied Behavior Analysis (3).
EAB 5940. Applied Behavioral Analysis Practicum (3). (S/U grade only.)
EAB 5941. Applied Behavioral Analysis Practicum (3). (S/U grade only.)
EAB 5942. Applied Behavioral Analysis Practicum (3). (S/U grade only.)
EAB 6130r. Seminar on Skinner’s Theory of Behaviorism (3).

Clinical: Personality
CLP 5196. Techniques of Behavioral Change (3).
CLP 5375. Concepts and Methods of Clinical Psychology (3).
CLP 5475. Child Psychopathology and Intervention (3).
CLP 5624. Ethics and Standards of Professional Practice (3). (S/U grade only.)
CLP 5941r. Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only.)
CLP 5942r. Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only.)
CLP 6169. Abnormal Psychology for Graduate Students (3).
CLP 6349r. Seminar in Clinical Theory (3).
CLP 6920r. Current Issues in Clinical Psychology (1). (S/U grade only.)
CLP 6944r. Clinical Practicum: Change of Behavior [one to three (1–3) hours each]. (S/U grade only.)
CLP 6947r. Clinical Practicum: Change of Behavior [one to three (1–3) hours each]. (S/U grade only.)

PPE 5055. Personality Theory (3).
PSY 5325. Assessment I (3).
PSY 5326. Assessment II (3).
PSY 6940r. Psychological Clerksip (3–6). (S/U grade only.)
PSY 6948r. Psychology Internship (1–6). (S/U grade only.)

Human Learning and Cognition
EXP 5508. Cognition and Perception (3).
EXP 5642. Psychology of Language (3).
EXP 6609r. Seminar in Higher Mental Processes (3).
EXP 6920r. Issues in Cognitive Science (1). (S/U grade only.)

Life-Span Development
DEP 5165. Developmental Psychology (3).

Psychobiology/Neuroscience
EXP 5406. Conditioning and Learning (3).
EXP 5717. Animal Psychophysics (3).
PCB 5845. Cell and Molecular Neuroscience (4).
PSB 5056. Biological Psychology (3).
PSB 5057. Neuroscience Methods: Molecules to Behavior (2). (S/U grade only.)
PSB 5077. Responsible Conduct of Research (2).
PSB 5216. Anatomy of the Nervous System (3).
PSB 5218L. Neuroanatomy Laboratory (1).

Comparative Neuroanatomy Laboratory (1).
Systems and Behavioral Neuroscience (4).
Seminar in Physiological Psychology (3).
Current Problems in Neuroscience (2). (S/U grade only.)
Neuroscience Colloquium (1). (S/U grade only.)
Seminar in Neuroscience (1–2).

Social
SOP 5053. Social Psychology (3).
SOP 6848. Seminar in Psychology and Law (3).
SOP 6920r. Current Issues in Social Psychology (1). (S/U grade only.)
SOP 6939r. Seminar in Social Psychology (3).

Multiple Area Courses
PSY 5908r. Directed Individual Study (1–3). (S/U grade only.)
PSY 5916r. Selected Research Topics (3).
PSY 5917r. Supervised Research (1–5). (S/U grade only.)
PSY 5947. Supervised Teaching (1–5). (S/U grade only.)
PSY 6919r. Seminar in Current Research Topics (1–3).

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

Reubin 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: Brower, Coursey; Assistant Professor: Yang; Visiting Professors and Adjunct Faculty: Criso, Long, Parry, Sheffield; Professors Emeriti: Chackerian, Grizzle, Hartsfield, Page, Sherwood, Waldby

The Reubin O’D. Askew School of Public Administration and Policy is one of the most highly ranked schools of its type in the nation. The school does not offer a major to undergraduate students, but it does offer a minor as well as a concentration in the interdisciplinary program in social science (ISS). For more information on the ISS, please contact the College of Social Sciences, Office of the Dean.

A minor in public administration is available to students in all majors except political science, where undergraduate courses in public administration are applied directly to the political science major. For other students, the minor in public administration consists of four courses, totaling twelve (12) semester hours, that are passed with a grade of “C” or better. Courses should be approved by the school in consultation with the student. Topics in regularly scheduled undergraduate classes include:

- Public administration in American society
- Budgets and finances in managing public affairs
- American public service
- Administrative law
- Local government administration
- American legal systems
- Selected topics in public administration
- Directed individual study (faculty approval required)
- Civic and non-profit management

One of the following Department of Political Science courses may be substituted for one of the above: 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 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 administrative and policy roles in a variety of public sector and nonprofit environments. The doctorate is a research degree designed to prepare students for college and university teaching, advanced research, and advanced administrative practice.

The school also offers dual degrees with the College of Law (MPA/JD), the College of Social Work (MPA/MSW), the College of Criminology and Criminal Justice (MPA/MSC), the Department of Urban and Regional Planning (MPA/MSP), 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 well as an area of specialization within other degree programs. The study of public administration adds a dimension to career competencies, enhancing the student’s career mobility, flexibility, and opportunities.

Additional information (such as handbooks and syllabi) is available on the Askew school’s home page: http://askew.fsu.edu.

Definition of Prefixes

PAD—Public Administration
POS—Political Science

Undergraduate Courses


PAD 3013. Futures Studies (3). This course applies futures studies perspectives and methods to the study of societal trends and conditions. Emphasis is on the development of anticipatory public policy.

PAD 3931r. Selected Topics in Public Administration (1–6). Varying topics. Contact school. May be repeated to a maximum of nine (9) semester hours.

PAD 3941r. Public Service Internship (3–4). (S/U grade only.) Prerequisite: PAD 3003 or equivalent. Participant observation of the administration of policy in public service organizations. Internship with faculty supervision, on-campus seminars, discussion papers. May be repeated to a maximum of six (6) semester hours.

PAD 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

PAD 4223. 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 teach the principles and skills of strategically managing agencies and communities. Strategic planning, community visioning, and organizational assessments will be covered. Managerial leadership roles and responsibilities in organizing 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 4993. 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 the theory, design, and implementation of quality management systems in public organizations compared to that in other sectors of the economy. Examines the need for and origins of quality management philosophies, techniques, transition strategies, case studies, and future scenarios. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

PAD 5035. Policy Development and Administration (3).

PAD 5041. Public Service Ethics (3).

PAD 5050. The Profession of Public Administration (3).

PAD 5106. Public Organizations (3).

PAD 5227. Managing Public Financial Resources (3).

PAD 5275. Political Economy of Public Administration (3).

PAD 5327. Public Program Evaluation (3).

PAD 5335. Strategic Leadership for Communities (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 5607. Professional Topics in Public Administration (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 5710. Information Resource and Communication Management (3).

PAD 5826. Intergovernmental Management and Relations (3).

PAD 5846. Health Policy and Public Administration (3).


PAD 5907r. Directed Individual Study (1–3). (S/U grade only.)

PAD 5915r. Supervised Research (1–5). (S/U grade only.)

PAD 5946. Public Service Internship (3). (S/U grade only.)

PAD 5949r. Supervised Teaching (1–5). (S/U grade only.)

PAD 6054. Intellectual History and Future of Public Administration (3).

PAD 6075. Advanced Administrative Theory (3).

PAD 6102. Administrative Behavior in Public Organizations (3).

PAD 6103. Cultural Analysis and Organizations (3).

PAD 6107. Seminar: Public Organizational Development (3).

PAD 6108. Institutions, Policy, and Management (3).

PAD 6109. Institutions and Society (3).

PAD 6115. The Executive (3).


PAD 6207. Financial Resources Administration (3).

PAD 6226. Public Budgeting Simulation and Issues (3).

PAD 6300. Governmental Administration in Florida (3).


PAD 6705. Analytic Techniques for Public Administrators (3).

PAD 6707. Logics of Inquiry (3).

PAD 6908. Action Report (3).

PAD 6930r. Professional Topics in Public Administration (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.
determines the courses needed to satisfy this requirement. Undergraduate majors in religion satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

**State of Florida Common Course Prerequisites**

No statewide common course prerequisites have been identified for this program. However, faculty in this program recommend that students take several courses with REL prefix at the lower level.

**Degree in Religion**

**Major**

To complete a bachelor of arts (BA) degree with a major in religion, a student must take (in addition to other college requirements) thirty (30) semester hours of religion courses. For purposes of the major requirement, religion courses are divided into the following three (3) areas:

- **Western:** REL 2121, 2210, 2243, 3128, 3146, 3280, 3293r, 3363, 3370, 3430, 3505, 3600, 4203r, 4290r, 4320r, 4323, 4324, 4511, 4541, 4564, 4611, 4613, 4671, 4914r
- **Asian:** REL 2315, 2350, 3316, 3335, 3337, 3340, 3358, 4333, 4359r, 4908r, 4912r
- **Issues and Approaches:** REL 3142, 3145, 3170, 3177r, 3191, 3194; PHI 3700

Note: The areas in which REL 3936r, 4190r, 4304r, 4491r, 4905r, and 4932r fall depend on the topic. Students should inquire at the department office for a current list of all courses and their areas.

Majors must take at least three (3) semester hours in each of the three areas listed above. In addition, at least eighteen (18) semester hours must be at the 3000/4000 level, of which six (6) hours must be numbered 3936 or above. Majors must take at least one religion course with a seminar format (either a course listed as a seminar or one approved as such by the department). REL 1300 is not applicable toward the requirements for the major. Courses in which the student receives a grade below “C-” will not be counted toward the major.

To be eligible for graduation, students majoring in religion must complete an exit interview or survey.

**Minor**

The religion major requires the completion of a minor in another department or program.

**Honors in the Major**

The Department of Religion offers an honors program in religion to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Joint Major in Religion and Classics**

The Departments of Religion and Classics 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; classics; English; history; philosophy; and sociology. Students undertaking a major or minor in religion should discuss such courses with the undergraduate adviser in religion.

**Minor in Religion**

Students majoring in other disciplines and wishing to minor in religion must take a minimum of twelve (12) semester hours in the religion
Definition of Prefixes

**HBR**—Modern Hebrew Language

**PHI**—Philosophy

**REL**—Religion

**SRK**—Sanskrit Language

### Undergraduate Courses

**HBR 1102, 1103, Beginning Hebrew I, II (4).** Introduction to the basic grammar, syntax, and phonology of modern and classical Hebrew. Meets the foreign language requirement for the B.A. major. No language laboratory required.

**HBR 2222. Intermediate Hebrew (4).** Translation and commentary on selected Hebrew readings. Meets the foreign language requirement for the BA degree. No language laboratory required.

**PHI 1965. Philosophy of Religion (3).** Philosophical analysis of major problems in religion: religious language, faith, revelation, existence and nature of God, immortality. Also offered by the Department of Philosophy.

**REL 1200. Introduction to World Religions (3).** A survey of the major living religious traditions of the world, with attention to their origins in the ancient world and their classic beliefs and practices.

**REL 2121. Religion in the United States (3).** An examination of the nature of religious movements and institutions in the United States.

**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 religions of ancient and modern times are covered.

**REL 3054. Criticism of Religion (3).** This course is an introduction to the major thinkers and texts in the critique of religion as it developed in the 19th and 20th centuries in the west. Beginning with Kant, the course moves on to consider the so-called “masters of suspicion”—Feuerbach, Marx, Nietzsche, and Freud. By means of a close examination of central texts, students explore the meaning of a critique of religion, the structure of religious consciousness, the place of religion with respect to other forms of culture, the problem of religion and alienation, and the possibility of a critical faith.

**REL 3128r. Topics in Religion in the Americas (3).** Prerequisite: REL 2121 or instructor’s consent. May be repeated to a maximum of six (6) semester hours.

**REL 3142. Religion, the Self, and Society (3).** Interpretation of religious phenomena by the major social theorists of modern times. The course is divided into two parts: the psychology of religion and the sociology of religion.

**REL 3145. Biblical Theology and Interpretation (3).** A consideration of the impact of gender on religion. Includes cross-cultural studies, theoretical works, and gender issues within religious traditions.

**REL 3170. Religious Ethics and Moral Problems (3).** A discussion of contemporary moral problems such as deception, sexual activities and relations, and capital punishment from the standpoint of major religious traditions.

**REL 3180r. Topics in Religion (3).** Consideration of themes and problems in modern ethics. May be repeated to a maximum of six (6) semester hours.

**REL 3191. Death and Dying (3).** Practical and theoretical perspectives on the critical dimensions of death as it is experienced in modern society.

**REL 3355. Hindu Texts and Contexts (3).** A study of selected Hindu scriptures, their commentary traditions, and their religious and cultural contexts. Topics vary; may include devotional (bhakti) poetry, Ramayana, Bhagavad Gita, etc. May be repeated to a maximum of nine (9) semester hours.

**REL 3357. Goddesses, Women, and Power in Hinduism (3).** Female power in Hindu cosmology, mythology, and society. A study of Hindu goddesses, women, and female symbolism and the multifaceted relationship among them.

**REL 3340. The Buddha Tradition (3).** A survey of the Buddhist tradition from its beginnings through the modern period. Some attention is devoted to studies of the Pali canon. May be repeated to a maximum of nine (9) semester hours.

**REL 3337. Godlessness, Women, and Power in Hinduism (3).** Female power in Hindu cosmology, mythology, and society. A study of Hindu goddesses, women, and female symbolism and the multifaceted relationship among them.

**REL 3358. Tibetan and Himalayan Religions (3).** Historical and thematic survey of the religions of Tibet and the Himalayas, including Nepal, Bhutan, and Sikkim. The course emphasizes significant facets of this region’s rich cultural heritage, including religion, literature, art, and politics.

**REL 3383. The Islamic Tradition (3).** An introduction to the basic terms and history of the religious tradition of Islam.

**REL 3430. Issues and Thinkers in Western Religious Thought (3).** An introduction to the Western tradition of religious thought as illustrated by the writings of some of its greatest representatives. Readings in such primary sources as Augustine, Dante, Erasmus, Luther, Pascal, Hegel, and Kierkegaard.

**REL 3493. Religion and Science (3).** This course provides an historical and philosophical analysis of major questions in the relationship between religion and science.

**REL 3505. The Christian Tradition (3).** The major beliefs, practices, and institutional forms of Christianity in historical perspective.
RESEARCH AND EVALUATION:  
see Educational Psychology and Learning Systems

RESEARCH DESIGN AND STATISTICS:  
see Educational Psychology and Learning Systems

RHETORIC:  
see English

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for this department’s University degree programs. Specific prerequisites are required for admission into these upper-division programs and must be completed by the student at either a community college or a state university prior to being admitted to these programs. Students may be admitted into the University without completing the prerequisites, but may not be admitted into these programs.

The following lists the common prerequisites or their substitutions necessary for admission into these upper-division degree programs:

**Risk Management/Insurance**

1. ACG X021, or ACG X001 and ACG X011
2. ACG X071
3. CGS X100*
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100

*Note:* Courses marked with an asterisk (*) have at least one acceptable substitute. Contact the department for details.

**Real Estate**

1. ACG X021, or ACG X001 and ACG X011
2. ACG X071
3. CGS X100*
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 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 course prerequisites for risk management/insurance majors; 3) the general business core requirements for risk management/insurance majors; 4) the general business breadth requirements for risk management/insurance majors; and 5) the major area requirements for risk management/insurance majors.

*Note:* To be eligible to pursue a risk management/insurance major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

**General Business Core Requirements**

All risk management/insurance majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.
General Business Breadth Requirements

All risk management/insurance majors must complete five (5) courses as follows. Each course selected must be completed with a grade of “C–” or better.

- RMI 3043 Real Estate (3)
- RMI 3011 Risk Management and Insurance (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)
- ISM 3003 Foundations of 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 3290 Quantitative Methods for Business Decisions (3)

Major Area Requirements

All risk management/insurance majors must complete six (6) courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the risk management/insurance major area requirements.

- RMI 4115 Life Insurance Products (3)
- RMI 4224 Property and Casualty Insurance Products (3)
- RMI 4292 Property and Casualty Insurance Operations (3)
- RMI 4347 Commercial Risk Management (3)

Plus at least two (2) electives from the following list of courses:

- RMI 4135 Employee Benefit Plans (3)
- RMI 4295 Advanced Property and Casualty Insurance (3)
- RMI 4420 Legal and Political Aspects of Insurance (3)

Students also should consider completing RMI 4308r Seminar in Risk and Its Control (3); topics in this course vary by term. Selection of electives should be made after consultation with a faculty adviser in order to satisfy the student’s interests and to qualify the student for the state licensing examinations and professional designations.

Real Estate Program

The real estate program provides a foundation for students seeking a broad understanding of the real estate market and its participants. Students are introduced to such concepts as urban economics, market behavior, valuation, finance, investment analysis, and real estate law. In general, the curriculum is designed to develop the fundamental skills necessary to make effective real estate business, investment, and consumption decisions. More specifically, the program equips students to enter a wide variety of real estate related professions (e.g. investment and portfolio analysis, institutional lending and mortgage banking, brokerage, appraisal, property management, and property development).

Completion of the real estate major meets or exceeds the educational requirements necessary to take the state examinations required to receive the real estate sales associate license in Florida. In addition to the real estate major, the state’s Uniform Standards for Professional Appraisal Practice (USPAP) course must be completed to take the state examinations for appraisal certification in Florida.

Requirements for a Major in Real Estate

All students must complete: 1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; 2) the State of Florida common course prerequisites for real estate majors; 3) the general business core requirements for real estate majors; 4) the general business breadth requirements for real estate majors; and 5) the major area requirements for real estate majors.

Note: To be eligible to pursue a real estate major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All real estate majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course.

- RMI 3043 Real Estate (3)
- RMI 3011 Risk Management and Insurance (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)
- ISM 3003 Foundations of 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 3290 Quantitative Methods for Business Decisions (3)

Major Area Requirements

All real estate majors must complete the following five (5) courses. A grade of “C–” or better must be earned in each course used to satisfy the real estate major area requirements.

- RMI 4103 Real Estate Appraisal (3)
- RMI 4143 Real Estate Market Analysis (3)
- RMI 4204 Real Estate Finance (3)
- RMI 4313 Real Estate Feasibility Analysis (3)
- RMI 4433 Legal Environment of Real Estate (3)

Selection of upper-division electives to satisfy the University-wide total hours requirement should be made after consultation with the student’s faculty adviser.

Definition of Prefixes

BUL—Business Law
REE—Real Estate
RMI—Risk Management/Insurance

Undergraduate Courses

BUL 3310. The Legal Environment of Business (3). An introduction to the legal setting in which business operates. Emphasis on public and regulatory law and on the social, political, and ethical aspects of legal issues in business. Students included the nature of law and legal process, administrative law, business and the Constitution, statutory and common law, agency/unemployment law, and related topics. Credit: 3 hours.

BUL 3330. Law for Accountancy (4). An introduction to the principles of law as applied to the accounting profession, including contracts, agency, partnerships and corporations, property, wills, trusts, securities regulation, consumer protection, and antitrust. Students may not receive credit for both BUL 3310 and 3330. Credit: 3 hours.


REE 3043. Real Estate (3). Survey introduction to real estate, real estate evaluation, and real estate investment decision making. The course, in addition to REE 4433, meets the FREC educational requirement for real estate sales licensing. Credit: 3 hours.

RMI 3011. Risk Management/Insurance (3). Prerequisite: STA 3014. An introduction to the principles of risk management and insurance and their application to personal and commercial pure risk problems. Credit: 3 hours.
RE 4103. Real Estate Appraisal (3). Prerequisite: REE 3043. The course acquaints the student with the appraisal process and the basics of appraisal language. It also demonstrates the application of a variety of valuation techniques to both residential and income properties.

RE 4143. Real Estate Market Analysis (3). Prerequisites: REE 3043, 4103. (Note: REE 4103 and 4143 cannot be taken concurrently.) Topics in this course include techniques of real estate market analysis, survey research, and applications of computers to real estate problems.


RE 4313. Real Estate Feasibility Analysis (3). Prerequisites: REE 3043; either REE 4103, 4204, or permission of the department. A course synthesizing real estate finance, investment analysis, and project planning. Project oriented, treating the comprehensive feasibility analysis process.

RE 4433. Legal Environment of Real Estate (3). Prerequisites: BUL 3310; REE 3043. An intermediate treatment of the legal environment of real estate and real estate decision making. The course emphasizes common law rules and legal considerations inherent in contemporary real property decisions. The course, in addition to REE 3043, meets the FREC educational requirements for real estate sales licensing.

RE 4905c. Directed Individual Study (1–3). May be repeated up to a maximum of nine (9) semester hours.

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

RMI 4115. Life and Health Insurance Products (3). Prerequisite: RMI 3101. Analysis of personal and business life and health insurance needs, characteristics of plans appropriate to meet needs, life insurance rating, receiving, underwriting, and financial statement analysis are also studied.

RMI 4135. Employee Benefit Plans (3). Prerequisite: RMI 3101. Study of basic concepts and managerial consequences of the group insurance mechanism and the characteristics of various qualified retirement planning vehicles.

RMI 4224. Property and Casualty Insurance Products (3). Prerequisite: RMI 3101. Analysis of more common basic insurance contracts—their use and coverage afforded as a fundamental basis for understanding legal, underwriting, marketing, financial, and other insurance functions.

RMI 4292. Property and Casualty Insurer Operations (3). Prerequisites: FIN 3403; RMI 3011, 4224. A discussion of the composition, financial structure, and operations of the insurance industry. Special consideration is given to consumer problems and solutions.

RMI 4295. Advanced Property and Casualty Insurance (3). Prerequisites: RMI 3011, 4224. A study of business insurance problem evaluation and planning with proposed solutions utilizing comprehensive coverage package programs.

RMI 4308r. Seminar in Risk and Its Control (3). Prerequisite: Consent of instructor. May be repeated to a maximum of six (6) semester hours.


RMI 4420. Legal and Political Aspects of Insurance (3). Prerequisites: BUL 3310; RMI 3011. Insurance contracts and marketing—judicial doctrines of contract construction, claims processes, insurance institutions, governmental regulation, and sponsorship of insurance.

RMI 4905c. Directed Individual Study (1–3). May be repeated up to three (3) times.

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

Graduate Courses

BUL 5810. The Legal Environment of Business (3).
REE 5205. Topics in Real Estate Finance and Appraisal (3).
REE 5209. Advanced Real Estate Finance and Investment (3).
REE 5305. Real Estate Investment (3).
REE 5315. Real Estate Project Feasibility Analysis (3).
REE 5435. Real Estate and Its Legal Environment (3).
REE 5935r. Special Topics in Real Estate (1–3).
RMI 5011C. Fundamentals of Risk and Insurance (3).
RMI 5136. Employee Benefit Plans (3).
RMI 5225C. Property/Liability Insurance Contract Analysis (3).
RMI 5345. Risk Management in the Business Enterprise (3).
RMI 5710C. Insurance Company Operations (3).
RMI 5720C. Insurance Accounting and Finance (3).
RMI 5810C. Personal Financial Planning (3).
RMI 5906r. Directed Individual Study (1–3). (S/U grade only.)
RMI 5907r. Special Studies in Management (1–3).
RMI 5917r. Supervised Research (1–3). (S/U grade only.)
RMI 5935r. Special Topics in Risk Management and Insurance (1–3).
RMI 5946r. 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.

RUSSIAN: see Modern Languages and Linguistics

Interdisciplinary Program in RUSSIAN AND EAST EUROPEAN STUDIES

COLLEGE OF SOCIAL SCIENCES
Director: Lee Metcalf (Social Sciences); Professors: Oldson (History), O’Sullivan (Geography), Wynot (History); Associate Professors: Efimov (Modern Languages and Linguistics), Grant (History), Romanchuk (Modern Languages and Linguistics); Assistant Professor: Wakamiya (Modern Languages and Linguistics); Visiting Professor: Kemahliglou (Political Science)

The interdisciplinary program in Russian and East European studies is an international area studies program that is designed to develop a student’s competence in the language, history, culture, and 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, 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 study around them.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Russian and East European studies satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

Requirements

Students majoring in the program are to construct their study program around four components: 1) a language requirement; 2) a history requirement; 3) area-specific course work that emphasizes one of two tracks; and 4) a concepts and theories tool requirement to be fulfilled in the student’s major track. The total hour requirements for a major are a minimum of twelve (12) semester hours in an approved area language plus an additional thirty-six (36) semester hours beyond the liberal studies requirements (with a grade of “C-” or better in each course) distributed across the history requirement and the two tracks. As an interdisciplinary program, no minor is required.

Majors must complete the basic university computer competency requirement. CGS 2060 with a grade of “C-” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu/ for more information.

Language Requirement

All students are required to take twelve (12) semester hours of course work in a relevant area language (Russian, German, Czech, Serbo-Croatian, or some other East European language). Students will be encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on Florida State University’s 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 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 toward 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 their academic adviser.

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 toward 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

Russian and East European History

EUH 2035 Hitler and Stalin: Their Era and Legacies (3)
EUH 3551 Modern Poland (3)
EUH 3571 Russia to Nicholas I (3)
EUH 3572 History of Russia: 1825 to the Present (3)
EUH 4242 World War I: Europe 1900-1918 (3)
EUH 4282 Europe in the Cold War and Detente (3)
EUH 4331 East-Central Europe from 1815 to Present (3)
EUH 4332 Balkans Since 1700 (3)
EUH 4574 19th-Century Russia (3)
EUH 4576 20th-Century Russia (3)
WOH 4244 World War II (3)

Social Science Track—Area Specific

CPO 3614 East European Politics (3)
CPS 4321 Contemporary Policy Studies: Contemporary Southeast Europe (3)
ECS 4333 Transition of Soviet and Eastern European Economies (3)
GEA 4500 Europe (3)
GEA 4554 Russia and Southern Eurasia (3)
INR 4083 International Conflict (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)

ECS 3003 Comparative Economic Systems (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)
GEO 4480 Military Geography (3)
INR 2002 Introduction to International Relations (3)
INR 3603 Theories of International Relations (3)
INR 4702 Political Economy of International Relations (3)
MAN 3600 Multinational Business Operations (3)
PAD 3003 Public Administration in American Society (3)
POS 4210 Economic Interpretations of American Politics (3)
POT 3003 Introduction to Political Thought (3)
PSY 2012 General Psychology (3)
PUP 3002 Introduction to Public Policy (3)
SOP 3004 Social Psychology (3)
SYA 4010 Sociological Theory (3)
SYG 1000 Introductory Sociology (3)
SYG 2010 Social Problems (3)
SYO 3530 Social Classes and Inequality (3)
SYO 4550 Comparative Sociology (3)
SYP 3000 Social Psychology of Groups (3)
SYP 3300 Collective Action and Social Movements (3)
SYP 3540 Sociology of Law (3)
SYP 4340 Public Opinion Analysis (3)

Arts and Humanities—Area Specific

PHP 3510 Introduction to Marxist Philosophy (3)
RUS 4930r Special Topics (3)
RUT 3110 Russian Literature in English Translation (3)
RUT 3500 Modern Russian Life (3)
RUW 3100 Survey of Russian Literature I (3)
RUW 3101 Survey of Russian Literature II (3)
RUW 3391 Russian Cinema (3)
RUW 4370 Russian Short Story and Povest (3)
RUW 4470r Modern Russian Literature (3)
SLL 3500 Slavic Culture and Civilization (3)
SLL 3510 The Slavic Vampire (3)

Arts and Humanities—Comparative Concepts and Theories

ANT 2410 Introduction to Cultural Anthropology (3)
ANT 3212 Peoples of the World (3)
ANT 4241 Anthropology of Religion (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)
PHI 2010 Introduction to Philosophy (3)
PHI 2630 Ethical Issues and Life Choices (3)
PHI 3420 Philosophy of the Social Sciences (3)
PHI 3670 Ethical Theory (3)
PHI 3700 Philosophy of Religion (3)
PHI 3800 Philosophy and the Arts (3)
PHI 3882 Philosophy in Literature (3)
PHM 2300 Introduction to Political Philosophy (3)
PHM 3331r Modern Political Thought (3)
PHM 3400 Philosophy of Law (3)
PHM 4340r Contemporary Political Thought (3)
REL 1300 Introduction to World Religions (3)
REL 3142 Religion: The Self and Society (3)
REL 3170 Religious Ethics and Moral Problems (3)
REL 3505 The Christian Tradition (3)
Definition of Prefix
EUS—European Studies

Undergraduate Courses
EUS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.
EUS 4970r. Honors Thesis (1–6). 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
EUS 5906r. Directed Individual Study (1–3). (S/U grade only.)
EUS 5910r. Supervised Research (1–3). (S/U grade only.)

For listings relating to graduate course work for thesis and master’s examination and defense, consult the Graduate Bulletin.

SANSKRIT:
see Religion

SCIENCE:
see Secondary Science and/or Mathematics Teaching

SCIENCE EDUCATION:
see Middle and Secondary Education

Interdisciplinary Major in
SECONDARY SCIENCE AND/OR MATHEMATICS TEACHING (SSMT)

COLLEGE OF ARTS AND SCIENCES

Director and Adviser: Dr. Ellen Granger, Office of Science Teaching Activities

This interdisciplinary major is designed to address the critical shortage of science and mathematics teachers in the State of Florida. Students completing this four-year program will receive a bachelor of science degree from the College of Arts and Sciences and are qualified for certification to teach in high schools in Florida and for national certification.

The SSMT program includes several unique features:
1. The condensed pedagogy component frees students to take additional courses in their area 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
3. A seminar course addresses specific problems and issues related to science and mathematics teaching at the secondary level

Students must complete a basic science/math core and courses from one of the six specialty tracks: (mathematics/physics, physics/chemistry, physics/earth-space science, biology/chemistry, biology/earth-space science, mathematics/statistics). Each specialty track has been certified as an approved teacher education program by the Florida Department of Education.

Students may obtain a double major by completing the major requirements for any of the individual science or math departments in addition to the program listed below. In most cases, the second major requires about twenty (20) 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in secondary science and/or mathematics teaching must satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or EME 2040.

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 X701
3. EME X040
4. Plus the following general program prerequisites:
   a. MAC X114
   b. MAC X140
   c. Fifteen (15) semester hours in the science/mathematics area of specialization. Contact the 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 the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, 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 4 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)
   OR
   - PHY 2053C College Physics A (4)

3. Modern Language: twelve (12) semester hours (department depends on language selected)
## Florida State University

### 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:
- **BCH 4053** General Biochemistry I (3)
- **BOT 3015** Plant Biology (2)
- **BSC 2011** Biological Science I (3)
- **BSC 2011L** Animal Diversity Laboratory (2)
- **BSC 3402L** Experimental Biology Laboratory (2)
- **CHM 1046C** General Chemistry II (5)
- **CHM 2210** Organic Chemistry I (3)
- **CHM 2211** Organic Chemistry II (3)
- **CHM 2211L** Organic Chemistry II Laboratory (3)
- **PCB 3063** General Genetics (3)
- **PCB 4674** Evolution (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)
- **BS 2086** Anatomy and Physiology II (3)
- **BS 2099** Human Physiology (3)
- **CHM 3120C** Introduction to Analytical Chemistry (4)
- **XXX XXXX** Biology Elective (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)
- **AND**
- **ISC 3076** Science, Technology, and Society (3)
- **OR**
- **PHI 3400** History and Philosophy of Science (3)

#### 3. Modern Language: Twelve (12) semester hours (department depends on language selected).

#### 4. Education Core:
- **EDF 4210** Educational Psychology: Developing Learners (3)
- **EDF 4430** Classroom Assessment (3)
- **EME 2040** Introduction to Educational Technology (3)
- **RED 4335** Content Area Reading for Secondary School Teachers (3)
- **SCE 4939r** Seminar in Contemporary Science, Mathematics, and Science Education (1)
- **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)

### Secondary Science and/or Mathematics Track III: Mathematics/Physics

#### 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):
- **CGS 3408** Introduction to Programming with the C Language (3)
- **CHM 1045C** General Chemistry I (4)
- **PHY 2048C** General Physics A (5)
- **AND**
- **ISC 3076** Science, Technology, and Society (3)
- **OR**
- **PHI 3400** History and Philosophy of Science (3)

#### 3. Modern Language: Twelve (12) semester hours (department depends on language selected).

#### 4. Education Core:
- **EDF 4210** Educational Psychology: Developing Learners (3)
- **EDF 4430** Classroom Assessment (3)
- **EME 2040** Introduction to Educational Technology (3)
- **RED 4335** Content Area Reading for Secondary School Teachers (3)
- **SCE 4939r** Seminar in Contemporary Science, Mathematics, and Science Education (1)
- **TSL 4324** ESOL Instruction in the Content Area (3)

#### 5. Advanced Courses Required for Specialization:
- **MAC 2311** Calculus with Analytic Geometry I (4)
- **MAC 2312** Calculus with Analytic Geometry II (4)
- **MAC 2313** Calculus with Analytic Geometry III (Optional)
- **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 (dual Math/Physics internship) (12)
- **MAS 3105** Applied Linear Algebra I (4)
- **MAS 3301** Introduction to Modern Algebra (3)
- **MTG 4212** College Geometry (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)
- **PHY 4905r** Directed Individual Study (3) (Optional)
- **SCE 4905r** Directed Individual Study (1)*
- **STA 4442** Introductory Probability I (3)
- **AND**
- **MAP 2302** Ordinary Differential Equations (3)
- **OR**
- **MAP 3305** Engineering Mathematics I (3)

* Although a variable credit course, the number in parentheses represents the secondary science and/or mathematics teaching requirement.
Secondary Science and/or Mathematics Track IV: Mathematics/Statistics

1. Liberal Studies:
   See the ‘Teacher Preparation General Education’ section of the “College of Education” chapter in this General Bulletin and the State of Florida Common Course Prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   - BSC 2010 Biological Science I (3)
   - CHM 1045C General Chemistry I (4)
   - PHY 2048C General Physics A (5)
   - ISC 3076 Science, Technology, and Society (3)
   - PHI 3400 History and Philosophy of Science (3)
   - OR

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)
   - 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:
   - CHM 1046 General Chemistry II (3)
   - CHM 1046L General Chemistry II Laboratory (0)
   - CHM 2211 Organic Chemistry I (3)
   - CHM 3400 General Physical Chemistry (4)
   - MAC 2311 Calculus with Analytic Geometry I (4)
   - MAC 2312 Calculus with Analytic Geometry II (4)
   - PHY 2049C General Physics B (5)
   - PHY 3101 Intermediate Modern Physics (3)
   - PHY 3424 Optics (3)
   - PHY 3802L Intermediate Laboratory A (1)
   - PHY 4905r Directed Individual Study (3) (Optional)
   - SCE 4362 Teaching and Learning Science (3)
   - SCE 4944 Student Teaching in Science (10)
   - SCE 4948 Classroom Management and Planning in Science Education (3)
   - BCE 3023C Introduction to Biochemistry (3)
   - BCH 4053 General Biochemistry I (3)

Choice of:
   - MAP 3305 Engineering Mathematics I (3)
   - MAP 4103 Mathematical Modeling (3)
   - MAS 3165 Applied Linear Algebra I (4)
   - MAS 3301 Introduction to Modern Algebra (3)
   - STA 4442 Introductory Probability I (3)

Secondary Science and/or Mathematics Track V: Physics/Chemistry

1. Liberal Studies:
   See the ‘Teacher Preparation General Education’ section of the “College of Education” chapter in this General Bulletin and the State of Florida Common Course Prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   - BSC 2010 Biological Science I (3)
   - CHM 1045 General Chemistry I (4)
   - PHY 2048C General Physics A (5)
   - ISC 3076 Science, Technology, and Society (3)
   - PHI 3400 History and Philosophy of Science (3)
   - OR

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)
   - EME 2040L Introduction to Educational Technology (3)
   - EME 2040R Introduction to Educational Technology (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)
The Office of Science Teaching offers a master’s in science teaching (MST) combined with a bachelor’s degree in one of the science disciplines (biology, chemistry, physics) or secondary science and/or mathematics teaching. Degree candidates follow a prescribed course of study to earn both the bachelor’s and master’s degrees. For detailed information about the programs and admission and program requirements for the MST program, consult the Graduate Bulletin, or visit http://www.fsu.edu/gradstudies/CombinedPrograms/Science_Teaching_Combined_Depth.pdf.

SERBO-CROATIAN; SLAVIC:
see Modern Languages and Linguistics

Interdisciplinary Program in SOCIAL SCIENCE

COLLEGE OF SOCIAL SCIENCES

Director: Robert E. Crew, Jr., Office of the Dean, College of Social Sciences

The interdisciplinary program in social science (ISS) provides a multidisciplinary view of contemporary social issues and problems. The program offers students an opportunity to draw on the several disciplines of social science as they seek an understanding of public affairs and answers to questions about society. The departments whose courses may be utilized in the program are anthropology, economics, geography, history, political science, sociology, and urban and regional planning, along with the School of Public Administration and Policy.

The program will be particularly appealing to students who have wide-ranging interests in social issues. Its flexibility permits students to pursue specialized and preprofessional interests and to expose themselves to the variety of perspectives of the social sciences.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in the interdisciplinary program in social science satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Two introductory courses for six (6) semester hours in a social science discipline

Requirements

A major in the interdisciplinary program requires forty-two (42) semester hours, including nine (9) semester hours in courses taken to satisfy liberal studies requirements. For the usual major, work must be taken in at least three departments within the program. There must be a primary concentration of eighteen (18) semester hours in one department, a second concentration of twelve (12) semester hours in another department, while the remaining twelve (12) semester hours may be distributed among any of the remaining social science departments. Students must complete a total of twenty (20) semester hours in courses numbered above 2999. A minimum cumulative grade point average (GPA) of 2.0 on all course work applied to the major must be maintained.

Students may also, rather than selecting courses in the manner identified above, seek an interdisciplinary concentration in four topical areas of study. These are environmental affairs, law and society, urban studies, and public service. Each of these concentrations are multicourse programs focusing on the named topics. For details about these concentrations, see the program director.

Majors must complete the basic university computer competency requirement. CGS 2060 with a grade of “C-” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu/ for more information.

Degrees

The courses of study offered by the interdisciplinary program in social science lead to the bachelor of arts (BA) and bachelor of science (BS) degrees.

Requirements for a Minor for Psychology

Majors at the Panama City Campus

A minor in the interdisciplinary program in social sciences is available for psychology students at the Panama City campus. Students may obtain the minor by successfully completing a total of fifteen (15) semester hours of course work in interdisciplinary social science participating departments, which include interdisciplinary social science, anthropology, economics, geography, history, political science, sociology, and urban and regional planning.

Honors in the Major

The ISS program participates in the upper-division honors in the major. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

CPS—Comparative Policy Studies

ISS—Interdisciplinary Social Sciences

Undergraduate Courses


CPS 4000r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

CPS 4900r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

ISS 4905r. 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 4494r. Internship (3–6). Students are placed in a variety of employment situations related to their academic interest and conduct, under faculty supervision, research related to a problem or issue facing the sponsor of the internship. May be repeated to a maximum of six (6) semester hours.
Graduate Courses
CPS 5424. Research Seminar in Comparative Political and Administrative Organization (3).
CPS 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).
ISS 5930r. Special Topics in Social Science (1–3).
ISS 5945. Internship (3–6).
ISS 5942r. Supervised Teaching (1–3). (S/U grade only.)
ISS 5951r. Problem Analysis Project (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

College of Social Work

Professors: Figley, Mazza, McNeese, Smith, Thyer, Vinton; Associate Professors: Abell, Crook, T. Gomory, Randolph, Ryan, Siebert, Wilke; Assistant Professors: Hinterlong, Munn, Radey, Teasley; Lecturers: Ashmore, Berry, Brooks, Detweiler, F. Gomory, Kerchof, Mathis, Rodriguez, Ross, Donaldson, Shultz; Associates in Social Work: Culoah, Shaheen; Assistants in Social Work: Markley, Spring; Faculty Administrators: Boone, Graham, Lager, Maddox, Stanley, Verano

The College of Social Work offers programs of study leading to: 1) the 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) the master of social work (MSW) degree, designed as an advanced practice degree, to increase the skills of professional social workers to more advanced competencies acquired through two concentrations—clinical social work and social policy and administration; and 3) the doctor of philosophy (PhD) degree, which is designed to advance the social work profession through the development of researchers/scholars and educators.

Particular attention in all of our course offerings is given to the application of practice without discrimination and with respect, knowledge, and skills related to clients’ age, class, color, culture, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex, and sexual orientation.

For complete details of undergraduate degree requirements, plus a description of the College of Social Work, its opportunities, and available financial assistance, refer to the “College of Social Work” chapter of this General Bulletin, or our Web site at http://csw.fsu.edu. Refer to the Graduate Bulletin for graduate programs.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in social work satisfy this requirement by earning a grade of “C–” or higher in CGS 2060 or CGS 2064.

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 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:

Three (3) semester hours in each of the following:
1. American government (American national government or American government)
2. Biology (human biology or anatomy and physiology)
3. Economics (microeconomics or macroeconomics [ECO prefix])
4. Introductory psychology
5. Introductory sociology/social problems

Definition of Prefix
SOW—Social Work

Undergraduate Courses
SOW 1054r. Human Services Experience (1). (S/U grade only.) This course entails a direct human service experience in a social services agency or community organization or program. Thirty (30) hours of volunteer services are required per credit hour. Through the volunteer experience, students are able to observe the application of social work knowledge and skills within the social service profession and learn about the role social workers play in generalist practice settings with systems of all sizes. May be repeated to a maximum of three (3) semester hours.

SOW 1064. Introduction to Social Work and Social Welfare (3). This course surveys the philosophy, history, and services of social welfare and the purpose, objectives, values, ethics, methods, and practice settings of the profession of social work. Attention is given to the role that social work and social welfare policies play in promoting social and economic justice for oppressed groups.

SOW 3350. Interviewing and Recording in Social Work (3). This overview class covers the basic elements of interviewing and recording as utilized in various helping professions including social work. The values and ethics of the social work profession are discussed, along with how interviews can help to promote social and economic justice.

SOW 4104. Human Behavior in the Social Environment I (3). Prerequisites: SOW 1054, 3235, 3350. This course focuses on reciprocal relationships between social workers and social environments. Content includes empirically-based theories and knowledge that focus on human development at the individual and family level, but as influenced by interactions between and among systems of all sizes, including groups, societies, and economic systems. Theories and knowledge of biological, psychological, sociological, cultural, identity, and spiritual development across the life span are critiqued, especially as they relate to populations-at-risk. Ways to promote social and economic justice while practicing as a social worker are also discussed.

SOW 4108. Women’s Issues and Social Work (3). This course is designed to acquaint students with the factors that affect women throughout life and the role that social work plays in addressing these issues.

SOW 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 4232. Social Welfare Policies and Programs (3). Prerequisites: SOW 1054, 3203, 3350. The course provides a beginning understanding of the relationship between social welfare and social policy in American society from a social work perspective. Attention is given to the role that social work and social welfare policies and programs play in promoting social and economic justice for oppressed groups.

SOW 4341. Theory and Practice of Social Work with Groups (3). Prerequisites: SOW 1054, 3203, 3350, 4341. This course focuses on the development of generalist practice skills with various kinds of groups: educational, socialization, and support. This class covers practice skills that contribute to group effectiveness, including composition, structure, dynamics, goal setting, and evaluation. Content also includes examining the empirical bases of a range of theories and models for social work group practice.

SOW 4341. Social Work Practice I (4). Prerequisites: SOW 1054, 3203, 3350. This is the foundational course for generalist social work practice that grounds students with practice knowledge, values, and skills that are demonstrated across direct practice roles with individuals and families in social work. The empirical bases of a range of theories and models of social work practice are examined, along with applications to generalist social work practice. Ways to promote social and economic justice while practicing as a social worker are also discussed.

SOW 4347. Social Networking and Case Management in Social Work (3). This course introduces students to the history, theoretical underpinnings, and strategies of case management in various service delivery systems. Contemporary issues and implications for the changing practice environment are highlighted.

SOW 4360. Social Work Practice II (3). Prerequisites: SOW 1054, 3203, 3350, 4341. This course focuses on the development of generalist practice skills at the mezzo and macro levels in task groups, organizations, and communities. In addition, the integration of mezzo- and macro-level skill sets is emphasized. The empirical bases of a range of theories and models of group, organization, and community behavior are examined, along with applications to generalist social work practice. The course utilizes an applied perspective whereby students work in task groups to carry out projects in organizational and/or community settings.

SOW 4363. Supervised Visitation (3). (S/U grade only.) This course provides an opportunity to be involved in supervised visitation in conjunction with the Florida Department of Children and Families. The course is conducted in practicum format with training and mandatory weekly supervised visitation. The students observe visitation, learn and analyze the opportunity, and develop, evaluate, and incorporate an understanding of child abuse, neglect, and family dynamics.

SOW 4403. Introduction to Social Work Research (3). Prerequisite: SOW 4414. This course introduces students to qualitative and quantitative research methods in order to provide an understanding of a scientific, analytic, and ethical approach to building knowledge for practice. Students’ mastery of course content prepares them to develop, use, and effectively communicate empirically-based knowledge. Research knowledge is used by students to provide high-quality services; to initiate change; to improve practice, policy, and social service delivery; and to evaluate their own practice from an evidence-based perspective.

AcaDemic Programs
SOW 4414. Measurements in Social Work Research (3). Prerequisites: SOW 1054, 3203, 3350. This course introduces students to quantitative tools used to describe and interpret data in social work practice, research, and policy formation. Course content prepares students to understand, interpret, and conduct the statistical analyses necessary for the evaluation of effective social work practice, social policies, and social programs. Students learn to plan and conduct analyses guided by an understanding of social work values and ethics. Specific topics to be covered include descriptive statistics, basic probability, confidence intervals, hypothesis testing, analysis of variance, correlation, and regression.

SOW 4454. Grant Writing and Grant Management (3). Particularly in the public and not-for-profit sectors, grant writing becomes an essential and integral part of running the type or number of resources available to clients; therefore, grant writing is related to social work objectives that stress access to and availability of resources. This course covers the basics of proposals: purpose statements, background, aims or objectives, methods, budget, and evaluation, and how to effectively manage grants once they are funded. The needs of disenfranchised groups or communities are discussed in this course, along with the particular proposals that may be most effective in meeting such needs.

SOW 4510. Undergraduate Field Instruction (6–12). (S/U grade only.) Corequisite: SOW 4522. A student must have completed all of the required social work courses and prerequisites and have a 3.0 GPA in social work courses in order to be enrolled in this course. Supervised direct social work practice occurs in human service settings. May be repeated to a maximum of twelve (12) semester hours.

SOW 4522. Integrative Field Seminar (3). Corequisite: SOW 4510. This course assists students in the integration of their social work courses with social work practice. The course utilizes an ecosystems perspective, focusing on the students’ ability to apply the knowledge and skills of generalist social work practice to systems of all sizes.

SOW 4562. Social Work in Health Settings (3). This course focuses on social work practice in health care settings. This perspective, preparing students with an understanding of the roles that social workers play in health settings, the structure of health care delivery systems, organizational and professional ethics and standards, challenges we face in health care settings, and patient issues related to how to help to address issues. Specific knowledge and skills in a health care setting are addressed, including biopsychosocial assessments, chart documentation, treatment planning, and discharge planning.

SOW 4615. Family Violence Across the LifeSpan (3). This course provides an ecological perspective on the dynamics of family violence, focusing on the multiple factors that contribute to the development and maintenance of family violence and their environments. Emphasis is placed upon broad coverage of all-important aspects of child abuse, incest, intimate partner violence, rape, and elder abuse. This course is appropriate for students who wish to develop skills in detecting and responding to incest situations for clients, sexual assault survivors, and victims of intimate partner violence or elder abuse.

SOW 4620. Diversity in Social Work Practice (3). This course enhances student understanding of human diversity. Students will engage in a lifetime pursuit of cultural competence. Students are encouraged to discuss the intricacies of their own particular diverse dominant and minority social statuses and their relations to other persons, especially future social work clients. Although the course is not designed to train students in particular practice skills, emphasis is placed on enhancing respectful and empathic competencies.

SOW 4622. Social Work with Black Families (3). This course critically examines African-American/black family life, culture, structure, and functioning. The focus is on knowledge and skill development by family intervention. Specifically, students review the historical development of black families in America, evaluate and analyze major family theoretical models, identify practice strategies and gaps and/or deficiencies in the existing social work practice literature, and focus on the advantages and disadvantages of utilizing these models in practice with diverse black families.

SOW 4627. Mental Health of Diverse Populations (3). This course critically examines various factors that impact the mental health of diverse populations. Students critically review/analyze recent research in “health literacy concerning” perspective, preparing students in which the mental health needs of diverse populations have evolved; the major services required to meet the mental health needs of diverse populations and the availability and accessibility of these services; and the skills (both micro and macro) necessary to improve the delivery of mental health and mental health related services to diverse populations.

SOW 4633. The Social Worker in the Public School System (3). School social workers seek to maximize student success and promote optimal learning opportunities by helping to remove the variety of barriers that prevent students from achieving their educational goals. Students critically examine the role of social work in the public school system.

SOW 4645. Aging and Old Age: Social Work with the Aged (3). This course introduces students to the field of social gerontology and gerontological social work. This class provides an overview of a variety of topics such as the demography of aging and the physical, cognitive, and psychosocial aspects of aging.

SOW 4650. Child Welfare Practice (3). This course provides a framework of values, knowledge, and skills necessary to practice with vulnerable children and their families. The major focus is on social work in public child welfare agencies and children’s mental health agencies. The course utilizes an ecosystems perspective for understanding and assessing the special needs of at-risk children and families.

SOW 4658. Health and Child Welfare (3). This course provides students with knowledge and skills related to the theory, research, and implications of child and adolescent maltreatment for child development and psychopathology.

SOW 4665. Juvenile Justice: A Social Work Perspective (3). This course provides students with an overview of the juvenile justice system. This includes (but not is limited to) the history of the juvenile justice system, the juvenile court system, the role of law enforcement, policy development and implementation, community issues involving youth, and the prevention and treatment of delinquency. Students also gain a first-hand perspective of these issues during required visits to various community agencies and organizations.

SOW 4680. Living with AIDS: Prevention, Intervention and Care (3). This course provides a comprehensive understanding of the biopsychosocial implications of HIV/AIDS. Topics include the origins of the illness, its prevalence and spread throughout world cultures, and its impact on the individual and society.

SOW 4702. Chemical Dependency Problems and Programs (3). This course covers the etiology and epidemiology of drug abuse, physiological and behavioral consequences of drug abuse, treatment approaches, and major policies and programs. Special attention is directed toward drug use in special populations, such as women, racial and ethnic minorities, gays and lesbians, persons with disabilities, and the elderly.

SOW 4905r. Directed Individual Study (1–4). Prerequisites: Eight (8) credit hours in social work; 2.75 GPA; consent of instructor. May be repeated to a maximum of eight (8) semester hours as topics change.

SOW 4910r. Internship in Social Work (1–6). Prerequisites: Junior standing; 3.0 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 one or more years, may be based on traditional library research and critical analysis. May be repeated to a maximum of nine (9) semester hours.

SOW 4935r. Seminar in Social Work: Selected Topics (3). May be repeated to a maximum of twelve (12) semester hours as topics change.

**Graduate Courses**

SOW 5105. Human Behavior and the Social Environment I (3).

SOW 5109. Women’s Issues and Social Work (3).

SOW 5125. Psychopathology in Clinical Practice (3).

SOW 5153. Human Sexuality (3).

SOW 5235. Policies and Programs in Social Services (3).

SOW 5238. Advanced Policy Analysis (3).

SOW 5282. Legislative Advocacy (3).

SOW 5308. Social Work Practice (3).

SOW 5324. Group Treatment in Social Work Practice (3).

SOW 5334. Organization and Community System Change (3).

SOW 5335. Theories and Models of Social Work Practice (3).

SOW 5340. Theory and Practice of Poetry Therapy (3).

SOW 5345. Advanced Social Services Administration (3).


SOW 5353. Marital and Couple Counseling in Social Work Practice (3).

SOW 5367. Theory and Practice of Crisis Intervention (3).

SOW 5369. Integrative Seminar in Advanced Social Work Practice (3).

SOW 5374. Supervised Visitation (3). (S/U grade only).

SOW 5376. Budgeting and Finances in the Social Services (3).

SOW 5377. Personnel Administration in the Social Services (3).

SOW 5404. Introduction to Social Work Research (3).


SOW 5455. Grant Writing and Grant Management (3).

SOW 5532r. Graduate Field Instruction I (5–10). (S/U grade only.)

SOW 5535r. Graduate Field Instruction II (6–12). (S/U grade only.)

SOW 5537r. Field Instruction: Special Placement (3–12). (S/U grade only.)

SOW 5603. Social Work in Health Settings (3).

SOW 5611. Family Counseling in Social Work (3).


SOW 5614. Family Violence Across the Life Span (3).

SOW 5623. Social Work with Black Families (3).

SOW 5628. Mental Health of Diverse Populations (3).

SOW 5635. The Social Worker in the Public School System (3).

SOW 5646. Aging and Old Age: Social Work Perspectives (3).

SOW 5655. Social Work with Children and Adolescents (3).


SOW 5688. Living with AIDS: Prevention, Intervention and Care (3).

SOW 5712. Chemical Dependency Problems and Programs (3).

SOW 5745. Seminar on Loss and Bereavement (3).

SOW 5908r. Directed Individual Study (1–4). (S/U grade only.)

SOW 5915r. Supervised Research (1–3).

SOW 5938r. Social Work Seminars: Selected Topics (3).

SOW 5941r. Supervised Teaching (1–3). (S/U grade only.)


SOW 6399. Social Policy Analysis (3).

SOW 6492. Foundation Research Methods (4).

SOW 6494. Advanced Research Methods (3).

SOW 6495. Systematic Reviews in Social Work Research (3).

SOW 6697. Philosophies of Science in Social Work (3).

SOW 6755. Theories and Models of Social Work Research (4).

SOW 6904r. Reading in Social Work/Social Welfare (1–6). (S/U grade only.)
SOW 6900. Directed Individual Study (1–6). (S/U grade only.)

SOW 6910. Supervised Research (1–6). (S/U grade only.)

SOW 6930. Teaching Seminar and Practicum (4). (S/U grade only.)

SOW 6938. Selected Topics in Social Work (3).

SOW 6942. Supervised Teaching (1–3). (S/U grade only.)

SOW 6960. Preliminary Prep (0–12). (S/U grade only.)

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

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**Department of SOCIOLOGY**

**COLLEGE OF SOCIAL SCIENCES**

**Chair:** Patricia Y. Martin; **Professors:** Carlson, Eberstein, Keith, Martin, Orcutt, Padavic, Quadagno, Turner; **Associate Professors:** Brewster, Reynolds, Simon; **Assistant Professors:** Barrett, Dixon, Lloyd, McCabe, Rohlinger, Schnack, Starks, Taylor, Tillman, Ueno; **Assistant in Sociology:** Schwabe; **Visiting Assistant in Sociology:** Luke; **Visiting Instructor:** Lessan; **Professors Emeriti:** Armer, Fendrich, Ford, Hardy, Hazelrigg, Isaac, Kinloch, Nam; **Affiliate Faculty:** Barker, Chiricos, Hinterlong, Miles, Milton

Few fields have as broad a scope as sociology, the study of human groups and social life. The sociology major’s interests range from the nuclear family to the many types of societies, from crime to religion, from the divisions of race and class to the integrating symbols of culture, from the sociology of occupations to politics. At Florida State University, the Department of Sociology examines all of these matters and others. Current research is ongoing in such diverse areas as gender, ethnicity, the welfare state, and population.

There are several reasons for pursuing a sociology degree. First, sociology addresses circumstances and events that affect students’ lives today and in the future. Second, a sociology major provides a broad-based, liberal arts education that promotes understanding and sharpens analytical skills. Third, a sociology major is excellent preparation for a career in professions that require an ability to think and write analytically. Sociology graduates have found employment in academia, business, law, medicine, politics, and government. Fourth, sociology prepares students for advanced graduate work in anticipation of careers in research and teaching.

Sociology majors learn how to analyze the employment, termination, and promotional practices of organizations; anticipate the changes humans will undergo in their life; practice market research; detect social trends; analyze statistical data; evaluate public policies; assess the impact of technological innovations; interpret political and social change in the world system; conduct surveys and interpret their results; project fertility and mortality patterns; and appreciate classic theories of social order and change.

The facilities and resources available to sociology majors include access to the microcomputer lab in the College of Social Sciences and opportunities to work closely with faculty on research projects. The department provides a wide range of courses on important aspects of social life, leading to greater understanding of human society and a variety of skills that are increasingly essential for citizens in a postindustrial, information-based, and rapidly changing global society.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in sociology satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

**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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

Sociology majors should complete two (2) lower-level courses with the prefixes of SYA, SYD, SYG, SYO, or SYP.

**Core Program**

For acceptance as a sociology major, students must have successfully completed Florida State University’s math and English requirements for liberal studies with a grade point average (GPA) of 2.0 or better and meet “mapping” requirements. Sociology majors are encouraged to complete all liberal studies requirements before admission to the College of Social Sciences. To fulfill the computer literacy requirement, students should complete CGS 2060, CGS 2064 or CGS 2100 with a grade of “C–” or better.

**Degrees**

Students may earn a bachelor of arts (BA) or a bachelor of science (BS) degree in sociology.

**Major**

Students must complete thirty (30) semester hours in sociology, with a grade of “C–” or better in each course, including: SYA 4010 Sociological Theory, SYA 4300 Methods of Social Research, and SYA 4400 Social Statistics.

Transfer students must earn a minimum of fifteen (15) semester hours in sociology at 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 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**

SYA 1000. Introductory Sociology (3). An introduction to the fundamentals of sociology. Emphasis is placed on exposure to the basic findings of empirical research studies in a wide range of areas traditionally examined by sociologists.

**Sociological Theory and Methods of Research**

SYA 4010. Sociological Theory (3). This course introduces the student to the kind of theory that has developed in the field of sociology since its foundation, moving through to the contemporary scene. Major theoretical fields, major theorists, and dominant theoretical issues that continue to be part of the sociological approach to explanation are covered.

SYA 4300. Methods of Social Research (3). Broad coverage of research design, data collection, and data analysis. This is a required course for sociology majors.
Social Organization
SYD 3650. The Community in Urban Society (3). An introduction to the community as a changing form of social organization with emphasis on community field studies (ethnographies), theories of communal organization, and the study of community-specific processes such as power distribution and decision making, conflict, stratification, and the dynamics of land use change. Special attention is given to the study of the metropolitan community in U.S. 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.
SYD 3460. Sociology of Mass Media (3). This course provides a sociological view of mass communications by critically examining the origin, history, and functions of the American mass media and its effect on social reality.
SYD 3350. 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 4300. Sociology of Politics (3). This course deals with American political institutions, political organizations, pressure groups, and the public's participation in political processes. Discussion focuses on current political issues from a sociological perspective.
SYO 4350. Sociology of Business, Labor, and Government (3). The primary focus of this course is on the interrelationships among business and production organizations, labor interests and struggles, and the state and state policies, from various theoretical and historical perspectives. In addition to critical evaluation of conventional political-economic perspectives, the course will examine recent sociological work on the state, the labor movement, and mobilization.
SYO 4370. The Changing Workplace (3). This course examines the historical development of work and employment relations in the United States. Topics covered include some of the recent challenges of work, such as the balance between work and family life; inequalities in wages and employment; the struggle to find meaningful work; and the opportunities and challenges presented by the new economy, marked by a combination of high-end professional and technical occupations and low-wage service jobs.
SYO 4400. Sociology of Health Care (3). An introduction to the organizational, economic, and political structures and problems of American health care. Also introduces several of the sociological approaches that examine these issues.
SYO 4450. 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 4905r. Directed Individual Study (3). Consent of instructor and departmental chair required. May be repeated to a maximum of nine (9) semester hours.
SYO 4930r. Selected Topics in Sociology (3). May be repeated to a maximum of nine (9) semester hours.
SYO 4931r. Honors Work (3). May be repeated to a maximum of nine (9) semester hours.
SYO 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 5018. Classical Social Theory (3).
SYA 5126. Contemporary Sociological Theory (3).
SYA 5205. Theory Construction (3).
SYA 6934r. Selected Topics in Theory (3).

Research Methodology
SYA 5350. Introduction to Research Methods (3).
SYA 5315. Qualitative Research Methods in Sociology (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 6936r. Selected Topics in Research Methods (3).

Area Courses
DEM 5906r. Directed Individual Study (1–3). (S/U grade only.)
DEM 5910r. Supervised Research (1–5). (S/U grade only.)
DEM 5930r. Special Topics in Demography (3).
DEM 5972r. 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. Prossem 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.)
Department of
SPORT MANAGEMENT, RECREATION
MANAGEMENT AND PHYSICAL EDUCATION

COLLEGE OF EDUCATION
Chair: Cheryl S. Beeler; Professor: Imwold; Associate Professors: Beeler, Dunn, Fletcher, James, Kent, Lynn, Mondello, Quarterman, Ratliffe; Assistant Professors: Kwon, Lee, Rudd, Walsdorf; Assistants in Leisure and Recreation Services: Keweene, Prince; Assistants in Physical Education: Nobles, Reynaud; Assistants in Physical Education: Barber, McManus, Mosier, Moschos; 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 two majors, 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 any 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 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. Physical education teacher certification candidates must have passing scores on the Florida Teacher Certification Exam (FTCE) General Knowledge Test. 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. If at any point a student has a combination of three “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 adviser 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in sport management or recreation and leisure services administration satisfy this requirement by earning a grade of “C−” or higher in CGS 2060, CGS 2064, or CGS 2100. Undergraduate majors in physical education teacher certification satisfy this requirement by earning a grade of “C−” or higher in EME 2040.

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 to 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:

SPANISH: see Modern Languages and Linguistics
Leisure Services – Professional

DEP X004 or RCS X061 (this must be a human growth and development across the life span course)

Physical Education (Sport Management)

1. One course (three [3] semester hours) with prefix FIN, MAR, or GEB
2. One course (three [3] semester hours) with prefix ACG, BUL, CGS, MAN, STA, or REE
3. One course (three [3] semester hours) with prefix COM, ECO, HFT, RMI, or SDS
4. PET X303C or BSC X085/X085L (anatomy and physiology concepts)
5. PET X622C

Physical Education Teaching and Coaching

1. EDF X005
2. EDG X701
3. EME X040
4. Plus the following general program prerequisites:
   a. Three to four (3–4) semester hours of anatomy and physiology 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 the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her associate in arts (AA) or baccalaureate degree. Foreign language courses may be used to meet this requirement. Contact department and/or adviser for details.

Eligible courses will be determined by the community college or university where the student 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 4 may be applied to the corresponding requirements in liberal arts and sciences noted above.

Recreation and Leisure Services Administration

Coordinator: Cheryl Beeler; Associate Professors: Beeler, Dunn, Fletcher; Visiting Assistant Professor: Lee; Assistants in Leisure Recreation Services: Keween, Prince

The recreation and leisure services administration program offers courses leading to the baccalaureate degree. The bachelor’s degree is designed to prepare individuals for professional positions in such settings as corporate and industrial, public park and recreation, church, youth-serving and military agencies, special events management, fitness, sport management, campus recreation, and travel and tourism.

With a bachelor’s degree from this program, students may qualify for employment as recreation program planners, facility managers, administrators, recreation supervisors, activities directors, special events coordinators, fitness specialists, and guest service coordinators.

At the graduate level, the master’s degree is designed to prepare individuals for administrative and management positions of recreation/leisure/park agencies. Students may select one of many curricular concentrations, such as public administration, gerontology, or college teaching. The graduate curriculum is designed to meet the interests and needs of the students. Course work may be designed for other specialty areas, such as outdoor adventure recreation, special events management, and commercial/resort recreation.

Admission

Applicants for admission to Florida State University must also apply directly to the recreation and leisure services administration program. Admission to the undergraduate program is based upon: 1) formal application and interview; and 2) successful completion of the required State of Florida common course prerequisites and a passing score on each section of the CLAST. For application materials, contact: Undergraduate Coordinator, Recreation and Leisure Services Administration, 200 Tully Gym, Florida State University, Tallahassee, FL 32306-4280 or visit http://www.fsu.edu/Nsmrmpe/programs/rm/admission.htm.

Degree Requirements

To earn a bachelor’s degree in recreation leisure services administration, students must successfully complete a minimum of sixty (60) semester hours at the upper-division level. The sixty (60) semester hours include: 1) thirty (30) semester hours of required course work; LEI 3004, 3140, 3420, 3400, 4500, 4521, 4574, 4602, 4881, 4930; 2) two (2) semester hours of fieldwork: LEI 4921r; 3) fifteen (15) semester hours of internship: LEI 4940r; 4) twelve (12) semester hours of approved 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 Internship in Leisure Services.

To be eligible for the internship, which is scheduled the last semester of the program of study, students must have earned a 2.5 cumulative GPA in all college course work and a 2.5 GPA in all core courses bearing the prefix LEI. A minimum grade of “C–” or better must be earned in all program course work.

Teacher Certification Program

The teacher certification program provides the academic course work and the pre-professional public school experience necessary to become an effective teacher. Course work is arranged in a specific four-semester sequence designed to culminate in student teaching. The placement of student teachers will be concentrated in area I. The course of study leading to a baccalaureate degree and teacher certification encompasses three areas of work: 1) required block and foundation courses; 2) required elementary and secondary courses; and 3) professional education requirements. Additionally, all physical education teacher certification majors are required to take TSL 4324 ESOL Instruction in the Content Areas, RED 4335, and EDF 4210 Educational Psychology: Developing Learners. Students may only enter this program in the Fall semester.

A GPA of 2.5 is required for admission to student teaching. All students must meet the requirements for admission to teacher education and professional education, which are explained in the “College of Education” chapter of this General Bulletin.

Sport Management Program

The sport management program provides academic course work necessary to prepare a person to pursue a graduate degree in sport management or entry-level employment in a variety of work environments. The course of study leading to a baccalaureate degree with a major in sport management encompasses three areas of work: 1) required block and foundation courses; 2) business practices; and 3) electives. Prerequisites for sport management may be selected from 2000-level business and/or economics classes.

Students may only enter the sport management program at the beginning of the Fall semester.

Noncredential/Nondegree Programs

Coaching Specialization

The course of study for a specialization in coaching includes PEO 2013, PET 2303C, 2622C, 4203, 4300, and at least two of the following: PEO 2624, 3219, 3644; PEP 3304. In addition, students must hold a current cardiopulmonary resuscitation (CPR) certification at the completion of the program. A minimum grade of “C–” must be earned in all program...
work. Students are provided an additional option of obtaining a national certification within this specialization through the American Coaches Education Program (ACEP).

Definition of Prefixes

DAE — Dance Education
LEI — Leisure
PEL — Physical Education Activities (General): Land-Object Centered
PEM — Physical Education Activities (General): Land-Performance Centered
PEN — Physical Education Activities (General): Water, Snow, Ice
PEO — Physical Education Activities (Professional): Land-Object Centered
PEP — Physical Education Activities (Professional): Land-Performance Centered
PET — Physical Education Theory
SMP — Sports Management

Undergraduate Courses

Elective Courses for Nonmajors

Note: The courses with the repeat designation of “y” may be repeated for a maximum of four (4) semester hours.

PET 1101r. Bowling (1). [S/U grade only.]
PET 1124r. Golf (1). [S/U grade only.]
PET 1124r. Varsity Golf (1). [S/U grade only.]
PET 1124r. Softball (1). [S/U grade only.]
PET 1124r. Baseball (1). [S/U grade only.]
PET 1124r. Varsity Baseball (1). [S/U grade only.]
PET 1124r. Volleyball (1). [S/U grade only.]
PET 1124r. Volleyball (1). [S/U grade only.]
PET 1134r. Tennis (1). [S/U grade only.]
PET 1144r. Tennis (1). [S/U grade only.]
PET 1144r. Racquetball (1). [S/U grade only.]
PET 1151r. Soccer (1). [S/U grade only.]
PET 1154r. Varsity Soccer—Women (1). [S/U grade only.]
PET 1161r. Basketball (1). [S/U grade only.]
PET 1161r. Basketball (1). [S/U grade only.]
PET 1164r. Football (1). [S/U grade only.]
PET 1164r. Flag Football (1). [S/U grade only.]
PEM 1101r. Physical Conditioning (1). [S/U grade only.]
PEM 1131r. Basic Weight Training (1). [S/U grade only.]
PEM 1141r. Aerobic Conditioning (1). [S/U grade only.]
PEM 1171r. Aerobic Dance (1). [S/U grade only.]
PEM 1303r. Varsity Track (1). [S/U grade only.]
PEM 1314r. Varsity Cross-Country (1). [S/U grade only.]
PEM 1405r. Self-Defense/Martial Arts (1). [S/U grade only.]
PEM 1922. Circus Activities (1). [S/U grade only.]
PEM 1112r. Basic Swimming (1). [S/U grade only.]
PEM 1124r. Varsity Swimming (1). [S/U grade only.]
PEM 1234r. Water Skiing (1). [S/U grade only.]
PEM 1241r. Cross-Country (1). [S/U grade only.]
PEM 1901r. Contemporary Activities Techniques (1). [S/U grade only.] May be repeated during the same semester.

Courses For Physical Education Majors

DAE 4300. Educational Dance (2). Prerequisites: PET 4710, 4710L. Follows the movement framework for educational dance with a focus on the exploration of themes and the refinement of movement sequences and creative dances.
PEO 2013. Sports Officiating (2). Prerequisites: PET 4300, 4302C.
PEO 2024. Theory and Practice of Baseball (2). Teaching and coaching techniques in baseball including current trends and offensive and defensive systems.
PEO 3219. Theory and Practice of Baseball (2). All phases of baseball technique, strategy, teaching, and coaching procedures.
PET 2009r. Educational Games II (3). Analysis of racquet sports and team sports using 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 instructional methods.
PET 4006. Educational Gymnastics (2). Prerequisites: PET 4713, 4713L. Co-requisites: PET 4713, 4713L. 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 2303C. Applied Anatomical and Physiology Concepts (4). Prerequisite: CHD 2220.

PET 3020. Foundations of Physical Education (3). Acquaints physical education majors with the basis for, heritage of, and current trends in the field of study.
PET 3040. Cooperative Education Work Experience (0). [S/U grade only.]
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 4254. Gender Issues in Sport and Physical Activity (3). This course will critically examine the relationship between gender and sport/physical activity.
PET 4259. Race and Ethnicity in Sport (3). This course examines the unique role and impact that race and ethnicity have had in the world of sport. Teachers develop the awareness and understanding about the impact of the social development of athlete and the sport participation of various racial and ethnic groups on the evolution of sport and physical activity.
PET 4276. Corequisites: PET 4714, 4714L. Corequisites: PET 4945. This course will be oriented specifically toward an understanding of the following: class management and discipline across K–12 programs; ethical and legal concerns in the profession; organization and administration of physical education; and induction into the profession.
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 non-school settings are covered.
PET 4432. Early Childhood Physical Education (3). Prerequisite: PET 4710. A required course for all physical education majors to be certified 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 4477. Human Resource Management in Sport (3). Prerequisite: Admittance to the sport management major program. This course is an introduction to the basic elements of human resources in sport organizations.
PET 4493. Ethics in Sport (3). This course is designed to assist students in self-evaluating, evaluating, and developing a philosophy, values, and moral principles. Major major ethical issues within sport are researched and discussed. Students experience the ethical decision-making process through opportunities for critical analysis by drawing upon their philosophical beliefs.
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 necessary to effectively assess student achievement in K–12 physical education within the cognitive, psychomotor, and affective domains.
PET 4515. Developing Electronic Teaching Portfolios (2). This course is designed to provide preservice teachers with the knowledge, skills, and abilities to develop an electronic teaching portfolio to document growth and development toward the Florida 12 Professional Accomplished Practices.
PET 4625. Issues in Sports Medicine (3). Prerequisites: HSC 2400C, PET 3301C.
PET 4640C. Adapted Physical Education (3). Principles and methods of adapting regular programs and providing 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 4710L. In this course, students develop an understanding of the content and teaching of physical education. Emphasis on teaching strategies, methods, and techniques to teach physical education content appropriately.
PET 4710L. Physical Education Instructional Practicum (1). Prerequisite: PET 4710L. Focuses on the application of effective instructional methods in the school physical education setting.
PET 4905. Methods and Materials of Teaching Fitness, K–12 (3). Prerequisite: Permission of instructor. This course focuses on how to implement a lifetime, health-related physical fitness program in kindergarten through high school physical education classes and in community settings. Students will update their knowledge of exercise physiology, design learning activities, and develop strategies to teach lifetime fitness to children and adolescents.
PET 4912. Physical Education Practicum (1). Prerequisite: PET 4912. Focuses on the development of effective instructional skills through the planning, teaching, and assessment of experiences with upper elementary, middle, and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.
PET 4912L. Physical Education Practicum, K–12 (1). Prerequisite: PET 4912L. Focuses on the development of effective instructional skills through the planning, teaching, and assessment of experiences with upper elementary, middle, and high school students.
PET 4713. Physical Education Instruction I, K–12 (3). Prerequisite: PET 4710, 4710L. Corequisites: PET 4713L. Focus is on teaching physical education to upper elementary, middle, and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.
PET 4713L. Physical Education Practicum, K–12 (1). Prerequisite: PET 4713L. Development of effective instructional skills through the planning, teaching, and assessment of experiences with upper elementary, middle, and high school students.
PET 4714. Physical Education Instruction II, K–12 (3). Prerequisite: PET 4713, 4713L. Corequisites: PET 4714L. Focus on teaching physical education to primary elementary and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.
PET 4714L. Physical Education Practicum, K–12 (1). Prerequisite: PET 4714L. Development of effective instructional skills through the planning, teaching, and assessment of experiences with upper elementary, middle, and high school students.
PET 4914. Directed Individual Study (1–3). Undergraduate study of a research problem, not to be used in lieu of a class. May be repeated to a maximum of twelve (12) semester hours.
Prerequisites: LEI 3004, 3420. Corequisite: LEI 4602. Planning and Maintenance of Facilities in Leisure Systems (3). Administering, Marketing, and Budgeting for Leisure Service Agencies (3). This course introduces students to the fundamental concepts, theories, principles, and practices of leisure service systems. A one-semester school experience in the role of a professional educator.

LEI 4004. Issues in Sport Management (3). This course introduces students to the major topics, trends, problems, and issues involved in athletics and sport management.

SPA 4104. Facility and Event Management (3). Students in this course learn the factors involved in obtaining and managing athletic facilities. They also learn the guidelines for designing, constructing, maintaining, scheduling, and managing an athletic facility.

SPA 4304. Event and Special Projects (3). Promotion in sports. Topics and issues involved in the promotion and marketing of sporting events. An examination of the evolution of large-scale corporate marketing strategies.

SPA 4505. Sport Finance (3). This course provides an introduction to financial strategies related to sports and organizations.

SPA 4604. 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 of leadership and management relative to the sport industry are presented. The course project enhances the student's understanding of a selected sport organization and its event.

SPA 4723. Legal Issues in Physical Education (3). This course introduces students to the legal structures, major laws, regulations, and precedents in law in sport and physical education.

Recreation and Leisure Services Courses

LEI 1181. Leisure and Recreation: A Cross-Cultural Approach (3). An examination of the leisure and recreation behaviors of people in different cultures. The cultural, political, social, and economic factors of leisure and recreation behaviors will be examined. LEI 3304. Introduction to Recreation (3). This course provides an introduction to the nature and diversity of recreation pursuits and the social and cultural forces that influence leisure related choices. Students will examine the various ways in which recreation is organized for delivery by professionals working in the recreation and event industry. Career opportunities in recreation and park and event management are explored.

LEI 3140. History and Philosophy of Recreation, Leisure, and Play (3). This course introduces the philosophical foundation of leisure, recreation, and play, and traces the major historical events and perspectives in recreation and leisure throughout the present time. Current trends and issues are discussed as they relate to social, economic, environmental, and public policy factors.

LEI 3256r. Recreational Training Course Facilitation (1–4). This course provides the student with the knowledge and skills to lead new games and field games and to facilitate group initiatives, and low ropes and high ropes challenge courses. The student will learn to facilitate diverse groups to develop teamwork, and leadership skills, improve group dynamics, increase trust and improve communication, and direct a wide variety of challenge course activities. The course stresses safety, particularly in the use of ropes course apparatus, equipment, sequencing, and processing. The challenge-by-choice philosophy is followed throughout.

This course relates to sport and fitness component, which must be taken in sequence but may be taken in subsequent semesters.

LEI 3266. Outdoor Adventure Education (3). This course includes education in teaching leadership and skills in outdoor adventures, including hiking, camping, back-packing, kayaking, canoeing, basic survival skills, orienting skills, group dynamics, safety, risk management, accessibility, and environmental ethics.

LEI 3312. Introduction to Special Events (3). This course introduces students to special event planning and prepares them to design and implement a variety of special events for leisure, recreation, and park organizations, community organizations, non-profit agencies, associations, and other organizations.

LEI 3403. Applied Recreation Programming (1). Prerequisites: LEI 3004, 3420. Corequisite: LEI 3435. This course is designed to provide students with a comprehensive experience in recreation program implementation.

LEI 3420. Analysis and Utilization of Leisure Activities (4). Development and understanding of leisure activities and how these activities meet the needs of individuals in today's society.

LEI 3435. Recreation Program Design (3). Prerequisites: LEI 3004, 3420. Corequisite: LEI 3403. This course is designed to facilitate the understanding of principles and methods of recreation program design and operation. Students will apply the processes of goal and objectives and sequencing activities in creating a program design within recreation and leisure services.

LEI 3701. Human Development and Functioning in Leisure (4). Examines the role of human development and functioning for the entire age spectrum, including disabilities.

LEI 3843. Commercial Recreation and Tourism (3). This course is designed to introduce the concepts, principles, and practices of commercial recreation and tourism.

LEI 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

LEI 4313. Special Event Resource Development and Fundraising (3). This course supplies students with a variety of methods for obtaining and managing resources required for the operation of special events, including fundraising activities and volunteers.

LEI 4314. Event Operations and Management (3). This is an advanced course in event planning and management. Focus is placed on managerial aspects such as financing, economic impact models, and legal issues.

LEI 4524. Leadership and Supervision in Leisure Systems (3). Prerequisites: LEI 3004, 3140, 3435, 3403. Corequisite: LEI 4930. This course introduces the concepts, principles, and best practices for funding and supervising professional employees of recreation, sport, and leisure organizations.

LEI 4551. Administration of Leisure Service Systems (3). Prerequisite: LEI 3435. This course introduces students to the fundamental concepts, theories, principles, and practices of administration, marketing, and budgeting for leisure service agencies.

LEI 4602. Planning and Maintenance of Facilities in Leisure Systems (3). Provides basic information for the planning and maintenance of leisure areas and facilities.

LEI 4703. Introduction to Therapeutic Recreation (3). An introductory survey of the field of therapeutic recreation practice, including: the study of concepts, history, and philosophy; nature and settings of service delivery; enabling legislation; and roles and functions of therapeutic recreation professionals.

LEI 4712. Clinical Aspects of Therapeutic Recreation (4). In-depth survey of the concepts associated with the clinical application of recreational therapy, including: medical and psychiatric terminology, etiology, characteristics, and implications of leisure needs by the ill and disabled; adaptive devices and assistive techniques.

LEI 4713. Principles and Procedures of Therapeutic Recreation Practice (3). An in-depth study of principles and methods used in therapeutic recreation service delivery, unique administrative concerns to service participation in health care industries, and professional issues relevant to therapeutic recreation practice.

LEI 4905. Students in these courses learn the factors in the delivery of therapeutic recreation service. This course focuses upon developing an understanding of the goals, objectives, and philosophy of therapeutic leisure. It also includes the methods and techniques utilized to educate for leisure as well as planning and implementing leisure education in a variety of settings.

LEI 4906r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

LEI 4921r. Fieldwork in Leisure Services (1–3). (S/U grade only.) Provides the student an opportunity to gain practical experience in an organized leisure setting. May be repeated to a maximum of six (6) semester hours.

LEI 4930. Senior Seminar in Leisure Studies (1). Prerequisite: LEI 3161. The seminar is designed to introduce the current problems facing the leisure profession and the practitioner and to teach are presented effectively through a seminar setting.

LEI 4932r. Special Topics in Leisure Services (3). Current topics in leisure services are studied in depth. May be repeated to a maximum of nine (9) semester hours.

LEI 4940r. Practicum in Leisure Services (15). Full-time experience in a leisure agency under the supervision of a professional practice practitioner. May be repeated to a maximum of thirty (30) semester hours.

Graduate Courses

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 (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 5002. Educational Games II (3).

PET 5042. Education Games I (3).

PET 5208. Educational Gymnastics (3).

PET 5145. Issues in Physical Education (3).

PET 5155. Current Issues in International Sport (3).

PET 5156. International Sport Venues (3).

PET 5252. Gender Issues in Sport and Physical Activity (3).

PET 5257. Lesbian and Gay Sport Studies (3).

PET 5258. Race and Ethnicity in Sport (3).

PET 5415. Administration of Physical Education (3).

PET 5423. Educational Dance (3).

PET 5425. Curriculum Design in Physical Education (3).

PET 5437. Foundations of Movement for Children (3).


PET 5514. Developing Electronic Teaching Portfolios in Physical Education (3).

PET 5535. Research Methods (3).

PET 5545. Programs in Adapted Physical Education (3).

PET 5715. Effective Teaching in Physical Education (3).

PET 5716. Analysis and Observation of Teaching in Physical Education (3).

PET 5717. Models in Teaching Physical Education (3).

PET 5718. Interdisciplinary Teaching (3).

PET 5774. Methods and Materials of Teaching Fitness, K–12 (3).

PET 5906r. Directed Individual Study (1–3). (S/U grade only.)

PET 5912r. Supervised Research (1–4). (S/U grade only.)

PET 5940r. Field Laboratory Internship (1–8). (S/U grade only.)

PET 5942r. Supervised Teaching (1–4). (S/U grade only.)

PET 5947r. Practicum in Sport Administration (3).
The Department of Statistics offers programs leading to the bachelor of science (BS) degree (including an honors degree) in statistics with emphases in statistics and probability theory. These are mathematical disciplines that describe concepts of uncertainty in a quantitative way. The disciplines draw inspiration from the many areas to which they are applied. A statistician could be called upon to help decide whether an anesthetic has an adverse health effect upon operating room nurses, recognize images taken by remote sensors, analyze errors of measurement in a scientific experiment, determine public attitudes in an opinion poll, determine if a medical or pharmacological patient intervention is successful, or work with a team to design and analyze an experiment. Random phenomena such as these are handled through the use of probability models, which serve as guides in decision making, interpretation of data, and allocation of resources. Some courses in the curriculum emphasize the construction of probability models, whereas others focus upon the methodology of application of these models.

In the study of statistics, students use and enrich their mathematical expertise and orient their study of the mathematical sciences toward useful and relevant purposes in society. Significant opportunities for well-trained persons with one or more of the specializations of statistics or probability arise in many career environments, such as the social sciences, the natural sciences, business, industry, the health services, and government services. Flexible, individually-planned programs of study for minors or majors, including an honors option, are available. Interested students should contact the director of the undergraduate program for more information.

The Department of Statistics offers a wide selection of undergraduate courses in statistical methods for nonmajors with minimal background in mathematics. STA 2122 or 2171 is a prerequisite for the remaining courses in the series, which are STA 3024, 4102, 4202, 4203, 4222, 4442, 4502, 4702, and 4853.

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

The department offers a combined BS/MS degree program designed for academically gifted students who wish to pursue an accelerated program culminating in a BS degree in statistics and an MS degree in applied statistics. This five-year program allows up to fifteen (15) semester hours of course work to be dually counted toward both the BS and MS degrees.

The Department of Statistics maintains a laboratory for computational vision; a statistical consulting center; a departmental library and reading room, the Wilcoxon Memorial Room; and 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, and printers and a new laboratory for computational vision equipped with high-performance computers and accessories.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in statistics satisfy this requirement by earning a grade of “C–” or higher in CGS 3406.

**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 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.

**Major**

Eighteen (18) semester hours in statistics courses numbered at the 4000 level are required, including STA 4321 and 4322.

**Note:** STA 2122, 2171, or 3032 may be taken in place of a 4000-level course other than those specified. Additional requirements include CGS 3406; MAC 2312, 2313; and MAS 3105. A grade of “C–” or better must be earned in each statistics, mathematics, or computer science course counted toward the major. At least nine (9) semester hours of statistics courses counted toward the major must be taken in the Department of Statistics at Florida State University. Statistics courses taken at other universities or colleges must be approved by the department.

**Options**

STA 4321 and 4322 constitute a basic core. Further courses may be selected for emphasis in statistical methodology, statistical theory, probability theory, stochastic processes, or actuarial science (MAP 4170, 4175). Students anticipating graduate study in statistics are encouraged to take additional mathematics courses such as MAA 4226, 4227, and MTG 4302.
Minor
The minor may be in any of the departmental or interdepartmental fields approved by the College of Arts and Sciences. A minor in mathematics may include MAC 2311, 2312, 2313, and MAS 3105.

Honors in the Major
The Department of Statistics offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Statistics
Required are twelve (12) semester hours in statistics courses, including STA 2122, 2171, or 4321. 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 Florida State University. Statistics courses taken at other universities or colleges must be approved by the department. Contact the department for a full list of requirements and courses applicable to the minor.

Examples of Options
1. A minor in statistical methodology with a minimal mathematical prerequisite: STA 2122 or 2171, plus eight (8) semester hours selected from any of STA 4102, 4202, 4203, 4222, 4502, and 4702
2. A minor with statistical theory as well as methodology: STA 4321 and 4322, plus six (6) hours selected from any of STA 4102, 4202, 4203, 4222, 4502, 4702, and 4853.

Combined Bachelor's/Master's Degree Program in Statistics
The combined BS/MS degree program in the Department of Statistics is designed for academically strong students who wish to pursue an accelerated program culminating in a bachelor of science degree in statistics and a master of science degree in applied statistics. This five-year program allows up to fifteen (15) semester hours of course work to be dually counted toward both the BS and the MS degree.

An undergraduate student wishing to enroll in this program must meet the following criteria:
1. Completion of at least twelve (12) semester hours of mathematics or statistics in the undergraduate statistics major at Florida State University with a GPA of at least 3.2
2. Completion of at least sixty (60) semester hours at Florida State University with a GPA of at least 3.0. Transfer students must have completed at least two semesters and twenty-four (24) semester hours at FSU with the minimum GPA

Undergraduate students may apply as early as the second semester of their sophomore year. If accepted, they should take the GRE at the end of their junior year and apply to the graduate school during the first semester of their senior year.

For more information, please visit http://stat.fsu.edu/graduate/redbook/5yeare.html.

Definition of Prefixes
EGN—General Engineering
QMB—Quantitative Methods in Business
STA—Statistics

Undergraduate Courses

SCS 4090h. Seminar in Contemporary Science, Mathematics, and Science Education (1).
Note: For descriptions of the above courses, see the appropriate departmental chapters of this General Bulletin.

EGN 3433. Statistical Topics in Engineering (3). Prerequisite: MAC 2312. Basic statistical analysis, sampling 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, rate event prediction, association versus causation, and risk.

STA 2023. Fundamental Business Statistics (3). Prerequisite: MAC 1105 or its equivalent. No credit is given for STA 2023 if “C–” or better has been previously earned in STA 2122, 2171, or 3032. High school students who 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 proportion.

STA 2122. Introduction to Applied Statistics (3). Prerequisite: MAC 1105. Subsequent credit for STA 5126 is not allowed. No credit is given for STA 2122 if “C–” or better has been previously earned in STA 2023. No credit is given for STA 2171 if “C–” or better has been previously earned in STA 2223, 2171, 3014, 3032, or QMB 3200. Numerical and graphical data description, probability, estimation and testing, analysis of variance, contingency tables, linear modeling.

STA 2171. Statistics for Biology (4). Prerequisite: MAC 2311. STA 2171 is for biology majors only. Other students must have approval from the Department of Statistics. Only two (2) semester hours of credit are given for STA 2171 if “C–” or better has been previously earned in STA 2023. No credit is given for STA 2171 if “C–” or better has been previously earned in STA 2223, 2171, 3014, 3032, or QMB 3200. Numerical and graphical data description, probability, estimation and testing, analysis of variance, contingency tables, linear modeling.

STA 3024. Intermediate Applied Statistics (3). Prerequisite: STA 2122 or 2171. Course covers linear and multiple regression; one- and two-way analysis of variance; chi-square and contingency tables; design, analysis, evaluation, and interpretation of statistical models. Well-prepared students can skip STA 3024 and take either STA 4202 or 4203. STA 3024 does not count toward statistics majors or statistics minors.

STA 3032. Applied Statistics for Engineers and Scientists (3–5). Prerequisite: MAC 2312. This course will cover calculus-based probability, discrete and continuous random variables, joint distributions, sampling distributions, and the central limit theorem. Topics include descriptive statistics, interval estimates and hypothesis tests, ANOVA, correlation, simple and multiple regression, analysis of covariance, and contingency tables. STA 3032 is designed for academically strong students who wish to pursue an accelerated program culminating in a bachelor of science degree in statistics and a master of science degree in applied statistics. This five-year program allows up to fifteen (15) semester hours of course work to be dually counted toward both the BS and the MS degree.

Undergraduate student wishing to enroll in this program must meet the following criteria:
1. Completion of at least twelve (12) semester hours of mathematics or statistics in the undergraduate statistics major at Florida State University with a GPA of at least 3.2
2. Completion of at least sixty (60) semester hours at Florida State University with a GPA of at least 3.0. Transfer students must have completed at least two semesters and twenty-four (24) semester hours at FSU with the minimum GPA

Undergraduate students may apply as early as the second semester of their sophomore year. If accepted, they should take the GRE at the end of their junior year and apply to the graduate school during the first semester of their senior year.

For more information, please visit http://stat.fsu.edu/graduate/redbook/5year.html.
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 5323. Introduction to Mathematical Statistics (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 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 Epidemiology (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 6709. Spatial Statistics (3).
STA 6906r. 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

Interim Chair: E. Joe Nosari; Professors: Cloud, Fiorito, Goldsmith, Moore; Associate Professors: Black, Grise, Heitmeyer, Sullivan; Assistant Professors: E. Kim, S. Kim, Lee; Research Associate: McLaughlin; Assistant in Apparel Design: Brown; Assistant in Merchandising and Textiles: Sanders; Professors Emeriti: Adam, Avery, Davis, Edgeworth, Kuehne, Warden

http://www.chs.fsu.edu/tcs

From New York design houses to a planned community on the Gulf Coast, from Rodeo Drive in California to the Kennedy Space Center in Florida, graduates from the Department of Textiles and Consumer Sciences (TCS) find opportunities for exciting careers with apparel, textile, and retailing firms.

Students seeking a BS degree may select from three majors: apparel and technology, merchandising, or textiles. 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 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, textile products, and profitable retail businesses.

The department boasts outstanding facilities and leading-edge technology for each major. The recently upgraded Lectra Design Laboratory includes 21 workstations and high quality printers, digitizers, and scanners. Multi-media computers are equipped with Lectra computer-aided apparel design and visual merchandising software, Adobe Photoshop and Illustrator, word processing, spreadsheet, and presentation packages. The Macy’s Merchandising Laboratory provides hands-on experience with merchandise presentation techniques and inventory management. The latest color communication technology, modern chemical and physical testing facilities, and computerized analytical equipment are found in the Textile Evaluation and Research Laboratory Complex.

The Historic Clothing and Textiles Laboratory and Exhibit Gallery provides museum-quality conservation, storage, and display space for an outstanding teaching and study collection. Apparel and accessories in the collection date from the late 1700’s, with pieces tracing the history of Florida and its residents, including garments and textiles of the Seminole Indians. Other textile pieces include the unique Carter Collection of pre-Columbian Peruvian textiles from the late 1400’s. Gallery displays with various themes are available for viewing throughout the year, and students often participate in designing and mounting exhibits. These facilities and associated course work contribute to the department’s participation in the University’s museum studies certificate program.

An excellent teaching and research facility 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, and retail industries are a regular part of the learning environment. Internships are required in the merchandising major, but are optional in other majors. The highly popular TCS summer study abroad program provides unique opportunities for students to study global aspects of the field while visiting international sites. Department-sponsored student organizations supplement classroom learning by providing opportunities to develop leadership skills in professional settings.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate

See Accounting
majors in apparel design and technology, merchandising, and textiles satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common Course Prerequisites

The State of Florida has identified common course prerequisites for these University degree programs. These prerequisites are lower-level courses that are required for preparation for the University major prior to a student receiving a baccalaureate degree from Florida State University. They may be taken either at a community college or in a university lower-division program. It is expected that these common course prerequisites will be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for these degree programs:

Apparel Design and Technology

1. One course in art history or appreciation (ARH prefix) or ART X003 (introduction to studio art) for three (3) semester hours
2. CTE X310
3. CTE X401
4. FAD X230
5. ECO X013 or ECO X023
6. PSY X012 or SYG X000 or SYG X010
7. ART X300

Merchandising

1. ACG X021
2. CGS X060 or CGS X100
3. CTE X401
4. FAD X230
5. ECO X013
6. ECO X023
7. MAC X105 or MGF X106 or MGF X107
8. PSY X012 or SYG X000 or SYG X010

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

Honors in the Major

The Department of Textiles and Consumer Sciences offers a program of honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin. Interested students who meet eligibility requirements should discuss this opportunity with their faculty adviser early in their junior year.

Entrance and Retention Requirements for Majors

Students are eligible to enter the Department of Textiles and Consumer Sciences when they have met the University requirements for transfer to an upper-division program, including an overall GPA of 2.0 or higher and completion of all math and CLAST requirements. Additionally, specified foundation courses required for each major must have been completed with a grade of “C–” or better. See individual major descriptions for a listing of these courses and additional eligibility requirements. A separate application to the department is not required.

To remain in good standing in the program, students in all majors in the department must achieve and maintain a GPA of 2.5. Students must be in good standing to take senior-level classes, to intern, and to graduate. A grade of “C–” or better must be achieved in all courses required for the majors, including foundation courses, college core requirements, and professional electives. See individual major descriptions for specific additional retention requirements.

Faculty advisers are designated for each major, and a full-time professional adviser is assigned to work with freshmen and sophomores. Students are expected to attend group advising sessions each semester and to meet with an adviser as needed. Advisers assist students with the proper sequencing of courses and provide other academic planning and career guidance. Students are responsible for reviewing the General Bulletin and other advising materials distributed by the department and abiding by the academic policies and requirements described within them, including course prerequisites. The department reserves the right to drop students from classes for which they have not completed the prerequisites.

The curriculum for each major in the department is comprised of four parts: liberal studies/University competencies, College of Human Sciences core, major course requirements, and professional electives. Students must meet the curricular requirements in effect at the time they enter the major. Detailed curriculum sheets are available from the department office and on the department Web site.

College of Human Sciences Core

All students in the department are required to complete the College of Human Sciences core requirements consisting of the following eight (8) semester hours: HOB 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, unless a specific course is designated. A grade of “C–” or better must be earned in each of these courses.

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 elemental principles of visual design to meet the physical, social, psychological, and aesthetic apparel needs of individuals. Graduates seek positions in major design centers such as New York, Atlanta, Dallas, Miami, or Los Angeles, or work with apparel firms throughout the United States or abroad. Typical starting positions include assistant designer, stylist, assistant product development specialist, and product manager.

Design courses are sequenced such that it requires a minimum of seven regular (non-summer) semesters, beginning with a spring semester, to complete studio courses. The first course in the sequence, CTE 1310, may be taken through distance learning by students who are completing AA requirements at a community college in anticipation of pursuing this major at FSU. Call the department for details. A grade of “B–” or better must be achieved in CTE 1310 to advance in sequenced design courses. Only one retake of this course will be allowed. Apparel design students are required to have a sewing machine for working on projects outside of class. A grade of “C–” or better must be achieved in all courses required for the major. No more than one (1) of the following courses may be repeated by an apparel design major: CTE 3334, 3341, 3734, 3742, 4712, 4725, 4726, 4752. Foundation courses include a three (3) semester hour course with an ARH designation, or ART 2033; PSY 2012 or SYG 1000 or 2010; and ECO 2013 or 2023. Computer competency is met by taking CGS 2060 or 2100. Oral competency may be met through any course approved as such by the University. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on the department Web site. Students are expected to meet the curriculum requirements in place at the time they enter the major. An acceptable portfolio and a 2.5 GPA are also required to remain in good standing, to take senior-level courses, to intern, and to graduate.
Merchandising

Merchandising prepares students for entry-level retail management, buying, and product development positions in a variety of exciting retailing and merchandise-related organizations. The curriculum emphasizes retail merchandise management and analytical skills associated with the retail buying, distribution, and merchandising of all consumer goods, with emphasis on soft goods and food products. Students who complete a minor in communication also may focus their career development on fashion publishing. Internships within the retail industry or with manufacturers or design firms provide real-world business experiences. Graduates of the program are sought by recruiters from the top retail firms. The recruiters visit campus to give presentations and interview students who may be interested in joining their organizations.

Completion with a grade of “C–” or better in MGF 1106 or 1107 or MAC 1105 is a prerequisite to all merchandising courses. STA 1013 or 2023 is strongly recommended as the second math course. This major is math intensive. A grade of “C–” or better must be achieved in all courses required for the major, including foundation courses, which, in addition to the math requirements, are ECO 2013 and 2023, PSY 2012 or SYG 1000 or 2023, CGS 2060 or 2100, and ACG 2021. No more than one retake is allowed for ACG 2021. Oral competency may be met through any course approved as such by the University. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on the department Web site. Students are expected to meet the curriculum requirements in place at the time they enter the major. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, to intern, and to graduate.

Internship

Merchandising students are required to complete a coordinated block of internship courses followed by an internship during the Fall or Spring semester of their senior year. The internship provides the student with a chance to apply classroom learning to work place experiences.

Three merchandising block courses (CTE 4811, 4826, 4890) and an intern preparation course (CTE 4892) 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 (CTE 4882). The Department of Textiles and Consumer Sciences assists students in identifying potential internship positions and, through a process explained during merchandising 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 any assignments given by the department and the retail organization. The-interning student is also responsible for housing and relocation arrangements and expenses. Each intern is cooperatively evaluated by both the company and the TCS intern supervisor. An unsatisfactory rating by either the company or the TCS intern supervisor will result in a failing grade in CTE 4882.

To ensure a placement that best meets the professional needs of each student, the department has recruited retail organizations over a wide geographic area. Applicants for the internship are generally not assigned to their home cities or to the immediate or general vicinity of the campus. Candidates are advised that the Department of Textiles and Consumer Sciences exercises the final responsibility for approving the internship semester and the company in which the student will intern. Submission of an application by a candidate is an agreement to accept an assignment in a location where the objectives of the internship can best be achieved. Failure to accept an assignment relieves the Department of Textiles and Consumer Sciences and the University of any further responsibility to provide an internship.

An internship candidate is expected to meet the standards set by pertinent state laws and by the cooperating firms. Candidates should be aware that, consistent with applicable law, information pertaining to all public records (such as arrest and/or conviction in a court of law) may be routinely furnished to the cooperating stores as well as to prospective employers. The Department of Textiles and Consumer Sciences will take all reasonable steps to place a student in an internship but will not be liable if a student cannot be placed.

Application for the internship should be made by the student as soon as eligibility requirements (see below) are met. There is a limit as to the number of students who can intern in any given semester, so early application is advised. Application forms must be requested in person, and an eligibility verification form must be signed by the student at the time of request. The following eligibility requirements must be met in order to submit an intern application form and be assigned to a particular semester for the internship.

1. Students must have a minimum of fifty-five (55) semester hours earned and complete the following classes with a “C–” or better before they can submit a merchandising internship application form: CTE 1401, 1401L, 3806, 4937 (Introduction to Merchandising); MAC 1105 or MGF 1106 or 1107; ACG 2021; CGS 2060 or 2100; and ECO 2013 or 2023.

2. Students must have an adviser-approved, completed planning sheet in the departmental advising file showing that it is reasonable for the student to complete the internship in the semester for which he or she is applying.

3. Students must have an overall FSU GPA of 2.3 or higher at the time of initial submission of the intern application and must continue to increase the FSU GPA toward the required intern block. A GPA of 2.5 is strongly recommended as the second math course. This major is math intensive. A grade of “C–” or better must be achieved in all courses required for the major, including foundation courses, which, in addition to the math requirements, are ECO 2013 and 2023, PSY 2012 or SYG 1000 or 2023, CGS 2060 or 2100, and ACG 2021. No more than one retake is allowed for ACG 2021. Oral competency may be met through any course approved as such by the University. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on the department Web site. Students are expected to meet the curriculum requirements in place at the time they enter the major. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, to intern, and to graduate.

Early in the semester immediately prior to the internship (not a summer term), the student must submit an intern clearance form and a departmental graduation check showing that the student has met or will meet the prerequisites for registering for the intern block. For more information regarding internship requirements, please contact the Department of Textiles and Consumer Sciences.

Textiles

The textiles major prepares students for a wide variety of challenging careers in textile product development, quality assurance, product testing, or fabric sourcing. Students gain an understanding of the many factors affecting textile product performance, consumer demand, and choice of textile products. Product development concepts and principles are applied to a wide range of softgoods products with particular emphasis on apparel and interior textiles.

A grade of “C–” or better must be achieved in all courses required for the major. Foundation courses include PSY 2012 or SYG 1000 or 2010 and ECO 2013 or 2023. Computer competency may be met by CGS 2060 or 2100. Oral competency may be met through any course approved as such by the University. A grade of “C–” or better must be achieved in foundation and computer competency courses prior to entering the upper division. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on the department Web site. Students are expected to meet the curriculum requirements in place at the time they enter the major. A GPA of 2.5 is required to remain in good standing, to take senior-level courses, and to graduate.

Requirements for Minors and Double Majors

Due to the heavy demand for courses by our majors, minors in the TCS department are no longer available. Students who have already begun a minor with the approval of the department will be allowed to complete the minor on a space available basis if their overall FSU GPA is 2.5 or higher.

Students desiring to complete two or more majors in the department must have an overall FSU GPA of 3.3 or better and complete all requirements in each major except unspecified professional electives.

Definition of Prefixes

COA—Home Economics: Consumer Affairs
CTE—Home Economics: Clothing, Textiles and Merchandising
HEE—Home Economics Education
HHD—Housing and Home Design
HME—Home Economics: Home Management and Equipment
HOE—Home Economics: General
Undergraduate Courses

CTE 3151. Consumer Competence in a Complex Society (3). Improving levels of living through increased income, and an understanding of consumption and consumer behavior.

CTA 4131. Family Financial Analysis (3). Prerequisites: Junior standing, economics recommended. Prerequisites: Credits, insurance, housing, transportation, and current issues. May be repeated to a maximum of twelve (12) semester hours as topics vary.

CTE 4995r. Directed Individual Study in Family Economics and Home Management (1–3). May be repeated to a maximum of six (6) semester hours.

CTE 4895r. Special Topics in Consumer Economics: Topics Vary (1–9). Study of various consumer or commerce-related issues/trends. May be repeated to a maximum of twelve (12) semester hours as topics vary.

CTE 1401. Basic Apparel Construction (3). Basic methods of apparel construction using hand and machine sewing techniques. Open to apparel design and family and consumer sciences students. May be repeated to a maximum of six (6) semester hours.

CTE 1401r. Advanced Clothing Construction (3). Prerequisites: CTE 1310 (“B–” or better). Corequisite: CTE 3742. Pre- or Corequisites: CTE 1401, 1401L, 3201. Intermediates in techniques and principles of apparel construction using original student design and pattern techniques. Open to apparel design majors only. (Fall semester only.)

CTE 3341. Advanced Clothing Construction (3). Prerequisites: CTE 1401, 1401L, 3201, 3334, 3742 (all “C–” or better). Traditional and contemporary techniques for the construction of apparel and non-tailored garments. Open to apparel design majors only. (Spring semester only.)

CTE 3341r. Textile Product Development (3–6). Prerequisite: CTE 1401. Topics in textile product development. Focus on stages of product development for specific end-use areas. May be repeated to a maximum of twelve (12) semester hours as topics vary.

CTE 3515. History of Clothing and Textiles (3). Clothing and textiles as a reflection of the arts, customs, economy, and religion of the times from the beginning of recorded history to the 15th century, through those areas of the world having major influence on the development of Western dress.

CTE 3516. History of Clothing and Textiles II (3). Clothing and textiles as a reflection of the arts, customs, economy, and religion of the times from the 15th century through the 20th century.

CTE 3534. Twentieth Century Design (3). Prerequisites: CTE 3515 or 3516, and CTE 3201 (both “C–” or better). Study of design trends in the twentieth century with an emphasis on fashion and textiles. Design concepts as a reflection of art, customs, popular culture, technological development, and economy of the twentieth century. Study of the relationship between design in fashion and design in architecture, furniture, interior, and other decorative arts.

CTE 3602. Sociopsychological Aspects of Clothing (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 1401, 1401L, 3201, 3334, 3742 (all “C–” or better). Developing skills and techniques to visually present creative apparel design. Open to apparel design majors only. (Spring semester only.)

CTE 3742. Pattern Making (3). Prerequisites: CTE 3334 (courses must be taken concurrently). Pre- or Corequisites: CTE 1401, 1401L, 3201. Theories of pattern design using flat pattern techniques to create fashionable apparel. Open to apparel design majors only. (Fall semester only.)

CTE 3763. Fundamentals of Apparel Evaluation (3). Prerequisites: CTE 1401, 1401L, 3201, 3806 (all “C–” or better). Quality evaluation of apparel products in relation to performance and price.

CTE 3784. Apparel Production (3). Prerequisites: CTE 1401, 1401L, and 3341 or 3763 (all “C–” or better); junior standing. Analysis of apparel production methods and related functions such as the role of the designer, forecasting fashion, and garment costing. Open to apparel design and textiles majors only. (Spring semester only.)

CTE 3806. Merchandising Principles (3). An overview of businesses that design, produce, distribute, and sell fashion and basic goods. Theoretical foundations and practical application of the principles of retail merchandising and retail management.

CTE 3855. Merchandise Presentation and Inventory Analysis (3). Prerequisites: MAC 1105 or MGF 1107 or 3515 or 3534. An overview of merchandising principles and techniques in retail buying and retail management. Focus on stages of product development for specific end-use areas. May be repeated to a maximum of twelve (12) semester hours as topics vary.

CTE 421r. Advanced Topics in Textiles (3–9). Prerequisites: CTE 1401, 1401L (both “C–” or better). Topics of current technology and research in textile science. Specific topics will vary. May be repeated to a maximum of nine (9) semesters when topics vary. (Spring semester only.)

CTE 4441C. Textile Performance and Analysis (3). Prerequisites: CTE 1401, 1401L (both “C–” or better); and a working knowledge of textile materials for specific end uses and compliance with industry specifications, certified-performance programs, and government regulations. Emphasis on properties influencing color and color loss, moisture content, desaturation and refurbishment, weathering, and other physio-chemical properties that influence safety and functional properties. (Fall semester only.)
Evaluation of residential environments in
(S/U grade only.) Prerequisites: Housing majors
Prerequisites: HHD 3120, Coa 5942r.
Coa 5912r.
Coa 5906r.

According to culture, climate, and resources using family as the core coordinating and delivery
the uniformity of basic human needs worldwide and the diverse ways of meeting them ac
sciences.
HMe 4221. f amily Resource Management (3).

An overview of wholesale and retail operations of interior products is presented by industry
principles for residential housing.
HHD 3130. e valuation of Housing Design (3).

The bachelor of fine arts (BFA) offers an intensive program of training
degree, providing a basic knowledge of, and experience in, theatre arts.
The School of Theatre offers degrees and course work at both undergradu
accreditation by the National Association of Schools of Theatre, and its degree requirements are in
TBA; Instructor: Hoffman eminent scholar Chair in Theater:
Professors
Bollinger;

The bachelor of arts (BA) is a flexible, broad-based liberal arts de
meridian (1–2). Pre- or Corequisites: CGS 2060 or 2100; ECO

Graduate Courses

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).

Special Topics: Consumer Economics or Resource Management—
topics vary (3–9).
CETE 5426r. Recent Developments in Textiles (3).
CETE 5535r. Advanced History of Costume (3).
CETE 5536r. Selected Studies in Historic Textiles (3).
CETE 5538. Historic Textiles and Clothing Management (1–4).
CETE 5709r. Apparel Design Concepts (2–4).
CETE 5729r. Experimental Clothing Design (3–4).
CETE 5754r. Advanced Draping (3).
CETE 5768r. Creative Design: Exhibition and Competition (3).
CETE 5769r. Functional Apparel Design (3–4).
CETE 5807. Retail Merchandising Concepts (2–4).
CETE 5815. Retail Technologies (3).
CETE 5816. Merchandising Organization (3).
CETE 5828. Merchandising Buying (3).
CETE 5834. Merchandising Theory and Research (3).
CETE 5884. Advanced Fashion Merchandising Practicum (4). (S/U grade only.)
CETE 5906r. Directed Individual Study (1–3).
CETE 5911. Research Analysis in Clothing and Textiles (3).
CETE 5912r. Supervised Research (1–3) (S/U grade only).
CETE 5930r. Clothing and Textiles Seminar (1).
CETE 5942r. Supervised Teaching (1–3). (S/U grade only).
CETE 5945r. Museum Studies Internship (1–6).
CETE 6900r. Readings in Clothing and Textiles (1–3). (S/U grade only.)
CETE 6932r. Clothing and Textiles Seminar (1).
CETE 6936r. Special Topics in Clothing/Textiles/Fashion Merchandising (3).
HED 5347. International Home Economics (1–3).
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 (1–6).
HED 6938r. Proseminar in Home Economics (1–2). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation,
and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
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 directing, acting, scene design, costume design, lighting design, technical production, or theatre management.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in the BA program in theatre and the BFA programs in acting or music theatre satisfy this requirement by earning a grade of “C-” or higher in ARE 4455, ART 4926C, CGS 2060, CGS 2064, CGS 2100, EME 2040, or MUS 2360.

**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 Florida State University. They may be taken either at a community college or in a university lower-division program. It is preferred that these common course prerequisites be completed in the freshman and sophomore years.

The following lists the common course prerequisites or approved substitutions necessary for this degree program:

1. THE X000 or any three (3) semester hour introductory course from X001–X035 at the 1 or 2 level
2. THE X305 or THE X300
3. THE X925
4. TPA X290
5. TPA X200 or TPA X210
6. TPP X190 or TPP X110
7. Nine (9) additional semester hours of any combination of THE, TPA, and TPP courses

**Requirements**

**Admission to Majors**

Students should contact the School of Theatre Office of Academic and Student Services regarding admission requirements and procedures for the majors, or visit the School of Theatre Web site at http://theatre.fsu.edu.

**Attendance Requirement for All School Events**

All undergraduate students in the School of Theatre must register for THE 4990 every Fall and Spring in which they are enrolled as a theatre major. This course is a zero (0) credit, S/U course. Students must attend all school meetings, required plays, the design/tech exhibit, and other required events. Failure to comply with this requirement will jeopardize graduation eligibility.

**Liberal Studies Program**

All undergraduates in theatre are required to meet the liberal studies requirements as specified in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

**Technical Theatre Requirement**

Theatre majors must complete the technical theatre requirement. Courses must be taken every semester beginning the first semester in residence until the requirement is complete. Students transferring with a major in theatre may receive transfer credit for no more than one laboratory course.

**Retention Standards**

A grade of “C-” or better is required in all major courses and prerequisites except THE 2020, which requires a “B-” or better. Students may only retake a major requirement once in which a grade below the minimum was received. (THE 2020 may be taken only once.) The class must be retaken the following semester, and a minimum grade of “C-” must be achieved for retention. BA students must maintain a minimum GPA of 3.0 in major requirements and a cumulative GPA of 3.0; BFA acting and music theatre students must maintain a minimum GPA of 3.0 in major requirements and a cumulative GPA of 2.5. If a student receives a “D” or “F” in a major requirement, or if the GPA falls below the minimum, the student will be placed on probation for the following semester. If the grade or GPA does not meet minimum standards by the end of the probationary semester, the student will be dismissed from the School of Theatre.

The School of Theatre retains the right to refuse admission or terminate enrollment at any time if a student fails to maintain the standards of the program.

**Honors in Theatre**

The School of Theatre offers a program in honors to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

**Bachelor of Arts Requirements**

The bachelor of arts (BA) is a flexible liberal arts degree intended to offer a comprehensive knowledge of theatre arts. The program requires a balance of theatre core classes and electives that allow students the opportunity to explore selected areas of the theatre. Theatre core requirements include courses in performance, technical theatre, design, and theatre history. All BA students must complete a run and usher experience. Electives can be fulfilled with additional theatre courses or any other University courses. Liberal studies requirements for the baccalaureate degree must be met. Twenty-four (24) semester hours of course work must be taken outside of the major, in addition to liberal studies. Hours taken to satisfy the bachelor of arts foreign language requirement and the multicultural requirement (if not part of either the major requirements or liberal studies) may be part of that twenty-four hours. For more information, see the ‘Bachelor of Arts Degree’ section of the “Undergraduate Degree Requirements” chapter of this General Bulletin.

**Major**

A minimum of thirty-nine (39) semester hours of course work in theatre is required. Contact the Office of Academic and Student Services in the School of Theatre for a complete list of requirements.

**Note:** At least eighteen (18) semester hours of these required courses must be completed in residence.

**Bachelor of Fine Arts Requirements**

The bachelor of fine arts (BFA) is a preprofessional degree, with intensive, in-depth training. The goal is the development of both an understanding of theatre as a total art and the skills necessary for its expression. Students may concentrate in acting or music theatre. The BFA program is designed to provide the necessary foundation for specialization at the graduate or professional level. Admission to the program is highly selective. A student seeking to enter the program must offer, in addition to an acceptable GPA, an acting and/or music audition, and a complete application packet. 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 2110, 2111, 2190L, 3510, 3511, 3710, 3711, 4112, 4512, 4712, 4922; THE 4260 and three (3) semester hours from THE 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 1001, 1111, 1241; MVV 3532, 4542; THE 4244, 4245; TPA 2248; TPP 2110, 2111, 3510, 3511, 4112, 4512, 4712, 4923. A minimum of five (5) semester hours of private voice, keyboard, and dance are also required until proficiency is demonstrated in these skills.

**London Theatre Experience**

In addition to its degree programs, the School of Theatre has created The London Theatre Experience, an extraordinary, full-semester curriculum in London for select theatre majors. The emphasis of the program is on classical theatre training and includes theatre-going, backstage tours, classes with leading theatre artists, special internships, and performance opportunities. Students earn a full semester of academic credit while participating in a program that makes a real difference in their lives as students, artists, and human beings. Graduate credit is available only by special request.

**Facilities**

There are several performance spaces available for the production of plays. All include rehearsal space. They are: the Richard G. Fallon Theatre in the Fine Arts Building; the Studio, or Augusta Conradi Theatre in the Williams Building; The Lab Theatre; and the Fine Arts Annex.

The Richard G. Fallon Theatre in the Fine Arts Building is a proscenium theatre with continental seating for 500 patrons. Stage equipment includes a turntable, a counterweight system, hydraulic orchestra pit, a computer lightboard, a four-channel sound system, light and sound shops, two large-group dressing rooms, and two private dressing rooms.

The Studio, or Augusta Conradi Theatre, is a proscenium house and seats 200 patrons. The stage equipment includes a rope system, a preset lightboard, a single channel sound system, a light and sound control booth, green room, two group dressing rooms, and a small scene shop. The auditorium is used as a lecture classroom and demonstration laboratory.

The Lab is a flexible theatre space used in prosenium, thrust, arena, and open configurations. There is a variable seating capacity depending on each production’s staging requirements. There is a lighting grid, with flexible seat configurations. There is a variable seating capacity depending on each production’s staging requirements. There is a variable seating capacity depending on each production’s staging requirements. There is a variable seating capacity depending on each production’s staging requirements.

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.

**Definition of Prefixes**

THE — Theatre Studies and General Resources
TPA — Theatre Production and Administration
TPP — Theatre Performance and Performance Training

**Undergraduate Courses**

**THE 2000. Introduction to Theatre (3).** For non-majors. Historical development, basic elements for appreciation and evaluation of performances.

**THE 2020. Introduction to Theatre for Majors (3).** A survey course of the field of theatre, its various divisions, and the School of Theatre. Preparation for independent research and communication about the profession and the school.

**THE 2083r. Theatre Problems (3).** Topics change per semester depending upon instructor. May be repeated to a maximum of six (6) semester hours.

**THE 2100. Introduction to Theatre History (3).** Survey of theatre history and drama from Greeks to present.

**THE 3061. 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 current dramatic art and stagecraft 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 majors and non-majors, 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 3213. World Theatre History I (3).** Prerequisite: THE 2020. Explores the staging practices and dramatic literature of classical Greece and Rome; medieval Europe and Japan; Baroque France; and 18th-century costume and stagecraft. Students with a concentration in music theatre must complete MUT 2020. Introduction to Theatre for Majors (3).

**THE 3214. World Theatre History II (3).** Prerequisite: THE 2020. 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), European innovations 1960s–1990s, and contemporary dramatic theory.

**THE 3391r. 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 4111. European Theatre History I (3).** Prerequisite: THE 3214. An in-depth study of European theatre history after the Renaissance.


**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 political context.

**THE 4244. Musical Theatre History I (3).** Prerequisite: THE 3214; MUL 2211; DAN 4115; or instructor approval. A survey of the popular musical theatre from the beginnings to the present. Topics include the development of comic opera, operetta, the revue, tradition, and musical comedy.

**THE 4245. Musical Theatre History II (3).** Prerequisite: THE 3214; MUL 2211; DAN 4115; or consent of instructor. A survey of musical theatre in America since the 1940s, including Rodgers and Hammerstein, Van, Lerner and Loewe, Loesser, Bernstein, Sondheim, the Black musical, and the rock musical.

**THE 4260. Historic Costume for the Stage (3).** Prerequisite: THE 3214. Survey of history of Western clothing and relationship to stage.

**THE 4285. History of Architecture and Decor (3).** Examination of principal periods of architectural and interior design from Ancient Egypt through the Art Deco move-ment (1930's).

**THE 4305. Play Analysis (3).** Line by line script examination, analyzing how playwrights of various periods achieved characterization, structure, and plot. Prerequisite for TPA 2248 and THE 4481.

**THE 4481. Dramaturgy (3).** Prerequisites: THE 3214, 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 studies 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 491r. Theatre Tutorial (1–3).** (S/U grade only.) Selected topics in theatre. Upper division theatre majors only. May be repeated to a maximum of six (6) semester hours.

**THE 4917r. Honors Work (1–6).** Open only to students in the honors program. Covers specialized honors course work culminating in an honors thesis. May be repeated to a maximum of six (6) semester hours.

**THE 4923r. Theatre Encounters Workshop (3).** Prerequisite: Permission of instructor. A workshop production of a major dramatic work together with extensive study of the social, literary, and cultural contexts. Includes dramaturgical research and written assignments. May be repeated to a maximum of six (6) semester hours.

**THE 4935r. Selected Subjects in Theatre Studies (3).** In-depth examination of various topics not covered in the regular course offerings. For seniors and juniors who have completed at least fifty percent of their major requirements. May be repeated to a maximum of nine (9) semester hours.

**THE 4945r. Capstone (3).** Prerequisite: THE 3214; MUL 2211; DAN 4115; and/or consent of instructor. A broad synthesis of course work culminating in an honors thesis. May be repeated to a maximum of nine (9) semester hours.

**THE 4990r. Theatre forum (0).** For seniors and juniors who have completed at least fifty percent of their major requirements. May be repeated to a maximum of nine (9) semester hours.

**TPA 2200. Creative Design for Theatre (3).** An introduction to the fundamental elements of design including set, light, costume, and painting. May be repeated to a maximum of six (6) semester hours.

**TPA 2200C. Introduction to Stage Craft (3).** Studies and practice in the construction, handling, rigging, and shifting of scenery.

**TPA 2201L. Introduction to Technical Theatre Laboratory (2).** Students will gain direct experience in set construction, lighting, costume, and lighting production.

**TPA 2211. Principles of Technical Theatre (3).** Prerequisites: TPA 2201 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 ma-terials will be studied.
Prerequisites: TPA 4302; permission of instructor. This course explores the problems of figure and facial makeup and the materials, techniques, and equipment required for their creation. Students will gain experience in designing makeup for various settings and audiences. May be repeated to a maximum of nine (9) semester hours.

TPA 3208. Drafting for the Stage (3). Prerequisite: TPA 2201. Introduction to tools and techniques, including preparation of plates showing construction details and perspective. This course acquaints students with current model building techniques and the construction of sets and properties. Advanced practical experience in the drafting of sets and costumes. May be repeated to a maximum of six (6) semester hours.

TPA 3270. Model Making (3). Prerequisite: TPA 2201. This course introduces students to the craft of sewing costumes for use on the stage. The course is intended to instruct students in the craft of sewing costumes for use on the stage. The course includes instruction in the creation and use of patterns, as well as practical aspects of lighting in both the proscenium and non-proscenium venues. May be repeated to a maximum of nine (9) semester hours.

TPA 4040. Costume Design for the Stage (3). Prerequisite: THE 4260 or consent of instructor. This course acquaints students with current model building techniques and the construction of sets and properties. May be repeated to a maximum of six (6) semester hours.

TPA 4090. Principles of Scene Design (3). Prerequisite: TPA 3208. Advanced study in costume construction techniques utilized in theatre costume shops. May be repeated to a maximum of six (6) semester hours.

TPA 4091. Rendering for the Stage (3). Rendering techniques for the set, costume, and lighting designer in various media. Professional equipment required. May be repeated to a maximum of six (6) semester hours.

TPA 4140. Life Drawing for Designers (3). This course explores the problems of figure drawing as they relate specifically to the theatrical designer using live, nude and draped models. May be repeated to a maximum of six (6) semester hours.

TPA 4177. Scene Painting (3). Traditional scene painting techniques for theatre and film. Professional equipment required. May be repeated to a maximum of six (6) semester hours.

TPA 4178. Advanced Scene Painting (3). This is an advanced studio course that will develop advanced skills in scene painting. May be repeated to a maximum of six (6) semester hours.

TPA 4223. Theatrical Lighting Technology (3). Prerequisite: TPA 2201. This course explores a variety of practical skills and tools that are necessary for a career as a master electrician, programmer, or other non-design application. It encompasses work in electricity, trouble shooting, special effects, light board programming, and advanced technology. May be repeated to a maximum of nine (9) semester hours.

TPA 4230. Advanced Costume Construction (3). Prerequisite: TPA 3230. This course is an advanced studio course in costume construction techniques utilized in theatre costume shops. May be repeated to a maximum of six (6) semester hours.

TPA 4320. Structural Design for the Stage I (3). Prerequisite: TPA 2201, 2201L; permission of instructor. This course explores the physics and mathematics associated with successful stage design and construction. The course will introduce students to the structural design and construction of sets and properties, as well as the practical aspects of lighting design. May be repeated to a maximum of six (6) semester hours.

TPA 4330. Structural Design for the Stage II (3). Prerequisites: TPA 4302; permission of instructor. This course continues the concepts and material covered in TPA 4302. It explores the physics and mathematics associated with successful stage design and construction. The course will introduce students to the structural design and construction of sets and properties, as well as the practical aspects of lighting design. May be repeated to a maximum of six (6) semester hours.

TPA 4410. Acting Technique I: Basic Process (3). Prerequisite: Permission of instructor. Introduction of the basic acting process. Emphasis on living truthfully in imaginary circumstances through honest listening and response. May be repeated to a maximum of nine (9) semester hours.

TPP 2111r. Acting Technique II: Contemporary American Realism (3). Prerequisites: TPP 2110r and/or permission of instructor. This course introduces students to the basic principles of voice training. Group and individual exercises are designed to stimulate and develop the imagination, physical and sensory awareness, and creativity. Students will be encouraged to develop their skills as actors. Opportunity for students to receive additional supervision and critique, as well as credit, for participation in rehearsal and performance.

TPP 2190r. Seminar in Stage Management (3). Prerequisite: TPP 2190L and/or permission of instructor. This course continues the concepts and material covered in TPA 4302. It explores the physics and mathematics associated with successful stage design and construction. The course will introduce students to the structural design and construction of sets and properties, as well as the practical aspects of lighting design. May be repeated to a maximum of six (6) semester hours.

TPP 2191L, 2192L, 4193L–4195L. Theatre Rehearsal and Performance [two (2) hours each]. Prerequisites: TPP 2190L; general survey of the development of acting and actor training, Stanislavsky to Hagen, with exercises in the basics of the actor's process and audition technique. May be repeated to a maximum of nine (9) semester hours.

TPP 2265. Acting for the Camera (3). Prerequisite: TPP 2260. This course introduces students to the craft of sewing costumes for use on the stage. The course is intended to instruct students in the craft of sewing costumes for use on the stage. The course includes instruction in the creation and use of patterns, as well as practical aspects of lighting in both the proscenium and non-proscenium venues. May be repeated to a maximum of nine (9) semester hours.

TPP 2365. Voice for the Actor (3). Prerequisite: TPP 2360. This course introduces students to the craft of sewing costumes for use on the stage. The course is intended to instruct students in the craft of sewing costumes for use on the stage. The course includes instruction in the creation and use of patterns, as well as practical aspects of lighting in both the proscenium and non-proscenium venues. May be repeated to a maximum of nine (9) semester hours.

TPP 3103r. Performance II (3). Prerequisite: TPP 2100. Exploration of performance techniques and non-traditional scenic techniques and non-traditional materials, including clay, plaster, leather, thermoplastics, casting, and metals, and their relationship to theatrical apparel. May be repeated to a maximum of nine (9) semester hours.

TPP 3150r. Movement Techniques for Theatre I (3). Prerequisite: Permission of instructor. Exercises for self-awareness, physical strength, flexibility, and versatility for the actor. May be repeated to a maximum of six (6) semester hours.

TPP 3151r. Movement Techniques for Theatre II (3). Prerequisite: TPP 3150r; and/or permission of instructor. Styles of movement and dance, creative presentations, and daily warm-ups. May be repeated to a maximum of six (6) semester hours.

TPP 3251r. Stage Fight I (3). Prerequisite: TPP 3250r. This course focuses on the use of found weapons, quarter-staffs, and rapiers/daggers in combat. Hand-to-hand work and tumbling are essential to class progression. May be repeated to a maximum of nine (9) semester hours.

TPP 3352r. Stage Fight II (3). Prerequisite: TPP 3351r. A continuation of Stage Fight I, this course focuses on the use of found weapons, quarter-staffs, and rapiers/daggers in combat. Hand-to-hand work and tumbling are essential to class progression. May be repeated to a maximum of nine (9) semester hours.

TPP 3820. Lighting Techniques for Theatre (3). Prerequisites: TPA 3208, 4020. This is an overview course in the primary light design and visualization software programs. No prior knowledge of computer-aided design is necessary. Significant individual work is required. Students will create lighting designs in collaboration with a lighting designer and with an emphasis on the economic and managerial aspects of American theatre especially as they apply to nonprofit and professional theatre.

TPP 4051r. Stage Management (2). Methods and techniques of managing simple dramatic shows to complex multiscreen productions. Must be taken before stage managing a Mainstage production. Consent of instructor required.

TPP 4060r. Advanced Stage Management (3). Prerequisite: TPP 4061. Intended for the student with previous work and instructor approval. Emphasis on the development of skills needed to practice in a LORT theatre. May be repeated to a maximum of twelve (12) semester hours.

TPP 4090r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.
Prerequisite: Junior standing. Focus on releasing the singer’s acting voice, with particular emphasis on increasing breath capacity during movement, deepening and expanding resonance and range, and increasing articulation skills. Students learn to fully embody their voice and speech skills to avoid strain and loss that come from executing sound solely from the throat.

TPP 4257. Voice for Musical Theatre (3). Prerequisite: TPP 3510r, 3715r; and/or permission of instructor. Course is primarily designed to expand the vocal imagination of the student actor. The International Phonetic Alphabet is introduced in an organic manner as a primary tool in the adoption of different speech sounds from those that are natural to each student actor. This course includes a “Speech Sound Donor Project,” in which the student actor must study and implement a dialect different from their own natural one, and then must teach it to the group at large. May be repeated to a maximum of six (6) semester hours.

TPP 4310. Directing I (3). Corequisite: THE 4305. A basic techniques course with emphasis on script analysis, fundamentals of staging, and work with actors.

TPP 4512r. Advanced Movement for the Theatre (3). Prerequisite: TPP 3510r, 3511r; and/or permission of instructor. Advanced movement techniques and exploration of repertory and choreography. May be repeated to a maximum of six (6) semester hours.

TPP 4600. Fundamentals of Playwriting (3). Introductory course to the craft of playwriting. Functions as a workshop and focuses on the mechanics of structure, form, and marketing.

TPP 4712r. Voice Techniques for Theatre III (3). Prerequisite: TPP 2110r, 3710r, 3711; and/or permission of instructor. The incorporation of vocal techniques into acting problems. Exercises in acting styles. Vocal characterization. Emphasis on vocal freedom and flexibility. May be repeated to a maximum of six (6) semester hours.

TPP 4716r. Voice Techniques for Theatre IV (3). Prerequisite: TPP 4712. This course is primarily designed to expand the vocal imagination of the student actor. The International Phonetic Alphabet is introduced in an organic manner as a primary tool in the adoption of different speech sounds from those that are natural to each student actor. This course includes a “Speech Sound Donor Project,” in which the student actor must study and implement a dialect different from their own natural one, and then must teach it to the group at large. May be repeated to a maximum of six (6) semester hours.

TPP 4923r. 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 six (6) semester hours.

TPP 4922r. Performance Workshop in Acting/Directing (2). Prerequisites: BFA candidates only; permission of instructor. Course provides evaluating systemization, supervision, and critiques of all performance work undertaken to isolate acting and musical problems that occur in musical theatre and to seek their solution in performance. May be repeated to a maximum of six (6) semester hours.

TPP 4940r. Internship in Theatre Performance (1–3). (S/U grade only.) Prerequisites: Completion of all coursework 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).
THE 5120. Advanced Theatre History I: Classical and Medieval (3).
THE 5130. Advanced Theatre History II: Renaissance and 18th Century (3).
THE 5160. Advanced Theatre History III: 19th and 20th Centuries (3).
THE 5246. Musical Theater History I (3).
THE 5247. Musical Theater History II (3).
THE 5265r. Historic Costume II (3).
THE 5273r. Seminar: Selected Topics in History of Performance (Acting and Directing) (3).
THE 5287. History of Architecture and Decor (3).
THE 5317r. Seminar: Selected Topics in Dramatic Literature and Dramatic Theory (3).
THE 5437. Gender, Race, and Performance (3).
THE 5485. Shakespearean Dramaturgy (3).
THE 5486. Graduate Dramaturgy (3).
THE 5765. Performance I for Theatre Educators (3).
THE 5770. Theatre History and Literature I for Theatre Educators (3).
THE 5771. Theatre History and Literature II for Theatre Educators (3).
THE 5772. Theatre History and Literature III for Theatre Educators (3).
THE 5905r. Directed Individual Study (3). (S/U grade only.)
THE 5910. Theatre Bibliography and Research (3).
THE 5916r. Supervised Research (1–5). (S/U grade only.)
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 III (3).
TPA 5069r. Scenic Design IV (3).
TPA 5079. Scene Painting (3).
TPA 5080r. MFA Practicum in Design for the Stage (2–15).
TPA 5086. Life Drawing for Designers (3).
TPA 5089. Advanced Technical Theatre: Problems in Scene Painting (3).
TPA 5098. Theatrical Design for Theatre Educators (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 5284. Technical Production (3).
TPA 5285. Technical Production and Management (3).
TPA 5286r. Selected Topics in Technical Theatre (3).
TPA 5287. Advanced Costume Patteming (3).
TPA 5306. Structural Design for the Stage II (3).
TPA 5310. Structural Design for the Stage I (3).
TPA 5315. Physics of Stage Machinery (3).
TPA 5335. Costume Design for Dance (3).
TPA 5336. Costume Design for Film and Television (3).
TPA 5355. Lighting Software for Theatre (3).
TPA 5356. Computer Rendering for Costume Designers (3).
TPA 5385. Technical Production for Theatre Educators (3).
TPA 5386. Advanced Technical Production for Theatre Educators (3).
TPA 5405. Principles of Theatre Management (3).
TPA 5407. Fundraising in the Arts (3).
TPA 5408. Business and Legal Issues in the Arts (3).
TPA 5409. Audience Development and Arts Marketing (3).
TPA 5425. Fiscal Management and Economics in the Arts (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 (5).
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 5158. Performance II for Theatre Educators (3).
TPP 5284r. MFA Practicum in Acting (1–15).
TPP 5355. Performance III for Theatre Educators (3).
TPP 5380r. MFA Practicum in Directing (2–15).
TPP 5381. Problems in Directing (3).
TPP 5383. Problems in Directing (3).
TPP 5515r. Movement I (3).
TPP 5516r. Movement II (3).
TPP 5561. Advanced Play Analysis (3).
TPP 5715r. Voice I (3).
TRANSPORTATION AND TRAFFIC ENGINEERING: see Civil and Environmental Engineering
TRANSPORTATION PLANNING: see Urban and Regional Planning

Department of URBAN AND REGIONAL PLANNING

COLLEGE OF SOCIAL SCIENCES
Chair: Charles Connerly; Professors: Connerly, Deyle, Stiftel, Thompson; Associate Professors: Audirac-Zazueta, Chapin, Doan, Miles; Assistant Professors: Brown, Coutts, Lowe; Research Associate: Higgins; Assistant in Planning: Walker; 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development</td>
</tr>
<tr>
<td>URP 4022</td>
<td>Collective Decision Making</td>
</tr>
</tbody>
</table>

Elective Courses (Choose Two)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 4314</td>
<td>Introduction to Growth Management and Comprehensive Planning</td>
</tr>
<tr>
<td>URP 4402</td>
<td>Sustainable Development</td>
</tr>
<tr>
<td>URP 4423</td>
<td>Introduction to Environmental Planning and Resource Management</td>
</tr>
<tr>
<td>URP 4618</td>
<td>Introduction to Planning for Developing Regions</td>
</tr>
<tr>
<td>URP 4710</td>
<td>Introduction to Transportation Issues and Transportation Planning</td>
</tr>
<tr>
<td>URP 4741</td>
<td>Introduction to Issues in Housing and Community Development</td>
</tr>
<tr>
<td>URP 4936r</td>
<td>Special Topics in Urban and Regional Planning</td>
</tr>
</tbody>
</table>

The Certificate Program in Urban and Regional Planning

The certificate program is intended for undergraduate students who want to delve more deeply into the field of planning. The program requires two courses in addition to the four required for the minor and is issued only in conjunction with the applicant’s receipt of a bachelor of arts or science degree and a grade of “C-” or better in all courses. One of these two courses must be ECO 2023 Principles of Microeconomics (3). The second course should be chosen from a list available from the undergraduate program adviser.

Pre-Graduate Program

This undergraduate program is designed for students who anticipate continuing to graduate school to earn the professional master’s degree in planning. Students in this program are given the opportunity to begin graduate-level course work in their senior year and thereby may satisfy some of the requirements of a graduate degree while still completing their undergraduate credit hour requirements. This program is closely coordinated with the department’s graduate program, offering students the possibility of preferred admission with advanced standing at the graduate level. Students make application for advanced standing after admission to the master’s program.

The pre-graduate program allows acceleration toward the master of science in planning degree upon satisfactory completion of one required undergraduate course and one to four of the eligible URP graduate courses. URP 3000 is a prerequisite/corequisite for all courses.

Admission to the pregraduate program is available only to those undergraduates who are beginning or in their senior year and who have maintained a cumulative FSU grade point average (GPA) of at least 3.2 or who have earned a score of at least 1000 on the combined verbal and quantitative portions of the GRE and who have taken or are registered for URP 3000. Students completing this program with an upper-division GPA of at least 3.0 may be offered admission to the master’s program in planning with advanced standing for up to twelve (12) semester hours of course work in which the grade of “B” or higher was earned.

Required Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development (3)</td>
</tr>
</tbody>
</table>

Elective Courses (Choose One to Four)

Students interested in the pre-graduate program are advised to see the department’s Director of Undergraduate Programs for advising on appropriate courses to take.
A guide to undergraduate studies in urban and regional planning is available from the department and should be consulted by all students enrolling in the minor in planning studies or pre-graduate programs. A minor can be earned concurrent with work on the pre-graduate program. The minor is composed of a four-course sequence: URP 3000, 4022, and at least two additional graduate courses.

Multicultural Studies

A variety of urban and regional planning undergraduate courses explore perspectives of different cultural groups on questions related to urban life and the development of human settlements. Approved for credit under the University’s baccalaureate multicultural requirement for cross-cultural (X) courses are: URS 1006 World Cities; and URP 4618 Planning for Developing Regions. Approved under the requirement for diversity in western cultures (Y) is: URP 4402 Sustainable Development Planning in the Americas.

Definition of Prefixes

URP—Urban and Regional Planning
URS—Urban and Regional Studies

Undergraduate Courses

Liberal Studies Area III

URS 1006. World Cities: Quality of Life (3). Major world cities are examined in terms of their natural, social, and built environments in order to assess those factors that promote quality-of-life and sustainability. Prospects for future growth and change are considered in light of demographic, cultural, economic and political trends.

Upper Division Courses

URP 3000. Introduction to Planning and Urban Development (3). Introduces planning concepts and the role of planning in formulating policy, meeting critical problems, and shaping the future urban environment.

URP 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

URP 4022. Collective Decision Making (3). Prerequisite: URP 3000 or permission of instructor. Outlines and discusses various dimensions of the “sustainable development” paradigm and its local-global policy implications, issues, and controversies with a focus upon North America and Latin America. Organized in three modules: 1) environmental philosophies that have influenced the movement; 2) North American approaches to planning for sustainable development; and 3) critical issues of sustainable development in Latin America.

URP 4423. Introduction to Environmental Planning and Resource Management (3). Prerequisite: URP 3000 or permission of instructor. A general introduction to the problems of resource management and environmental planning, with an overview of problems and potential solutions and their relation to other public policy areas such as land-use control and regional development.

URP 4531. Policy and Planning for the Aged (3). This course examines issues faced by older people and the current federal and state policies designed to address these issues. It explores public and private policies in the context of both political economy and the long-term care continuum from independence to dependence.

URP 4618. Planning for Developing Regions (3). Prerequisite: URP 3000 or permission of instructor. This course will introduce the student to the field of development planning and give the student exposure to the interplay between theory and practice. Topics include concepts of development, measurement and indicators of patterns of development, rural development, urban development, preparation of development plans, and implementation of development plans.

URP 4710. Introduction to Transportation Issues and Transportation Planning (3). Prerequisite: URP 3000 or permission of instructor. An introduction to contemporary U.S. transportation problems, sources of funding, and legislation. Presents the theory and methods employed by planners in the process of resolving transportation problems.

URP 4741. Introduction to Issues in Housing and Community Development (3). Prerequisite: URP 3000 or permission of instructor. Focuses on the operation of the housing market, the nature of the housing and community development problem, and the gradual development of a national housing and community development policy since the 1930s. Relationships between public and private sectors are examined.

URP 4936r. Special Topics in Urban and Regional Planning (3). A selected topics seminar for the discussion of unique and timely planning related issues. Content varies. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

Planning Theory and Practice

URP 5101. Planning Theory and Practice (3).
URP 5122. Planning Dispute Resolution (3).
URP 5125. Plan Implementation (3).
URP 5131. Legal Foundations for Planning (3).
URP 5342. Advanced Planning Problems (3).
URP 5544. Gender and Development (3).
URP 5944. Dispute Resolution Practicum (3).
URP 6102. Seminar in Planning Theory (3).

Planning Methods

URP 5201. Methods of Planning Analysis I: Research and Evaluation (3).
URP 5211. Methods of Planning Analysis II: Statistics (3).
URP 5222. Policy Analysis for Planning Decisions (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).

Environmental Planning and Natural Resource Management

URP 5421. Introduction to Environmental Planning and Natural Resource Management (3).
URP 5422. Coastal Planning (3).
URP 5424. Sustainable Development Planning in the Americas (3).
URP 5425. Methods of Environmental Analysis (3).
URP 5427. Environmental Legislation and Policy (3).
URP 5429r. Special Topics in Environmental Planning and Resource Management (3).

Growth Management and Comprehensive Planning

URP 5312. Perspective and Issues of Comprehensive Planning and Growth Management (3).
URP 5316. Land-Use Planning (3).
URP 5319r. Special Topics in Comprehensive Planning and Growth Management (3).
URP 5350. Pedestrian-Oriented Communities (3).
URP 5731. The Planning of Community Infrastructure (3).
URP 5873. Site Design and Land-Use Analysis (3).

Transportation Planning

URP 5711. The Transportation Planning Process (3).
URP 5716. Transportation and Land Use (3).
URP 5717. Methods of Transportation Planning (3).

Housing and Community Development

URP 5540. State and Local Economic Development Planning (3).
URP 5615. Infrastructure and Housing in Less Developed Countries (3).
URP 5742. Problems and Issues in Housing and Community Development (3).
URP 5743. Neighborhood Planning (3).
URP 5749r. Special Topics in Housing and Community Development (3).
Women’s studies graduates have described women’s studies as a versatile major that prepared them for life, not just a career. In particular, graduates have cited its interdisciplinary focus, its attention to developing critical thinking skills, and its ability to empower students with a new sense of their potential and the courage to design their own careers and life plan. Women’s studies graduates can be found in nearly all occupations.

The women’s studies program offers an undergraduate major within the interdisciplinary bachelor’s degree from the Department of Humanities and an interdisciplinary minor at the undergraduate, MA, and PhD levels.

For more information and updates see the women’s studies program Web site at http://freud.psy.fsu.edu/~womenstudies/.

**Admission Requirements**

Please review all college-wide degree requirements in the “College of Arts and Sciences” chapter of this General Bulletin.

Any student with a 2.0 grade average who meets the admission requirements of the College of Arts and Sciences is eligible to declare a major in women’s studies. Students who wish to declare a major in women’s studies must apply for admission with the women’s studies office and complete an advising form.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in women’s studies satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

**Requirements for a Major in Women’s Studies**

Students are required to take thirty-three (33) semester hours of women’s studies courses and approved cross-listed courses distributed as described below. Only one of these courses that is used to satisfy the requirement for liberal studies may also be counted toward the fulfillment of the major. Honors thesis hours may be applied toward the bachelor of arts (BA) degree, but only three (3) semester hours will be accepted for major credit. All courses counted toward the major must carry the grade of “C–” or better. Majors must maintain a 2.0 grade point average for graduation. Women’s studies majors are required to complete a minor and are strongly encouraged to complete a minor in a single discipline. No course used to satisfy requirements for a minor may be counted for the major.

**Double Majors**

Students pursuing a double major must meet the program requirements of both majors, with the following exceptions: 1) No more than six (6) semester hours may be counted toward both majors; and 2) No minors are required for the double major.

**Distribution**

**WST Requirement**

Nine (9) semester hours in WST interdisciplinary courses: a) WST 3251 Women in Western Culture: Images and Realities (3); b) WST 4931 Seminar in Women’s Studies, or WST 4930r Topics In Women’s Studies (3–6); c) either WST 4930r Topics in Women’s Studies (3), or WST 4940r Women’s Studies Internship (3–6) as approved by the program director. Check with the women’s studies office each term for a list of possible courses that can be used to fulfill these credits.

**Cross-Listed Core Courses**

At least twelve (12) semester hours of cross-listed courses listed below are required. Specifically required are three (3) semester hours from each of the four groups below:

**Group A**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4561</td>
<td>Women in 19th-Century America (3)</td>
</tr>
<tr>
<td>AMH 4562</td>
<td>Women in Modern America (3)</td>
</tr>
<tr>
<td>AMH 4565</td>
<td>Colonial and Revolutionary Era American Women’s History (3)</td>
</tr>
</tbody>
</table>
Women’s Studies 353

Requirements for a Minor in Women’s Studies

At least fifteen (15) semester hours of approved courses, distributed as follows:

1. At least three (3) semester hours of interdisciplinary women’s studies courses selected from WST 3251 Women in Western Culture: Images and Realities, WST 4930r Topics in Women’s Studies, WST 4931 Seminar in Women’s Studies

2. At least nine (9) semester hours of cross-listed core courses

3. The remaining three (3) semester hours may be selected from approved WST courses, cross-listed core courses, approved special topics courses, or related courses. No 2000-level courses may be used to fulfill credit for the minor.

Minors should consult the women’s studies offerings in the Florida State University Course Lookup System at http://apps.oti.fsu.edu/servlet/RegistrarCourseLookupSearchForm, and check with the women’s studies staff each term for a list of approved courses that can be used to fulfill these 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

- AMH 4561 Women in 19th-Century America (3)
- AMH 4562 Women in Modern America (3)
- AMH 4565 Colonial and Revolutionary Era American Women’s History (3)
- ANT 4302 Sex Roles in Cross-Cultural Perspective (3)
- ARE 4790 Women, Art and Education (3)
- ARH 4870 20th-Century U.S. Women’s Art (3)
- CCJ 4663 Female Crime and Delinquency (3)
- CLA 3501 Gender and Society in Ancient Greece (3)
- CLA 3502 Women, Children and Slaves in Ancient Rome: The Roman Family (3)
- FOW 3240 Literature and Sexuality (3)
- FRT 3561 French Women Writers (3)
- HOE 3330 Human Sciences and Human Development: Global Perspectives (3)
- LIT 3383 Women in Literature (3)
- LIT 4385 Major Women Writers (3)
- NUR 3495 Women’s Health Issues: Concerns Through the Life Cycle (3)
- PET 4253 Lesbian and Gay Sport Studies (3)
- PET 4254 Gender Issues in Sport and Physical Activity (3)
- SOW 4108 Women’s Issues and Social Work (3)
- SOW 4627 Mental Health of Diverse Populations (3)
- SPC 4630 Rhetoric of Women’s Issues (3)
- SPW 4481 Contemporary Spanish Women Writers (3)

Electives

Twelve (12) semester hours may be selected from among the following options: a) WST 4904r Directed Individual Study in Women’s Studies, WST 4930r Topics in Women’s Studies, WST 4940r Women’s Studies Internship; b) the cross-listed courses in Groups A-D; c) approved related courses, special topics courses, seminars, and workshops. Three (3) semester hours of the major elective requirement may be satisfied with a 2000-level course, including, but not necessarily limited to, AMH 2096 Black Women in America, and PHM 2121 Philosophy of Race, Class, and Gender; however, the course must be taken at Florida State University, and only one of the listed classes may be counted toward credit in the program in women’s studies. Majors should consult the women’s studies offerings in the Florida State University Course Lookup System, at http://apps.oti.fsu.edu/servlet/RegistrarCourseLookupSearchForm, and check with the women’s studies office each term for a list of approved courses that can be used to fulfill elective credits.

Exit Surveys/Interviews

To be eligible for graduation, students majoring and minoring in women’s studies must complete an exit interview or survey.

Honors in the Major

The women’s studies program offers a program in honors in the major to encourage talented students to undertake independent and original research. Students admitted to honors in the major may apply up to six (6) semester hours of honors thesis hours (WST 4970r Honors Thesis—Women’s Studies) toward the bachelor of arts degree, but only three (3) semester hours of WST 4970r will be accepted for major credit. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.
Definition of Prefix
WST—Women's Studies

Undergraduate Courses
WST 3251. Women in Western Culture: Images and Realities (3). An interdisciplinary examination of women’s roles in the development of Western culture, focusing on women’s contributions to music, literature, theatre, art, religion, political thought, and science. Concurrently, this course examines what it meant to be female in each era of Western civilization.

WST 4904r. Directed Individual Study (1–3). Prerequisite: Approval of women’s studies director. For advanced undergraduates who desire to supplement the regular course offerings by independent reading or research under guidance. May be repeated to a maximum of three (3) semester hours.

WST 4935r. Topics in Women's Studies (3). This course explores specific topics or themes in gender/women’s studies based on a feminist approach. A variety of topics from different fields of study will be offered from an interdisciplinary perspective. Topics of material not covered in the regular curriculum will be offered. May be repeated to a maximum of nine (9) semester hours.

WST 4931. Seminar in Women's studies (3). Prerequisite: At least two women’s studies core courses. Corequisite: Approval of program director. This senior seminar examines how cultures structure and represent gender in a variety of arenas. Through critical reading of key contemporary works of feminist theory and intensive investigation of multidisciplinary case studies, students study the variety of representations of woman’s experience.

WST 4940r. Women’s Studies Internship (3–6). (S/U grade only.) Prerequisite: Two core courses in women’s studies. Corequisite: Approval of program director. The internship offers practical experience working on women’s issues or with women as a focus group in governmental and private agencies, women’s organizations, or business. Internships may be arranged for junior and senior minors and majors in women’s studies with the women’s studies office. May be repeated to a maximum of six (6) semester hours.

WST 4970r. Honors Thesis—Women’s Studies (1–6). Prerequisite: WST 3251. The honors thesis in women’s studies is a research document of an interdisciplinary nature, drawing on the various categories in humanities and the social sciences represented in the women’s studies program. Permission of WST director required. May be repeated to a maximum of nine (9) semester hours.

Note: See the appropriate individual department chapters in the Graduate Bulletin for full course descriptions.

Graduate Courses
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)
ARH 5875. 20th-Century Feminist Art Criticism (3)
EDA 5227. The Role of the Woman Administrator in Education (3)
EDF 5706. Gender and Education in Comparative Perspective (3)
HEE 5347r. International Home Economics (1–3)
LIT 5388r. Studies in Women's Writing (3)
PET 5252. Gender Issues in Sport and Physical Activity (3)
PET 5257. Lesbian and Gay Sport Studies (3)
REL 5675. Gender and Judaism (3)
SOW 5109. Women's Issues and Social Work (3)
SOW 5614. Family Violence Across the Life Span (3)
SOW 5628. Mental Health of Diverse Populations (3)
SPC 5639. Rhetoric of Women's Issues (3)
SPW 5486. Contemporary Spanish Women Writers (3) (In Spanish)
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)

Note: See the appropriate individual department chapters in the Graduate Bulletin for full course descriptions.

Writing:
see English

Zoology:
see Biological Science
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Changes in faculty, professional, and administrative staff made after September 30, 2006, may not be reflected in the following list. Please note that departmental faculty listings may reflect changes made after the September 30th deadline; thus, differences may exist between departmental faculty lists and this list.

UNIVERSITY FACULTY

Those whose names are preceded by an asterisk or a plus are members of the graduate faculty. Membership on the graduate faculty falls into one of two categories on the basis of functional responsibility:

Abbot, Frederick M., J.D., Yale; L.L.M., Cal. Berkeley; Professor of Law and Edward Ball Eminent Scholar in International Law.

Abdel Razig, Yasser, Ph.D., Purdue; Assistant Professor of Civil and Environmental Engineering.

Abdulrahim,brahim, Ph.D., Northwestern University; Assistant Professor of Civil and Environmental Engineering.

Abel, Carol L., M.A.; Visiting Associate in Research.

Abele, Lawrence G., Ph.D., Miami; University Provost, Executive Vice President for Academic Affairs and Professor of Biological Science.

Abell, Joshua, M.D., Florida State; Associate Professor of Social Work.

Abendroth, Maryann, M.S., Florida State; Assistant in Nursing.

Abich, Marek, Ph.D., Wisconsin; Assistant Professor of Civil Engineering.

Aboud, Doris A., Ph.D., Tennessee at Knoxville; Associate Professor of Nutrition Food and Exercise Science.

Abramov, Dmitry, Ph.D., Friedrich-Alexander University Erlangen-Nuremberg; Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory.

Adalier, Korhan, Ph.D., Rensselaer Polytechnic; Assistant in Engineering Panama City Campus.

Adamovich, Libusa S., Ph.D., University of Belgrade; Scholar/Scientist/Engineer Dean's Office, College of Social Sciences.

Adams, Jonathan L., Ed.D., Boston; Associate Professor of Communication.

Adams, Mark, Ph.D., University School Instructor, Florida State University School.

Adams, Sandra, Ph.D., South Florida; Assistant in Research Institute for Science and Public Affairs.

Adams, Todd, Ph.D., Notre Dame; Assistant Professor of Physics.

Adley, Kouacou, Ph.D., Paris VI University; Assistant in Research Chemistry and Biochemistry.

Adolph, Winnifred R., Ph.D., North Carolina at Chapel Hill; Associate Chair and Associate Professor of Modern Languages and Linguistics.

Adolph, Wolfgang E., A.B.D., North Carolina; Associate in Modern Languages and Linguistics.

Agashe, Amod Sadanand, Ph.D., California at Berkeley; Assistant Professor of Mathematics.

Aggarwal, Sudhir, Ph.D., Michigan; Professor of Computer Science.

Ahluwalia, Jon E., Ph.D., Wisconsin; Associate Professor of Meteorology.

Ahn, Tae Kyung, Ph.D., Indiana; Visiting Assistant Professor of Political Science.

Akbar, Naim, Ph.D., Michigan; Associate in Clinical Psychology.

Al-Otaiba, Stephanie Dent, Ph.D., Vanderbilt University; Assistant Professor Special Education.

Albugini, Igor V., Ph.D., Moscow St. University; Assistant Professor of Chemistry and Biochemistry.

Alamo, Tanveer, Ph.D., Madrid; Professor, Chemical Engineering.

Aldridge, Amy S., B.S.; Faculty Administrator, Chemistry.

Alidoro, Ettore, Ph.D., International School for Advanced Studies - Italy; Assistant Professor of Mathematics.

Alexander, Dianne G., Ph.D., Florida State; Director Medical/Health Administration Communication Disorders.

Alexander, Mary M., Ph.D., Florida State; Associate in Childhood Education, Reading and Disability Services.

Alexander, Michael D., M.S.; University School Assistant Professor, Florida State University School.

Allaire, Joseph L., Ph.D., Wayne State; Associate Professor of Modern Languages and Linguistics.

Allen, Charles W., Associate in Film.

Allen, Michael L., Ph.D., North Texas; Professor of Music.

Allen, Susan D., Ph.D., Southern California; Professor of Chemistry and Biochemistry and Electrical and Computer Engineering.

Allen, Terice D., B.S.; University School Assistant Professor.

Allin, Willie C., Ph.D., Florida State; Visiting Instructor, College of Education.

Almiral, Dario J., Ph.D., Iowa; Assistant Professor of Elementary and Early Childhood Education and Practice.

Alt, Colleen, Stephanie, Ph.D., Vanderbilt University; Assistant Professor of Special Education.

Alston, Sebastian, M.D., University of North Carolina, Chapel Hill; Faculty Administrator, College of Medicine.

Altman, Burton H., M.L.S.; Library Storizer Library Pepper Collection.

Aluffi, Paolo, Ph.D., Brown; Professor of Mathematics.

Alvarez, Enrique, Ph.D., Illinois; Assistant Professor of Modern Languages.

Alvi, Farrukh S., Ph.D., Penn State; Associate Professor of Education.

Amberger, Marc, Ph.D., University of Hawaii at Manoa; Research Scientist.

Amesler, Eva, B.M.; Visiting Assistant Professor of Music.

Anderson, Ashley M., Visiting Assistant in Field Instruction Center for Professional Development Academic Affairs.

Anderson, Jonathan, Ph.D., Assistant Professor of Sociology.

Anderson, Leon, J.R., M.M.; Associate Professor of Music.

Anderson, Lorin C., Ph.D., Claremont Graduate University; Professor of Biological Sciences.

Anderson, Rodney D., Ph.D., American University; Professor of History.


Anderson, Thomas L., Ph.D., Georgia; Jessie Lovano-Kerr Professor of Art Education.

Anderson-Lazer, Kathryn M., Ph.D., Nebraska; Associate Professor of Nutrition Food and Exercise Sciences.

Andre, Petru, Ph.D., Maryland; Assistant Professor of Electrical and Computer Engineering.

Andrews, Pamela L., M.M.; Associate Professor of Music.

Andrus, Michael, M.S.; Assistant Scholar/Scientist/Engineer, Center for Advanced Power Systems.

Ang, James S., Ph.D., Purdue University; Professor of Finance and Bank of America Eminent Scholar in Banking.

Anthony, Feulner M., Assistant in Research Panama City Campus.

Apel, Kenn, Ph.D., University of Memphis; Professor of Communication Disorders.

Appel, Kira, M.L.S., Pratt Institute New York; Visiting Assistant Scholar/Scientist/Engineer.

Arthop, James W., B.S.; Faculty Administrator Collins Center for Public Policy Social Sciences.

Arakeri, Vijay H., Ph.D., California Institute of Technology Pasadena; Associate Scholar/Scientist/Engineer, Mechanical Engineering.

Arce, Pedro E., Ph.D., Purdue University; Associate Professor of Chemical Engineering.

Arias, Santa, Ph.D., Wisconsin at Madison; Assistant Professor of Modern Languages and Linguistics.

Arjmand, Bahram, Ph.D., Kansas State University; Professor and Chair, Nutrition, Food and Exercise Science.

Arline, Terrell K., J.D., Florida; Visiting Instructor of Urban and Regional Planning.

Armstrong, Bonnie H., Ph.D., Syracuse; Assistant in Distance Learning.

Armstrong, Margaret, M.A.; Associate in Research Educational Services Program Institute for Science and Public Affairs.

Arndt, Eliisa, B.S., Gordon College; Assistant in Research, Learning Systems Institute.

Arnold, Anthony J., Ph.D., Harvard; Associate Professor of Geological Sciences.

Arnold, Margaret Elizabeth, B.A., Florida State; Visiting University School Instructor, Florida State University School.

Arnonoff, Robert A., M.S.; Assistant in Communication.

Arora, Krishna, Ph.D., Indian Institute of Technology (Delhi); Associate Professor of Electrical and Computer Engineering.

Arora, Rajendra K., Ph.D., St. Andrews; Professor of Electrical and Computer Engineering.

Arpaia, Robert, Ph.D., Saint Louis University; Visiting Assistant Professor, Philosophy.

Arpan, Laura M., Ph.D., Alabama; Associate Professor of Communication.

Ashmore, Margaret S., M.S.W., Florida State; Lecturer of Social Work.

Askew, Reubin O'D., J.D., Florida; Reubin O'D. Askew Eminent Scholar in Florida Government and Politics; Distinguished Professor of Public Administration and Policy, Senior Fellow Florida Institute of Government and Reubin O'D. Askew School of Public Administration and Policy.

Aspinwall, Leslie N., Ph.D., Florida State; Associate Professor of Middle and Secondary Education.

Atkeson, Beverly M., Ph.D., Georgia; Director, Research Programs Services Social Work.

Atkinson, Robert E., Jr., Yale; Professor of Law.

Atolia, Manoj, M.P., Indiana University; Assistant Professor of Economics.

Audridza-Zanueta, Ivonne, Ph.D., Florida; Associate Professor of Urban and Regional Planning.

Augustyn, Amy S., M.S., Florida State University; Assistant in Research, Learning Systems Institute.

Augustyniak, Rebecca H., M.L.S.; Program Director, Center for Information Training, and Evaluation Services Institute for Science and Public Affairs.

Austin, Anjali; Associate Professor of Dance.

Autore, Donald, Ph.D., Virginia Polytechnic Institute; Assistant Professor, Finance.

Avila, Luz, M.S.; Inphasis University; Visiting Instructional Specialist, Child Development Programs.

Ayotihaha, Anikumar, Ph.D., Kerala; Associate in Research, Chemistry and Biochemistry.

Babu, J., Ph.D., Bangalore University; Assistant Scholar/Scientist/Engineer, Physics.

Bacon, Sarah, M.A., University of Maryland, College Park; Visiting Assistant Professor, Criminology.

Bae, Hoon, Ph.D., Wayne State; Assistant in Research Chemistry and Biochemistry.

Baer, Howard A., Ph.D., Wisconsin; J. Daniel Kinel Professor of Physics, 2002.

Baggett, Julianna C., M.F.A., University of North Carolina; Assistant Professor of English.

Bagshaw, Roderick, B.C.L.; Visiting Professor of Law.

Baik, Byoungjun, Ph.D., California at Berkeley; Professor of Accounting.

Bailey, James G., M.S.; Assistant Professor of Chemistry.

Bailey, Jon Scott, Ph.D., Kansas; Professor of Psychology.

Bailey, Mark W., Ph.D., Virginia; Visiting Assistant Professor of Computer Science.

Bailey, Stephen A., J.D., Florida State; Assistant in Real Estate, Risk Management and Insurance.

Bailey, William D., M.S., University School Assistant Professor, Florida State University School.

Bakan, Michael B., Ph.D., California at Los Angeles; Associate Professor of Music.
Bodell, Susan B., J.D., Miami; Visiting Assistant in Law
Boeginger, Gregory S., Ph.D., Massachusetts Institute of Technology; Director and Professor of the National High Magnetic Field Laboratory, Office of Research
Boeheold, Alan L., Ph.D., Harvard University; Visiting Eminent Scholar, Department of Classics
Boehrle, Bruce, Ph.D., Pennsylvania; Bertram Davis Professor of English, 2001
Bogdan, Frances, M.S.; Associate in Research National High Magnetic Field Laboratory
Bohringer, H. Glenn II, J.D., Florida State; Professor of Risk Management/Insurance Real Estate and Business Law
Boginski, Vladimir, Ph.D., Florida; Assistant Professor of Information Engineering
Bojczyk, Kathryn E., Ph.D.; Purdue; Assistant Professor of Family and Child Sciences
Body, Hokari, Ph.D., Caregine Mellon; Assoc. Professor Economics
Bolaños, Carlos A., Ph.D., Northeastern; Assistant Professor of Psychology
Bollinger, Andre F., Ph.D., University of Central Florida; Visiting Assistant Professor, Theatre
Boneske, Nicholas E., Ph.D., Cornell University; Associate Professor of Physics
Bonilla, Kristina, M.A., Nova Southeastern University; Visiting School Instructor, Florida State University School
Bonn, Mark A., Ph.D., Texas A&M; Professor of Hospitality Management and Director, Center for Tourism Research Panama City Campus
Boone, Katrina J., M.S.W.; Director of Field Education and Faculty Administrator, Social Work
Borges, Jason W., M.S.; Coordinator, University Housing
Boroto, Daniel R., Ph.D., Cornell; Associate Professor of Physics
Borsky, Stephen, Ph.D., McGill University; Curator, Ringling Center of the Arts
Bose, Ratha R., M.S.; Assistant in Statistics
Bosslaman, Robert H., Ph.D., Oklahoma State University; Professor of Hospitality Management
Boudreau, Stan, M.D., Louisiana State; Clinical Instructor, Medicine Instruction
Boursou, Mark A., Ph.D.; Purdue; Assistant Professor of Meteorology
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Boutil, Aimée M.C., Ph.D., Cornell; Associate Professor of Modern Languages and Linguistics
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Bowser, Judy K., Ph.D., Louisiana State; Professor of Music
Bowser, Kristina, M.S.; Tennessee; Assistant Professor in Mathematics
Bowser, Philip L., Ph.D., Tennessee; Chair of Mathematics and Dwight B. Goodner Professor of Mathematics, 2002
Boyd, James, M.S., Nebraska; Professor of Public Administration
Boyd, Mickey R., M.S.; Associate in Mathematics
Bozenhardt, Brian K., M.S.; Adjunct Assistant in Research Panama City Campus
Bradley, Ronald E., M.F.A., Florida State; Associate in Film and Associate Dean of the School of Motion Picture, Television and Recording Arts
Bradley, Edward L., M.D., Temple University Medical School; Associate Professor of Public Administration and Academic Administrator, Clinical Services and Professor of Clinical Sciences
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Campbell, Cynthia, M.Ed., University of Central Florida; Assistant in Educational Instruction, Clinical Experiences
Campbell, John R., B.S.; Assistant in Recruitment Aerospace Studies
Campbell, Robert, M.D., University of South Florida; Faculty Administrator, Medicine Instruction
Cane, Michael, M.S.; Instructor of Military Science
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Chackera, Richard, Ph.D., Washington; Professor of Public Administration
Chaffin, Richard, M.L.I.S., Louisiana State; Assistant Librarian, Strozier Library
Chalmers, Edwin L., III, B.F.A.; Assistant in Film
+ Chan Hilton, Amy, Ph.D., Virginia; Assistant Professor of Civil and Environmental Engineering
Chandra, Namas, Ph.D., Texas A&M; Krishnamury Karamcheti Professor of Engineering, 2000, and of Mechanical Engineering and Geological Sciences
+ Chang, Jie, Ph.D., Calgary; Associate Professor of Electrical and Computing Engineering
Chang, Tien Y., J.D., Florida; Assistant in Computer Science
+ Chanton, Jeffrey Paul, Ph.D., North Carolina at Chapel Hill; John Widmer Winchester Professor of Oceanography, 2002, and Professor of Oceanography and Geological Sciences
+ Chapo, Elliot, Ph.D., Washington; Associate Professor of Urban and Regional Planning
Chapman, Timothy S., Ph.D., University School Instructor, Florida State University School
+ Chappell, Fred D., B.A.; Professor of Theatre
Charlton, William H., Jr., M.A.; Visiting Assistant in Research Panama City Campus
Charnes, Neil, Ph.D., Carnegie-Mellon University; Professor of Policy Analysis
+ Chase, Prescott B., Ph.D., Southern California; Associate Professor of Biological Science
Chang, Trevor, B.S., University of Miami; Professor and Director of Oceanography
Chatterjee, Jhunu, Ph.D., Indiana Association for Cultivation of Science; Visiting Assistant Scholar of Mechanical Engineering
+ Chavez-Hernandez, Maria T., M.L.S.; Librarian, College of Information
Chella, Ravindran, Ph.D., Massachusetts at Amherst; Associate Professor of Chemical Engineering
+ Chen, Chi-Kai, Ph.D., Virginia; Visiting Assistant Professor of Chemical Engineering
Chen, Ching-Jen, Ph.D., Case Western Reserve University; Professor of the College of Engineering and Professor of Mechanical Engineering and Mathematics
Chen, Gang, Ph.D., Oklahoma; Assistant Professor of Civil and Environmental Engineering
Chen, Minxiong, M.A., East Carolina University; Assistant in Demography
Cheng, Wentang, Ph.D., Indiana; Assistant in Research Institute of Computational Science and Information Technology
Cheng, Yingmei, Ph.D., Pennsylvania; Assistant Professor of Finance
Chepko, Karen D., Assistant Librarian, Strozier Library
Cheung, Ronnie, Ph.D., University of British Columbia, Canada; Assistant Professor of Economics
Chishimba, M.L.S.; Assistant Librarian, Strozier Library
+ Chicken, Eric K., Ph.D., Purdue; Visiting Assistant Professor of Statistics
Childs, James L., B.A.; University School Assistant Professor
Chills, Matthew D., Ph.D., Texas at Austin; Assistant Professor of History
+ Chirovecu, Irinel, Ph.D., Louis Neel Laboratory; Assistant Professor of Physics
Chiricos, Christine A., M.S.; Assistant in Research Institute of Science and Public Affairs
+ Chiricos, Tina A., Ph.D., Massachusetts; Professor of Criminology and Criminal Justice
Chiu, Tao Y., Ph.D., Florida; Director and Professor, Beaches and Shores Resource Center, Office of Research
Chodory, Katarzyna J., M.S.; Assistant in Research Biological Science
Choi, Eun Sang, Ph.D., Seoul National University, Korea; Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
Christian, William A., Ph.D., Utah; Chair and Associate Professor of Finance
Christie, Donna R., J.D., Georgia; Associate Dean and Professor of Law
Christ-Janer, Arland F., J.D., Chicago; Faculty Administrator and Director Ringling Center for the Cultural Arts
+ Chudoba, Katherine M., Ph.D., Arizona; Assistant Professor of Information Management Sciences
Chukhmatov, Askar, Ph.D., Virginia Commonwealth University; Associate in Health Services Research, Family Medicine and Rural Health
Ciannella, Yvonne, B.A.; Professor of Music
Ciftci, Sabri, M.S., Florida State; Assistant in Research, College of Criminology and Criminal Justice
Claggitt, William, Ph.D., Minnesota; Associate Professor of Political Science
Clancy-Menchetti, Jeanine L., M.A.; Assistant in Research Learning Systems Institute
Clark, Dan O., M.M.; Librarian Music Library
Clark, James, M.S.; Visiting Professor of Texas, Austin; Assistant in Research, Criminology
Clark, Jeffrey A., Ph.D., Illinois; Professor of Finance
Clark, Joseph S., M.A.; Assistant in Distance Learning Academic Affairs
Clark, Kathleen, Ph.D., Maryland; Assistant Professor, Middle and Secondary Education
Clark, Margaret C., M.A.; Assistant Librarian, Law Library
Clark, Nancy B., M.Ed.; Associate in Medicine Mead Health Affairs
Clayson, Carol A., Ph.D., Colorado; Academic Director of the Geophysical Fluid Dynamics Institute and Associate Professor of Meteorology
Clayton-Emmerson, Sara, M.S.; University of Maryland; Assistant University Librarian
Clayton, Frank S., M.B.A.; Assistant Professor of Military Science
Clennett, Annie J., B.S.; Cleveland State; Associate Professor of Sport Administration
Clendinning, Jane Piper, Ph.D., Yale; Assistant Professor of Music
Cloonan, William, Ph.D., North Carolina at Chapel Hill; Chair and Professor of Modern Languages and Richard L. Chapelle Professor of Modern Languages and Linguistics
Clouet, Jonathan A., B.S.; Associate in Mechanical Engineering
Clowe, Billy R., Ph.D., Florida State; Assistant Professor of Criminology and Criminal Justice
Close, Shirley, M.M., University of Southern California, Los Angeles; Associate Professor of Music
Cloud, Philip B., Ph.D., Florida State University; University School Instructor, Florida State University School
Cloud, Rinn M., Ph.D., North Carolina at Greensboro; Chair and Professor of Textiles and Consumer Sciences
+ Coats, Pamela K., Ph.D., Nebraska at Lincoln; Robert C. Earnest Professor of Finance 2002
+ Cobbe, James H., Ph.D., Yale; Professor of Economics
Coburn, Mary B., Ph.D.; Vice President for Student Affairs
Coburn, Thomas F., Ph.D., Utah; Assistant Professor of Mathematics
Cocke, Steven D., Ph.D., Texas at Austin; Associate Scholar/Scientist/Engineer of Meteorology
Cogan, Nicholas, Ph.D., Utah; Assistant Professor of Mathematics
Cohen, Paul, B.A., Hofstra University; Visiting Assistant in Film
Cohen, Sarah H., M.M.; Assistant Librarian, College of Music
Cohen-Vogel, Lorah, Ph.D., Vanderbilt; Assistant Professor of Educational Leadership and Policy Studies
Coldiron, Anne, Ph.D., University of Virginia; Associate Professor of English
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Tatum, William Jeffrey, Ph.D., Texas at Austin; Professor of Classics, Olivia Nelson Dorman Professor of Classics 2000-2001.

Tawfig, Kamal, Ph.D., Maryland; Professor and Chair of Civil and Environmental Engineering, University of California, Los Angeles.

Taylor, Charles, J.D., Florida State; Assistant in Law, University of California, Los Angeles.

Taylor, Dianne W., M.S.; Associate in Research, University of California, Los Angeles.

Taylor, Jamie, Ph.D., Florida; Assistant in Research, University of California, Los Angeles.

Taylor, Rachel, Ph.D., Cleveland; Professor of English, University of California, Los Angeles.

Taylor, Jeanette E., Ph.D., Minnesota; Assistant Professor of Psychology, University of California, Los Angeles.

Taylor, Jill B., B.A.; Flagler College; Assistant in Research, University of California, Los Angeles.

Taylor, John, Ph.D., Miami; Assistant Professor of Sociology, Florida State University.

Taylor, John R., Ph.D., Miami; Assistant Director University Computer Systems Office of Technology, University of Florida.

Teaf, Christopher, Ph.D., Arkansas for Medical Science; Research Associate Center for Biomedical and Toxicological Research and Research Associate Program in Medical Science.

Teague, Deborah Coxwell, Ph.D., Florida State; Associate in Research, Florida State University School of Business Administration.

Teal, Robert, Ph.D., California; Assistant Professor of Political Science, University of California, Los Angeles.

Telesman, Laura A., B.S.; University School Instructor, Florida State University School of Business Administration.

Telesman, Laura A., B.S.; University School Instructor, Florida State University School of Business Administration.

Tesh, Robert, Ph.D., Oregon; Assistant Professor of Political Science, University of Oregon.

Thagard, James R., Ph.D., Florida State; Visiting Assistant Professor of Industrial and Manufacturing Engineering, University of California, Los Angeles.

Tabak-Sznajder, Joel, Ph.D., Université de Rennes; Assistant Scholar/Scientist/Engineer, Biological Sciences.

Tabor, Michele A., Ph.D., Florida State; Visiting Assistant Professor of Music, University of Florida.

Tabor, Samuel L., Ph.D., Stanford; Norman P. Heydenburg Professor of Physics and Distinguished Research Professor 2001-2002.

Tagliareni, Nicholas B.S.; Visiting Assistant in Research Institute for Science and Public Affairs, Florida State University.

Talke, Shella, M.P., Florida State; Assistant in Research, University of California, Los Angeles.
Distinguished Research Professors

Harper, William C., M.S., Distinguished Research Professor, 1990–1991, Professor of Studio Art (Retired)

O’Brien, James J., Ph.D., Texas A&M; Distinguished Research Professor, 1990–1991, Professor of Meteorology and Oceanography, and Russian Academy of Natural Sciences (Retired)

Tam, Christopher K. W., Ph.D., California Institute of Technology; Distinguished Research Professor, 1990–1991, Professor of Environmental Science and Public Policy

Loper, David E., Ph.D., Case Western Reserve University; Distinguished Research Professor, 1991–1992, Professor of Geophysical Fluid Dynamics

Parker, Glenn R., Ph.D., California; Distinguished Research Professor, 1991–1992, Professor of Political Science

Benson, Bruce L., Ph.D., Texas A&M; Distinguished Research Professor, 1992–1993, Professor of Economics

Grazzioli, Pasquale P., M.D., Pavia, Italy; Distinguished Research Professor, 1992–1993, Professor of Biological Sciences

Summers, Dewitt L., Ph.D., Cambridge; Distinguished Research Professor, 1992–1993, Professor of Chemistry

Kemper, Kirby W., Ph.D., Indiana; Distinguished Research Professor, 1993–1994, Professor of Mathematics

Nam, Charles B., Ph.D., North Carolina; Distinguished Research Professor, 1993–1994, Professor of Mechanical Engineering

Turner, Ralph V., Ph.D., Johns Hopkins; Distinguished Research Professor, 1993–1994, Professor of History
THE ROBERT O. LAWTON DISTINGUISHED PROFESSORS

Kenshalo, Daniel Ralph, Ph.D., Washington; Distinguished Professor 1974–1975, Professor of Psychology (Retired)
Fallon, Richard Gordon, M.A., Distinguished Professor 1975–1976, Professor and Dean, School of Theatre (Retired)
Nikolaïd, Elena, Distinguished Professor 1976–1977, Professor of Music (Decesed 11/14/02)
Rubenstein, Richard Lowell, Ph.D., Harvard; Distinguished Professor 1977–1978, Professor of Religion (Retired)
Hess, Seymour L., Ph.D., Chicago; Distinguished Professor 1978–1979, Professor of Meteorology (Decesed 1/15/82)
Harper, George W., Ph.D., North Carolina; Distinguished Professor 1979–1980, Professor of English (Retired)
Walborsky, Harry M., Ph.D., Ohio State; Distinguished Professor 1980–1981, Professor of Chemistry (Decesed 10/15/02)
Glimer, Robert, Ph.D., Louisiana State; Distinguished Professor 1981–1982, Professor of Mathematics
Gagne, Robert M., Ph.D., Brown; Distinguished Professor 1982–1983, Professor of Research, Development, and Foundations (Retired)
Taylor, J. Herbert, Ph.D., Virginia; Distinguished Professor 1984–1985, Professor of Biological Sciences, and Program Director, Institute of Molecular Biology (Decesed 12/29/98)
Mandelkern, Leo, Ph.D., Cornell; Distinguished Professor 1985–1986, Professor of Chemistry (Retired)
Proschan, Frank, Ph.D., Stanford; Distinguished Professor 1984–1985, Professor of Statistics (Retired)
Kristnamurthi, Tirupathi, Ph.D., Ph.D. Chicago; Distinguished Professor 1985–1986, Professor of Meteorology
Simberloff, Daniel, Ph.D., Harvard; Distinguished Professor 1986–1987, Professor of Biological Science (Resigned)
Haw, Wern, Ph.D., Colorado; Distinguished Professor 1987–1988, Robert O. Lawton Professor of Chemistry (Retired)
Madsen, Clifford K., Ph.D., Florida State; Distinguished Professor 1988–1989, Alumni Professor 1985–1988, Distinguished Teaching Professor 1989–1990, Professor of Music
Greaves, Richard L., Ph.D., London; Distinguished Professor 1989–1990, Professor of History
Robson, Don, Ph.D., Melbourne, Australia; Distinguished Professor 1990–1991, Professor of Physics, and Scientist/Scholar, School of Computational Science and Information Technology
Fichter, Nancy, Ph.D., Texas Woman’s University; Distinguished Professor 1991–1992, Chair and Professor of Dance (Retired)
Friedman, 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 1989–1990, Professor of Biological Science
Burroway, Janet G., M.A., Distinguished Professor 1995–1996, McKenzie Professor, Service Professor of English
Travis, Joseph, Ph.D., Duke; Distinguished Professor 1996–1997, Professor of Biological Science
O'Brien, James J., Ph.D., Texas A&M; Distinguished Professor 1999–2000, Distinguished Research Professor 1990–1991, Professor of Meteorology and Oceanography, and Russian Academy of Natural Science
Tam, Christopher K. W., Ph.D., California Institute of Technology; Distinguished Professor, 2000–2001, Professor of Mathematics and Mechanical Engineering, and Research Associate, Geophysical Fluid Dynamics Institute, Distinguished Research Professor 1990–1991
Marcus, Nancy H., Ph.D., Yale; Distinguished Professor, 2001–2002, Mary Sears Professor of Oceanography, 2000, and Director, Program for Women in Math, Science, and Engineering
Kemper, Kirby W., Ph.D., Indiana; Distinguished Professor, 2002–2003, Chair and Professor of Physics, and John David Fox Professor of Physics, Distinguished Research Professor, 1993–1994
Kirby, David K., Ph.D., Johns Hopkins; Distinguished Professor, 2003–2004, Professor of English, McKenzie Professor, 1989
Standley, Jayne M., Ph.D., Florida State; Distinguished Professor, 2005–2006, Distinguished Research Professor, 2003–2004, and Ella Scoble Opperman Professor of Music
Marshall, Alan George, Ph.D., Stanford; Distinguished Research Professor, 1998–1999, Kafka Professor of Chemistry 2000
Thomke, Werner, Ph.D., California at Berkeley; Distinguished Research Professor 2002–2003 and Margaret Y. Menzel Professor of Biological Science 1999

NATIONAL ACADEMY OF SCIENCES FLORIDA STATE UNIVERSITY MEMBERS

Beidler, Lloyd, Ph.D., Johns Hopkins; Distinguished Professor 1971–1972, Professor of Biological Science (Retired)
Caspar, Donald L., Ph.D., Yale; Professor of Biological Science
Fisk, Zachary, Ph.D., California at San Diego, Paul A.M. Dirac Professor of Physics, 1999
Gor’Kov, Lev P., Dr.Sc., Ioffe Physical Technical Institute; Leningrad, Professor of Physics, and Program Director, National High Magnetic Field Laboratory
Howard, Louis, Ph.D., Princeton; McKenzie Professor 1986, Professor of Mathematics (Retired)
Kasha, Michael, Ph.D., California at Berkeley; Distinguished Professor 1962–1963, Professor of Chemistry/Institute of Molecular Biophysics (Retired)
Schrieffler, John R., Ph.D., Illinois; Nobel Laureate in Physics, 1972, Professor of Physics, National High Magnetic Field Laboratory
Stern, Melvin E., Ph.D., Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, V.W. Ekan Professor of Oceanography, 1999
Taylor, J. Herbert, Ph.D., Robert O. Lawton Distinguished Professor 1983–1984, Service Professor of Biological Science (Decesed 12/29/98)

FOREIGN ACADEMIES FLORIDA STATE UNIVERSITY MEMBERS

Boyd, Monica, Ph.D., Duke; Mildred and Claude Pepper Distinguished Professor of Sociology, and Royal Society of Canada
Shelise, Raymond K., Ph.D., California at Berkeley; Service Professor of Chemistry and Physics, Robert O. Lawton Distinguished Professor 1966–1967, and Royal Danish Academy of Science and Letters (Retired)

NOBEL LAUREATES

Schrieffler, John R., Ph.D., Illinois; Professor of Physics, Nobel Laureate in Physics, 1972
Krotos, Harold W., Ph.D., University of Sheffield; Francis Eppes Professor of Chemistry, Nobel Laureate in Chemistry, 1996.
PROFESSIONAL AND ADMINISTRATIVE PERSONNEL

Educational degrees are categorized using the following abbreviations:
D = Doctoral degree
M = Master’s degree
B = Bachelor’s degree
A = Associate’s degree

Instructor — Other educational background

Abubuh, Douglas R., O, Academic Program Specialist, Seminole Golf Course & Club
Abell, Terry D., M, Health & Human Services Spec, Soc Work Multidisciplinary Aux
Acosta, Alan Alfred, M, Student Program Specialist, University Housing
Adamick, Steven H., M, Program Coordinator, Facilities Management
Adams, Bernardette G., O, Administrative Specialist, International Programs
Adams, Erica Suzanne, M, HR Specialist, Human Resources
Adams, Wayne B., M, Director Alumni Affairs, VP for University Relations
Adkins, Todd Walter, B, Research Engineer, Natl High Magnetic Field Lab
Aggelis, Kitty J., M, Audit Administrator, Ofc of Audit Services
Agner, William S., Jr., B, ERP Analyst II, Enterprise Resource Planning
Agwuobui, Jennifer B., M, Coord Univ Rel/Pub Aff, VP for University Relations
Ahearn, Martha G., A, B, Health & Human Services Spec, Ctr for Prev & Early Intervention
Aidman, Elynn L., O, Academic Advisor, Advising First Year
Ajab, Mina G., B, Application Developer/Designer, Computing Services
Akkaraparampu, Roche A., B, Technology Specialist, Budget & Analysis
Aldridge, James G., O, Facilities/ Grounds Specialist, Working Capital
Alexander, Karen E., M, Scientific Research Specialist, Medicine Instructional Lab
Alexander, Alexander, M, Student Financial Aid
Alford, Andrea J., M, Coord Career Dev Svcs, Career Center
Alford, Marvin H., Jr., B, Application Developer/Designer, Information Services
Allen, Daniel L., O, IT Support Specialist, University Computing Services
Allen, James W., Jr., A, Construction Specialist, Environmental Health & Safety
Allen, David B., M, Academic Program Specialist, Community College Relations
Allen, Jimmie D., Jr., O, Athletic Coach II, Athletics Administration
Allen, Margaret R., M, Academic Program Specialist, Honors Program
Allen, Walter F., O, Media Specialist, Industrial & Manufacturing Department
Alonsoz, Benjamin T., B, Assistant Director, FSU Research Foundation
Altun, Julie E., B, Coord Acad Sup Svcs, Advising First Year
Alvarado Coley, M, Program Coordinator, Multicultural Student Affairs
Alvarez, Rafael G., M, Associate Vice President, VP Finance & Administration
Anato, Kylee D., O, Academic Program Specialist, Athletics Administration
Ams-Tata, Kimberly Leigh, M, Academic Program Specialist, Nursing Department
Anderson, Dan M., M, Program Coordinator, Ctr Edu Rsch & Policy Studies
Anderson, Karen L., D, Coord Human Svcs, Insr for Rsrch Infrastructure

Anderson, Kennetha W., A, Network Administrator, University Computing Services
Anderson, Paula J., B, Coord Info/Pub Svcs, Insr for Rsrch Infrastructure
Andres, Sue E., O, HR Specialist, Human Resources
Andrews, Dorothy Jean, B, Associate Director, Ringling Center for the Arts
Andrews, Michael D., M, Athletic Coach III, Athletics Administration
Andrones, Stormie J., B, Training Specialist, Medicine Instructional Services
Androne, Raymond V., B, UBA III, Ringling Center for the Arts
Aneckstein, David J., B, Coord Info/Pub Svcs, Insr for Rsrch Infrastructure
Archdeacon, Heather A., B, Coord Acad Sup Svcs, School of Theatre
Archer, Nathaniel T., O, Asst Dir Multippavs Fac, Oglesby Union Guest Services
Ardo, Mary J., O, Student Program Specialist, Oglesby Union Guest Services
Arendes, Richard J., O, Network Administrator, Office of Multidisciplinary Aux
Armstrong, Danica, B, Student Program Specialist, Oglesby Union Guest Services
Armstrong, Gordon M., B, Scientific Research Specialist, Natl High Magnetic Field Lab
Armstrong, Patricia M., B, Health & Human Services Spec, Ctr for Prev & Early Intervention
Armstrong,粉尘, B, Coord Museum Ops, Ringling Center for the Arts
Arnold, Donna S., B, Coord Human Res/Pers Rel, Human Resources
Arnold, Donna S., B, HR Specialist, Human Resources
Aron, Anthony F., O, Physician, Thagard Student Health Center
Arosenena, Brenda L., B, Academic Program Specialist, Ringling Center for the Arts
Arsenault, Brian A., M, Computer Research Specialist, Ctr for Info Train & Eval Svcs
Ash, Barbara G., B, Media Specialist, College of Law
Ashmore, Michelle L., M, Media Specialist, Thagard Student Health Center
Ashton, Melissa Joy, O, Student Program Specialist, Dean of Students
Asisatou, Angela D., B, Enrollment Management Spec, Admissions
Atkinson, Beverly M., B, Program Director, Soc Work Multidisciplinary Aux
Atkins, Gregory D., B, Assistant Director, Controller
Atkinson, Deborah S., M, Application Developer/Designer, Information Services
Atwell, Scott F., B, Dir Info/Pub Svcs, Public Affairs
Austin, Caroline D., B, Program Director, WFSU FM
Austin, Dana A., M, HR Specialist, Human Resources
Austin, Oliver L., III, B, Technology Specialist, Information Services
Ayllon, Shanna L., M, Academic Advisor, Advising First Year
Avery, Robert E., O, Research Engineer, Mechanical Engineering
Avery, Lynn M., B, HR Specialist, Human Resources
Aviram, Amy Sweeney, M, Spec Stdt Counseling, University Counseling Center
Awoloyi, Beatrice Ojoulop, M, Assistant Director, Dean of Students
Aycock, Jason A., B, HR Specialist, Human Resources
Aycock, Mary E., B, ERP Analyst III, Enterprise Resource Planning
Bacon, Cindy Kimmell, B, Health & Human Services Spec, Communication Disorders
Baez Jost, Marianna L., B, Academic Program Specialist, International Programs
Bagante, Paul G., O, Technology Specialist, Northwest Regional Data Center
Bailey, Dennis A., M, Associate Vice President, Facilities Administration
Bailey, Marie A., M, Coord Stat Rsrch, Insr for Rsrch Infrastructure
Bailey, Marilyn B., B, Academic Advisor, Advising First Year
Bailey-Brown, Priscilla L., B, Coord Accounting, Human Resources
Baker, Charles E., B, Athletic Coordinator, Athletics Administration
Baker, Charles F., D, Coord Comp Applicatns, Information Services
Baker, Hartley, B, Program Director, Ofc of Technology Integration

Baker, Patrick D., B, Head Athl Coach, Athletics Administration
Baker, Suzanne P., M, Coord Rsrch Pgm/Svcs, Medicine Instructional
Bakker, Cheryl A., O, Administrative Specialist, President’s Office
Baldy, Linda M., B, Coord Rsrch Pgm/Svcs, Insr for Rsrch Infrastructure
Ball, Kimberly S., O, Construction Specialist, Facilities Planning
Ballew, Michael R., B, Business Analyst, Controller
Balthrop, Mary A., M, Program Coordinator, International Programs
Bandockar, Nikhil R., M, Application Developer/Designer, Information Technology
Banner, Shawn W., B, Coord Rsrch Pgm/Svcs, Ctr Edu Rsch & Policy Studies
Barber, James W., M, Athletic Coach I, Athletics Administration
Barber, Jarrett B., B, Coord Acad Sup Svcs, Dean Undergraduate Studies
Barber, Kathleen S., B, Event Coordinator, Schl of Motion Pic TV Rec Arts
Barber, Kimberly A., M, Associate Director, Admissions
Barber, Martha R., B, Grants Compliance Analyst, Sponsored Research Accounting
Barbour, Michael Scott, M, Computer Research Specialist, FL Natural Areas Inventory
Bardin, Rebecca L., M, Coord Accounting, Enterprise Resource Planning
Barker, James M., M, Director, University Computing Services
Barnes, Carley R., B, UBA II, Univ Business Administration
Barnes, Steven B., B, Media Specialist, Communication Disorders
Barrows, John C., Jr., M, Assistant Vice President, Office of Technology Integration
Barr, Victoria C., B, Technology Specialist, Medicine Education
Barrag, Janine M., M, Coord Comp Applicatns, ODVL
Barrett, Michael G., M, Administrator, Ofc of Technology Integration
Bennett, Michael M., M, Assoc Dir Univ Comp Sys, Enterprise Resource Planning
Barricelli, James R., M, Coord Career Dev Svcs, Career Center
Barrow, Lanel J., O, Administrative Specialist, Ctr for Advanced Power Systems
Barry, Courtney Lynne, M, Director, Dean of Students
Barton, Brian M., B, Director, Sponsored Research Services
Batie, Melissa Marie, B, Athletic Coach I, Athletics Administration
Battie, Arrie M., C, Coord Human Svcs, Ctr for Health Equity
Battie, Brian J., M, Assistant Director, Athletics Administration
Bauer, Charles M., M, IT Support Specialist, User Services
Bauer, Jeffrey T., M, Assistant Vice President, Ofc of Technology Integration
Baxley, Debra R., B, UBA II, Univ Business Administrators
Baxley, Melissa B., B, Coord Hum Res/Pers Rel, Human Resources Administration
Baxter, Dan F., B, Research Engineer, Physics
Beale, Angela K., O, Coord Acad Sup Svcs, Advising First Year
Beals, Lillie W., B, Technology Specialist, Information Services
Beam, Christopher E., B, Technology Specialist, Information Services
Beane, Janice B., M, Assistant Director, Medicine Instructional
Beard, Sandra L., O, UBA II, Univ Business Administration
Beard, Walter M., O, Construction Specialist, Facilities Planning
Beasley, Sherry C., B, Grants Compliance Analyst, Medicine Instructional Rsch
Graham, Kiah LaShawn, B, Coord Stdt Aff, International Center
Granger, Elizabeth S., O, Academic Program Specialist, Undergraduate Affairs
Grant, Cecilia Knoel, M, Academic Program Specialist, Geriatric Medicine
Grant, Jennifer M., B, Coord Comp Applicats, Inst for Resrch Infrastructure
Grant, Jennifer M., M, Systems Administrator, Human Resources
Grant, Kimberly D., B, ERP Analyst II, Enterprise Resource Planning
Grasso, Filippinas S., B, Assistant Director, Campus Rec Fitness Center
Groau, Jonathan A., O, Application Developer/Designer, Information Services
Graves, Beth, B, Media Specialist, Ringling Center for the Arts
Graves, Robert M., B, Assistant Director, University Computing Services
Gray, Andrew, B, Radio/TV Production Specialist, WFSU TV
Green, Carl D., A, Coord Env Hlth & Saf, Natl High Magnetic Field Lab
Green, Carl D., A, Industrial Safety & Health Engr, Natl High Magnetic Field Lab
Green, Cynthia A., M, Director, International Center
Green, Kristen A., B, Coord Comp Applicats, Inst for Resrch Infrastructure
Green, Lara R., M, Associate Director, PCC Admissions & Records
Green, Sherry Lucky, M, Physician’s Assistant, Thagard Student Health Center
Green, Thomas W., M, Systems Administrator, Computational Sci & Info Tech
Greene, Gerald D., M, Technical Writer, College of Education
Greene, Kevin J., O, Facilities Superintendent, Ringling Center for the Arts
Greer, Diane D., B, Event Coordinator, VP for University Relations
Griffin, Mark, M, Application Developer/Designer, FL Civ Ed & Service
Gross, Sherry A., B, Business Manager, Facilities Administration
Grossman, Sheryl A., M, Administrative Specialist, Dean Coll of Arts & Sciences
Groves, Barbara E., B, Administrative Specialist, Coll of Criminology & Crim Jst
Guardia, Juan Ricardo, M, Program Director, Multicultural Affairs Programs
Guertin, Suzanne E., M, Training Specialist, Ctr for Civic Ed & Service
Guest, Alisa M., B, Coord Stdt Aff, Dean of Students
Gullage, Kimberly J., M, Research Scientist, FL Natural Areas Inventory
Gundimeda, Sashidhar, M, ERP Analyst IV, Enterprise Resource Planning
Gundlach, Scott R., A, Research Engineer, Natl High Magnetic Field Lab
Habib, Ellen M., M, UBIII, Univ Business Administrators
Hack, Francine M., O, Museum Specialist, Ringling Center for the Arts
Hagan, Richard A., O, Coord Acad Sup Svcs, School of Theatre
Hagen, Kristen K., M, Academic Advisor, International Center
Haggin, Odell, Jr., B, Athletic Coach II, Athletics Administration
Hager, Elizabeth Z., O, Coord Bus & Fin/Aux Sv, Univ Business Administrators
Hales, Lori A., B, Program Coordinator, Environmental Health & Safety
Hall, Mason Raymond, B, IT Support Specialist, Storzer Library
Hall, Robert B., B, Radio/TV Production Specialist, WFSU TV
Halstead, John Philip, D, Director, Office of Technology Integration
Hallwanger, Julie T., B, Computer Research Specialist, Risch Legal Counsel
Harbell, John D., B, Director, University Relations
Harrell, Erin Diane, D, Director, Ofc of Technology
Harrell, Sherron A., B, Assistant Director, Building Services
Hart, Alyssa A., B, UBA III, Proj Mgmt, University Contractors
Hart, Bryce C., B, Radio/TV Producer, WFSU TV
Hart, Christopher T., M, Academic Advisor, Advising First Year
Hartsell, Amanda, B, Media Specialist, SGA Salaries
Hart, David R., B, Head Coach, Athletics Administration
Hart, Kristin E., B, Academic Advisor, Advising First Year
Hart, Scotty C., B, IT Support Specialist, User Services
Hartley, Sarah, B, Director, Human Resources
Phillips, Robin G., B, Assistant Director, Seminole Golf Course & Club
Payne, Jimmy F., O, Scientific Research Specialist, Natl High Magnetic Field Lab
Payne, Mary E., M, Coord InfoPub Svcs, Inst for Rsrch Infrastructure
Peace, Victoria N., B, Health & Human Services Spec, Communication Disorders
Peacock, Lynn S., B, Academic Program Specialist, Coll of Social Sciences
Peacock, Robert T., O, Athletic Trainer, Athletics
Peck, Alan R., M, Director, Facilities Admin Services
Peck, Robert D., B, Coord Human Svcs, Inst for Rsrch Infrastructure
Pedersen, Kristen L., B, Program Coordinator, FI Conflict Resolution Consort
Peeples, Yanbrah Tamia, M, Academic Program Specialist, Ctr for Acad Retention & Enhnc
Perce, Edward S., A, Database Administrator, Strozier Library
Pelt, Eva G., M, Asst Dir Stdt Aff, Multicultural Affairs Programs
Pennington, Kathryn M., B, Computer Research Specialist, Ctr for Info Train & Eval Svcs
Pensy, Ryan L., B, IT Support Specialist, Athletics Administration
Peiquignot, Jacquelyn J., M, Assistant Director,Dean of Students
Pereschich, Joseph G., M, Technology Specialist,Northwest Regional Data Center
Perez, Hayden F., B, Asst Athl Coach, Athletics Administration
Perkins, Amanda Rose, M, Coord Acad Sup Svcs, Rec Intramurals
Perry, Christon Halk, M, Coord Acad Sup Svcs, Dean Undergraduate Studies
Perry, Christon Hollk, M, Career Development Specialist, Career Center
Perry, David L., M, Director, Public Safety
Perry, Deborah L., B, Academic Program Specialist, History
Perry, Linda Faye, B, Coord Human Svcs, Ctr for Health Equity
Perry, Linda Faye, B, Coord Human Svcs, Inst for Rsrch Infrastructure
Pete, Kellita A., M, Coord Env Hlth & Sfty, Environmental Health & Safety
Peters, David D., M, Student Program Specialist, Camp Rec Intramurals
Peters, Margaret F., B, Coord Stdt Aff, Oglesby Union Guest Services
Peterson, Barbara K., B, Assistant Director, Building and Grounds Services
Peterson, James F., O, ERP Analyst IV, Enterprise Resource Planning
Peterson, Michael A., B, Assistant Director, Thurgood Marshall Student Health Center
Petrisor, Adrian, B, Coord Research Info, Geological Sciences
Pfeil, Cheryl T., M, Athletic Trainer, Athletics Administration
Pfeil, William J., M, Athletic Trainer, Athletics Administration
Phillips, Gregory J., M, Asst Dir IntercolI Ath, Athletics Administration
Phillips, Robin G., B, Coord Stat Rsrch, Ctr for Acad Retention & Enhnc
Phillips, Sherrlyn H., O, Administrative Specialist, Coll of Social Sciences
Pickard, Kenneth W., O, Research Engineer, Natl High Magnetic Field Lab
Picou, Dan A., D, Psychiatrist, Thagard Student Health Center
Pierre Louis, Claudin, M, IT Support Specialist, Medicine Orlando
Pigott, Wendy E., B, Academic Program Specialist, Magnet Training Lab
Pillifant, Russell L., B, Associate Director, Ringling Center for the Arts
Pinkerton, Cordyline E., B, Associate Director, Facilities Planning
 Pipkin, Carrie E., B, Coord Comp Applicats, User Services
Pittman, David L., M, Program Coordinator, Oglesby Union Guest Services
Pittman, Mary J., B, Accounting Specialist, Controller
Pitts, Christopher L., O, HR Specialist, Human Resources
Pitts, James E., D, Director, International Programs
Plurek, David B., B, Museum Specialist, Ringling Center for the Arts
Black, Davide, M, Academic Program Specialist, Dean; College of Music
Platt, Mary G., M, Technology Specialist, Controller
Pleasenger, B., Asst Dir Radio TV, WFSU FM Center for the Arts
Pletch, Michelle T., B, Coord Admin/Regis, Administration
Plett, David R., B, Athletic Trainer, Athletics Administration
Plichta, David O., O, Systems Administrator, Environmental Health & Safety
Polk, James S., B, Coord Accounting, Sponsored Research Accounting
Pollock, Leon L., B, Technology Specialist, Northwest Regional Data Center
Pollock, Phillip M., M, Coord InfoPub Svcs, College of Law
Pond, Laura R., M, Coord Admin/Regis, Admissions
Poole, Brenda H., B, Accounting Specialist, Controller
Pope, Vivian T., M, Coord Ed/Train Pgmns, Enterprise Resource Planning
Porreca, Melissa A., B, Museum Registrar, Ringling Center for the Arts
Powell, Barbara A., O, Accounting Specialist, Business Administration
Powell, James A., B, Research Engineer, Natl High Magnetic Field Lab
Powell, Steven N., M, Student Program Specialist, Campus Rec Center
Powers, Britton C., B, Technology Specialist, Career Center
Prato, Jennifer Sweetmann, M, Grants Compliance Analyst, Sponsored Research Accounting
Prevat, Bruce C., D, Director, VP Finance & Administration
Price, Lynn M., B, Coord Mgmt Analys, Inst for Rsrch Infrastructure
Price, Theresa A., B, Associate Director, Natl High Magnetic Field Lab
Fritchett, Nikki J., D, Psychologist, University Counseling Center
Proctor, Betty J., M, Coord Human Svcs, Ctr for Prev & Early Intervention
Prophet, Peggy J., B, Coord Human Svcs, Inst for Rsrch Infrastructure
Puccci, John A., O, Scientific Research Specialist, Natl High Magnetic Field Lab
Pugh, Linda M., M, Career Development Specialist, Career Center
Pullen, Robert E., B, Coord Hum Res/Pers Rel, Human Resources
Purcell, Jamonara A., M, Academic Program Specialist, Dean Undergraduate Studies
Purinton, Jeffrey L., B, News & Public Affairs Spec, Athletics Administration
Purinton, Kelly A., B, UBA II, Univ Business Administrators
Putnam Hancock, Jean C., B, Academic Program Specialist, Biological Science
Quero Munoz, Jose H., B, Accounting Specialist, Controller
Quimby, Joseph S., III, M, HR Specialist, Human Resources
Quinn, John P., B, Research Engineer, Natl High Magnetic Field Lab
Quinn, Timothy W., D, Assoc VP Student Aff (Exec Svcs), Student Affairs
Radigan, Edward C., M, Program Coordinator, Ctr Edu Rsch & Policy Studies
Raimondi, Nicole M., D, Program Coordinator, Advising
Raines, Galen B., M, ERP Analyst I, Human Resources
Raines, Galen B., M, ERP Analyst I, Human Resources
Ramirez, Laura G., O, Student Program Specialist, International Center
Ramos, Leandra Medina, B, Student Program Specialist, Ctr for Civc Ed & Service
Rancourt, Charles A., B, Coord Admin Svcs, Athletics Administration
Randall, Dawn C., B, Associate Director, VP for University Relations
Randt, Victor Andres, D, Assistant Director, Dean of College
Rappa, Lawrence J., M, ERP Analyst II, Enterprise Resource Planning
Rau, Kimberly D., M, Administration, Career Center
Rau, Kelly E., B, UBA II, Learning Systems Institute
Raveling, Stephanie B., B, Event Coordinator, Ringling Center for the Arts
Ray, Barry, O, News & Public Affairs Spec, University Communications
Ray, Susan J., B, Associate Director, Natl High Magnetic Field Lab
Rea, Clyde G., M, UBA III, Univ Business Administrators
Reaves, Robert E., B, ERP Analyst III, Enterprise Resource Planning
Reazin, Ronald D., M, ERP Analyst III, Enterprise Resource Planning
Reed, Marcia T., O, Coord Admiss/Registr, Admissions
Reed, Marcia T., O, Coord Admin Svcs, Inst for Rsrch Infrastructure
Reffield, Steven P., B, Coord Comp Applicats, Inst for Rsrch Infrastructure
Reich, Andrew R., M, Coord Rsrch Pgmns/Svcs, Inst for Rsrch Infrastructure
Reilly, Sean, B, Enrollment Management Spec, Admissions
Reinke, Megan M., B, Enrollment Management Spec, Admissions
Reis, Barbara R., B, Coord Acad Sup Svcs, Humanities
Reid, Berwyn C., M, Technology Specialist, FL Res & Environ Analysis Ctr
Rendell, Dawn Lynne, B, Student Program Specialist, University Housing
Rennier, Tim , B, UBA II, Univ Business Administrators
Rettkowski, Christian J., O, Athletic Coordinator, Athletics Administration
Reynolds, Leela C., M, Coord Clinical Pgmns, PCC Dean’s Office
Reynolds, Rhonda C., O, Accounting Specialist, Controller
Rezabek, Jennifer Danielle, B, Coord Comp Applicats, Admissions
Rice, Susan B., B, Administrative Specialist, Facilities Admin Services
Richardson, Brandon W., O, Academic Advisor, Advising First
Richards, Brian L., M, Academic Program Specialist, Graduate Studies
Richards, Jacqueline S., B, Athletic Coach I, Athletics Administration
Richardson, Andrew T., A, Coord Comp Applicats, Inst for Rsrch Infrastructure
Richardson, Angela C., M, Program Director, Dean Undergraduate Studies
Richardson, Donald E., O, Research Engineer, Natl High Magnetic Field Lab
Richardson, Jo A., M, Coord Human Svcs, Inst for Rsrch Infrastructure
Riddle, Kimberly A., B, Scientific Research Specialist, Biological Science
Ridenhour, Jacob , B, Athletic Coordinator, Athletics Administration
Riggins, Dwan A., B, Athletic Trainer, Athletics Administration
<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Role</th>
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<tr>
<td>Smith, Rebecca L.</td>
<td>Academic Program Specialist, Medicine Education</td>
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<td>Shively, Kimkun, B.</td>
<td>Development Officer, Dean, College of Medicine</td>
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<td>Shouppe, James D.</td>
<td>Athletic Coach II, Athletics Administration</td>
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<td>Shrum, Angela C.B.</td>
<td>Coord Acad Sup Svs, Computer &amp; Information Science</td>
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<td>IT Support Specialist, Information Services</td>
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<td>Application Developer/Designer, Information Services</td>
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<td>Simplex, D. B.</td>
<td>Director, Facilities Admin Services</td>
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<td>Simpson, Deborah C.</td>
<td>Application Developer/Designer, CPD E&amp;G Administration</td>
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<td>Simpson, Mark H.</td>
<td>Assistant Director, WFSU FM</td>
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<td>Simpson, Melissa</td>
<td>Media Specialist, ODDL Distrib &amp; Dist Learning</td>
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<td>Sims, Linda D.</td>
<td>Grants Compliance Analyst, Biological Sciences</td>
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<td>Kelly, Erin Maureen, B.</td>
<td>Academic Advisor, International Center</td>
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<td>Enrollment Management Spec, Spec. Admissions</td>
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<td>Skogarlie, Heather L.</td>
<td>Student Program Specialist, Ctr for Civic Ed &amp; Service</td>
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<td>Skrobko, Andrew J.</td>
<td>Grants Compliance Analyst, Sponsored Research Accounting</td>
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<td>Slade, George K.</td>
<td>Academic Program Specialist, Schl of Molecular &amp; Materials Research</td>
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<td>Slater, Barbara G.</td>
<td>Program Coordinator, Ringling Center for the Arts</td>
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<td>Slaton, Michelle M.</td>
<td>UBA II, Univ Business Administration</td>
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<td>Sloan, Annie D.</td>
<td>Program Director, Student Affairs</td>
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<td>Sloan, Melvin, M.</td>
<td>Program Coordinator, Ctr for Civic Ed &amp; Service</td>
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<td>Sloan, Michael A.</td>
<td>Computer Research Specialist, Ctr for Advanced Power Systems</td>
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<td>Assistant Director, Student Financial Aid</td>
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<td>Smalkoski, Kari B.</td>
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<td>Smit, Marie C.</td>
<td>Program Coordinator, Chemistry &amp; Biochemistry</td>
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<td>Smith, Amanda J.</td>
<td>Training Specialist, CPD E&amp;G Administration</td>
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<td>Smith, Andrew David, B.</td>
<td>Specialist, PCC Campus Computing &amp; Networking</td>
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<td>Smith, Ashley M.</td>
<td>Academic Program Specialist, ODDL Distrib &amp; Dist Learning</td>
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<td>Smith, Donna C.</td>
<td>Data Analyst, Budget &amp; Analysis</td>
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<td>Smith, Geoffrey N.</td>
<td>Coord Human Svcs, Inst for Ranch Infrastructure</td>
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<td>Smith, Kathleen S.</td>
<td>Academic Advisor, Advising First</td>
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<td>Smith, Kimberly J.</td>
<td>Academic Advisor, Advising First</td>
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<td>Smith, Kimberly W.</td>
<td>Asst Dir Phys Plant, Building Services</td>
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<td>Smith, Linda Carswell</td>
<td>Coord Cont Educ, CPD E&amp;G Administration</td>
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<td>Smith, Marilyn B.</td>
<td>Asst Dir Sdtd Fin Aid, Student Financial Aid</td>
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<tr>
<td>Smith, Melissa M.</td>
<td>Mental Health Specialist, Psychology</td>
</tr>
<tr>
<td>Smith, Michael D.B.</td>
<td>Cultural Arts Specialist, School of Theatre</td>
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<tr>
<td>Smith, Michael P.</td>
<td>Program Director, FL Ctr for Prevention Ranch</td>
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<tr>
<td>Smith, Nancy H.</td>
<td>Accounting Specialist, International Programs</td>
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<td>Smith, Patricia Ann, A.</td>
<td>Media Specialist, Challenger Learning Center</td>
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<td>Smith, Rachel A.</td>
<td>Media Specialist, Oceanography</td>
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<td>Smith, Robert S.</td>
<td>Facilites/ Grounds Specialist, Athletics Administration</td>
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<td>Smith, Soraya, M.</td>
<td>Administrative Specialist, Medicine Pladelphia</td>
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<td>Accounting Specialist, Controller</td>
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<td>Smith, Steven R.</td>
<td>Network Administrator, CPD E&amp;G Administration</td>
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<td>Network Administrator, CPD E&amp;G Administration</td>
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<td>Smoove, Michael J.</td>
<td>News &amp; Public Affairs Spec, Athletics Administration</td>
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<td>Snuggs, Thomas A.</td>
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<td>Snyder, Bonnie A.</td>
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<tr>
<td>Soares, Alessandro D.</td>
<td>M, Cultural Arts Specialist, Schl of Motion Pict TV Rec Art</td>
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<td>Songrused, Sudarat, O.</td>
<td>Music Specialist, Dean, College of Music</td>
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<td>Soriano, Kirsten L.</td>
<td>Event Coordinator, VP for University Relations</td>
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<td>Soriano, Stacey P.B.</td>
<td>Assistant Director, Seminole Golf Course &amp; Club</td>
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<td>Sorrell, Larry Clifton</td>
<td>Systems Administrator, Ctr Edu &amp; Policy Studies</td>
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<td>Sorvella, Beverlee B.</td>
<td>Pharmacist, Thagard Student Health Center</td>
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<td>Souffront-Garcia, Marie</td>
<td>Event Coordinator, CPD E&amp;G Administration</td>
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<td>Southard, Joanna C.</td>
<td>Assistant Director, Dean College of Business</td>
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<td>Spaulding, Bryan P.A.</td>
<td>Coord Comp Applicatns, User Services</td>
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<td>Coord CompApplicatns, Enterprise Resource Planning</td>
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<td>Spears, Jeannine L.</td>
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<td>Stevens, Betty J.</td>
<td>D, General Counsel, General Counsel</td>
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<td>Assistant Director, University Computing Services</td>
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<td>Stewart, Hope L.</td>
<td>Application Developer/Designer, Thagard Student Health Center</td>
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<td>Stone, Anne B.</td>
<td>Grants Compliance Analyst, FSU Research Foundation</td>
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<td>Assistant Director, Seminole Golf Course &amp; Club</td>
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<td>Student Program Specialist, Campus Rec Fitness Center</td>
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<td>Stoutamire, Connie A.</td>
<td>Business Manager, Strozier Library</td>
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<td>Straub, Sara A.</td>
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<td>Computer Research Specialist, Statistics</td>
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<td>Associate Director, Oglesby Union Guest Services</td>
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<td>Application Developer/Designer, FL Res &amp; Environ Analysis Ctr</td>
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<td>Strong, Kawaunna R.</td>
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<td>Stroutis, Paul A.</td>
<td>Associate Vice President, VP Finance Administration</td>
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<td>Athletic Coordinator, Athletics Administration</td>
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<td>Scientific Research Specialist, Biological Science</td>
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<td>Purchasing Specialist, Purchasing &amp; Receiving</td>
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<td>Academic Program Specialist, Pepper Institute on Aging &amp; Pub Pol</td>
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<td>Coord Budgeting, Dean College of Engineering</td>
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<td>Application Developer/Designer, User Services</td>
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<td>Tata, Fabian T.</td>
<td>Academic Program Specialist, Multicultural Student Affairs</td>
</tr>
</tbody>
</table>
Retired Faculty

* Professor Emeritus
* Distinguished Professor Emeritus
* Aaron, Shirley, (1975-1994), Ph.D., Professor of Information Science
* Abcarian, Gilbert, (1967-1992), Ph.D., Professor of Political Science
* Adam, Eleanor, (1953-1979), M.A., Chair and Professor of Textiles and Consumer Sciences
* Adams, Jane L., (1946-1966), M.A., Assistant Professor and Night Director, University Union
* Adams, Rebecca (1975-2006) M.A. Associate University Librarian
* Albertson, Robert W., (1955-1998), University School Associate Professor, Developmental Research School
* Albrecht, Grace, (1965-1997), Ph.D., Professor of Human Development
* Albright, John R., (1963-1995) Ph.D., Professor of History
* Alderman, Nelda Cumming, (1952-1976), M.S., Assistant Professor, Developmental Research School
* Alderson, John J., (1968-1992) M.S.W., Professor of Social Work
* Alexander, Lucille C., (1981-1995), B.S., Assistant in Nursing, School of Nursing
* Alfond, Allie America, (1963-1975), M.A., Associate Professor of Social Work
* Anderson, Lorcan C., (1974-2003), Ph.D., Professor of Educational Leadership and Curator
* Anthony, William P., (1970-2005), Ph.D., Professor of Management
* Armbrister, Michael J., (1979-2008), Ph.D., Professor of Sociology
* Atkins, Burton (1971-2006), Ph.D., Assistant Professor of Political Science
* Auer, Emma, (1969-1976), Professor of Marketing
* Avery, Carol E., (1979-1995), Ph.D., Chair and Professor of Textiles and Consumer Science
* Baker, Howard D., (1950-1991), Ph.D., Professor of Psychology
* Baker, Mae-Louise, (1979-1996), M.A., M.S., Associate Professor of Theatre
* Baker, Richard M., Jr., (1950-1969), Ph.D., Professor of Marketing
* Ballas, Parascho P., (1978-1979) M.S., Lecturer/Field Representative, Hospitality Education Program, College of Business
* Banghart, Frank W., (1965-1991), Ed.D., Professor of Educational Leadership
* Barber, Donna M., (2001-2002), M.S., Associate in Research, Institute for Science and Public Affairs
* Barbour-Brennan, Paula L., (1975-2005), Ph.D., Assistant in English
* Barcion, Albert L., (1968-2004), Ph.D., Professor of Social Work
* Bardill, Donald R., (1978-2003), Ph.D., Professor of Social Work
* Barnes, Allene Barger Thompson (1954-1957), M.A., Associate Professor of English
* Barnes, Lehman W., (1970-1991), Ph.D., Associate Professor of Childhood Education
* Bartlett, Richard A., (1955-1989), Ph.D., Professor of History
* Bashinski, Marian C., (1966-1986), M.A., Associate Professor of English

Bass, Edwin J. (1969-2002), Ed.D., Associate Professor of Physical Education
Sasson, Alexander N., (1962-1965), Ph.D., Professor of Criminology and Criminal Justice
Beard, Jacob G., (1966-1997), Ph.D., Professor of Educational Research
Beard, Robert W., (1960-1998), Ph.D., Professor of Philosophy
Bedir, Hardip S., (1986-1998), Ph.D., Research Associate, Meteorology
Seeley, Daniel W., (2001-2006) Ph.D., Associate in Florida Institute of Government
Bell, Trevor, (1972-1996), National Diploma in Painting, Service Professor of Studio Art
Bender, Louis (1970-1991), Ed.D., Professor of Educational Leadership
Bergquist, Gilbert, (1993-2005), Ph.D., Assistant in Florida Center for Public Management
Betten, Neil B., (1970-2005), Ph.D., Professor of History
Bickley, R. Bruce. (1969-2004), Ph.D., Griffith F. Pugh Professor of English, College of Arts & Sciences
Bjerregaard, Carl E., (1976-1993), M.M., Professor of Music
Black, Homer A., (1958-1989), C.P.A., Ph.D., Professor of Accounting
Black, Sarah Anne, (1960-1985), M.Ed., University School Associate Professor, Developmental Research School
Blake, Garth K., (1957-1996), Ed.D., Service Professor of Educational Leadership
Blumack, Steven L., (1969-2005), Ph.D., Associate Professor of Mathematics
Buczak, Susan, (2002-2004), M.S.N., Assistant in Nursing, School of Nursing
Burke, Haman D., (1960-1997), Ph.D., Professor of Human Services and Studies
Burkman, Lois B., (1967-1999), M.L.S., Associate Director, University Libraries
Burnham, Ernest J., (1960-1990), Ed.D., Professor of Educational Research
Burton, Elise C., (1974-1992), Ph.D., Professor of Physical Education
Byun, George, (1969-2004), Ph.D., Associate Professor of Mechanical Engineering, College of Engineering
Cairns, Grace Edith, (1948-1970), Ph.D., Professor of Philosophy and Religion
Cancalon, Elaine D., (1972-2001), Ph.D., Professor of Modern Languages and Literatures
Cannon, Frances C., (1951-1990), E.D.D., Professor of Human Services and Studies
Carbony, E. Ray, (1969-2003), Ph.D., Washington at St. Louis, Professor of Economics
Cappelli, Charlene H., (1988-2003), M.A., Assistant in Distance Learning
Cappe, William M., (1971-2004), Ph.D., Professor of Music
Carey, John J., (1960-1986), Ph.D., Professor of Religion
Carleton, Frederica B., (1959-1970), Ed.D., Associate Professor of Home and Family Life
Carro, Patricia, (1995-2004), Visiting University School Instructor, Florida State University School
Carroll, Benjamin H., (1946-1974), Associate Professor of English
Carroll, Gary B., (1978-1997), B.A., Assistant in Research, Educational Services Program
Carroll, Myrtle B., (1958-1974), M.A., Instructor and Associate Librarian, Library
Carter, Odessa, (1955-1956, 1961-1977), Associate Professor, Developmental Research School
Carter, Robert C., (1978-1987), M.S., Associate Professor of Nursing
Cason, Ernest Wesley, (1939-1967), Ph.D., Professor of Education
Caspar, Donald L., (1994-2003), Ph.D., Professor of Biological Science, and National Academy of Sciences
Cassidy, Dennis S., (1963-1991), B.A., University Curator, Geological Sciences
Chackerman, Richard, (1969-2003), Ph.D., Professor of Public Administration
Chang, Peter W., (1977-2003), M.A., Visiting Assistant in Research, Statistics
Chapard, Louis, (1962-1970), M.A., Lecturer, Modern Languages and Literatures
Chapman, Kenneth R., (1966-1991), Ph.D., Staff Physicist and Professor of Physics
Chentnik, Chester G., (1968-1970), D.B.A., Associate Professor of Management
Chiu, Tao Y., (1982-2003), Ph.D., Director and Professor of Beaches and Shores Research Center, Institute for Science and Public Affairs
Choppin, Gregory R., (1956-2001), Ph.D., Professor of Chemistry, Robert O. Lawton Distinguished Professor, 1967-68
Ciannella, Yonne, (1969-2003), B.A., Professor of Music
Clamp, Robert George, (1947-1972), M.A., Professor of Information Studies
Clark, Lincoln F., (1983-1995), Professor of Music
Clark, Ronald J., (1962-2003), Ph.D., Professor of Chemistry, Distinguished Teaching Professor, 1989-1990
Clay, Louise S. (1969-1990), M.S., Librarian, University Libraries
Cobb, Martha A., (1949-1967), M.A., Assistant Professor and Head Counselor
Collier, Albert, (1962-1977), B.A., Professor of Biological Science
Collins, Wesley C., (1972-1986), M.Ed., Associate Professor of Music
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