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College of Arts and Sciences

College of Business

College of Communication and Information

College of Criminology and Criminal Justice

College of Education

FAMU–FSU College of Engineering

The Graduate School

College of Human Sciences

College of Law

College of Medicine

College of Motion Picture Arts

College of Music

College of Nursing

College of Social Sciences and Public Policy

College of Social Work

College of Visual Arts, Theatre and Dance

Accounting

Actuarial Science
PRESIDENT’S MESSAGE

One of the nation’s elite research universities, Florida State University—with the Carnegie Foundation’s highest designation, Doctoral/Research University-Extensive—offers a distinctive academic environment built on our cherished values and unique heritage, uniquely welcoming campus on the oldest continuous site of higher education in Florida, prime location in the heart of the state capital, and championship athletics.

Combining traditional strength in the arts and humanities with recognized leadership in the sciences, Florida State University provides unmatched opportunities for students and faculty through challenging academics, cultural discovery, and community interaction. Underlying and supporting the educational experience at Florida State University is the development of new generations of citizen leaders, based on the values inscribed in our seal: Vires, Artes, Mores—Strength, Skill, and Character.

Florida State’s more than 40,000 students are dedicated to academic excellence and providing leadership in our complex world. The University’s unique Garnet and Gold Scholar Society program awards undergraduates a credential affirming their leadership and professional, citizenship, and research skills, demonstrating their ability to build collaborative relationships in the academic, local, or global community.

Our dedication to excellence encompasses many realms. With many of our colleges ranked among the country’s finest, we stand firmly in the ranks of the nation’s top public universities. Led by a world-renowned faculty that has included six Nobel Laureates and numerous eminent scholars in many areas of the arts and sciences, our academic programs continue to receive major recognition for their quality and overall strength.

Florida State University’s 17 colleges offer more than 320 undergraduate, graduate, doctoral, professional, and specialist degree programs, including medicine and law, covering a broad array of disciplines critical to society today. Each year the University awards approximately 3,000 graduate and professional degrees.

With its impressive breadth of leading graduate, professional, and undergraduate programs, Florida State University is a demanding, intellectually stimulating, yet warm and caring environment for students and faculty. Recognized nationally for its commitment to diversity, Florida State University is a national leader in the number of doctorates awarded to African-American students and in the graduation rate of African-American undergraduates. Its College of Medicine and College of Law are ranked among the nation’s top schools for Hispanic students.

Florida State University’s arts programs — dance, film, music and theatre — rank among the finest in the world, offering an arts education comparable to leading conservatories. Our creative writing program is ranked among the nation’s best and is home to the most consistently honored and published student body in the United States. Florida State is responsible for governance of the John and Mable Ringling Museum of Art and associated arts programs, one of the largest museum/university complexes in the nation.

Other programs consistently included in the top public university list include physics, chemistry, political science, psychology, criminology, public administration, library science, information, human sciences, business and law.

At the PhD level, interdisciplinary programs draw on notable research faculty strengths that transcend the traditional disciplines, including neuroscience, molecular biophysics, computational science, materials science and research at the National High Magnetic Field Laboratory—home to the world’s most powerful magnets.

Our excellence also shines in realms beyond traditional academic settings. Located in countries throughout the world, our international programs are unparalleled. In the area of athletics, our scholar-athletes continue to perform at championship levels on and off the field, and their hard work and dedication add to this university’s great reputation. Our students supplement their academic pursuits with community-service time outside of the classroom, and each year they record hundreds of thousands of hours of service. In uncountable ways, this university reaches out to our community, region, state, and nation. This level of service has been recognized by the Carnegie Foundation, which has selected Florida State for inclusion in its prestigious Community Engagement classification.

With a dedicated faculty and staff, a commitment to strong graduate and undergraduate programs, and a research agenda that contributes to the nation’s economic well-being and quality of life, Florida State University is a leader in higher education. I hope that, as you become a part of our community, you will join us in our continuing pursuit of excellence.
# UNIVERSITY CALENDAR

## Opening and Closing Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td>August 27—December 14</td>
<td>January 7—May 3</td>
</tr>
<tr>
<td>Homecoming</td>
<td>October 27</td>
<td>March 11—March 15</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td>May 13—August 2</td>
<td>May 13—June 21</td>
</tr>
<tr>
<td>Spring Break</td>
<td>March 11—March 15</td>
<td>June 24—August 2</td>
</tr>
<tr>
<td><strong>Summer</strong></td>
<td>June 17—August 2</td>
<td>June 17—August 2</td>
</tr>
<tr>
<td>First 8 Week Session (F—Law)</td>
<td>May 13—July 3</td>
<td></td>
</tr>
</tbody>
</table>

For extended dates, see the Extended Calendar available online at [http://registrar.fsu.edu](http://registrar.fsu.edu).

## Legal Holidays (No Classes)

<table>
<thead>
<tr>
<th>Date</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor Day</td>
<td>Monday, September 3</td>
<td>Tuesday, January 1</td>
</tr>
<tr>
<td>Veteran’s Day</td>
<td>Monday, November 12 (observed)</td>
<td>Monday, January 21</td>
</tr>
<tr>
<td>Thanksgiving Day</td>
<td>Thursday, November 22</td>
<td>Memorial Day</td>
</tr>
<tr>
<td>Friday after Thanksgiving</td>
<td>Friday, November 23</td>
<td>Monday, May 27</td>
</tr>
<tr>
<td>Christmas Day</td>
<td>Tuesday, December 25</td>
<td>Independence Day</td>
</tr>
<tr>
<td>New Year’s Day</td>
<td>Tuesday, January 1</td>
<td>Thursday, July 4</td>
</tr>
</tbody>
</table>

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

## Admission/Readmission/Non-Degree Seeking/Transient Application Deadlines

<table>
<thead>
<tr>
<th></th>
<th>Fall 2012</th>
<th>Spring 2013</th>
<th>Summer 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Undergraduate</strong></td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
</tr>
<tr>
<td>Freshman</td>
<td>January 18</td>
<td>The University does not ordinarily accept freshman applications in the Spring.</td>
<td>January 16</td>
</tr>
<tr>
<td>Transfer</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>
<tr>
<td><strong>Readmission</strong></td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Non-Degree Seeking</strong></td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Transient Student</strong></td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
<td>[Please refer to text for details]</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>August 1</td>
<td>December 3</td>
<td>April 1</td>
</tr>
<tr>
<td>Graduate</td>
<td>August 1</td>
<td>December 3</td>
<td>April 1</td>
</tr>
</tbody>
</table>

1 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 financial-award consideration.

2 Includes the Tallahassee Community College/Florida State University Cooperative Program and the Florida Agricultural and Mechanical University/Florida State University Interinstitutional Registration Program.

All information used to make an admission decision must be received by the published deadline. Additionally, the University reserves the right to close earlier if warranted by enrollment limitations.
FALL 2012 ACADEMIC CALENDAR

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

Mar. 2, 2012  Open enrollment for Fall-only and Annual Health Insurance begins.

Mar. 12–Apr. 20, 2012  Registration for currently enrolled and readmitted degree-seeking students. See “Registration Windows” in the Registration Guide.

Aug. 1, 2012  Last day for community college, FSU, and FAMU students to submit Fall 2012 Cooperative Program applications.

Aug. 22, 2012  Residence Halls open at 9:00 a.m.

Aug. 24, 2012  Last day to file for change in residency status.

Aug. 25–30, 2012  Drop/Add, (includes College of Law) 8:00 a.m.–11:59 p.m.

Aug. 26, 2012  New Student Convocation, Civic Center, 1:30 p.m.


Aug. 27–30, 2012  Late Registration ($100.00 late registration fee.)

  Last day to Drop/Add and have fees adjusted.
  Last day to cancel enrollment and have fees removed.
  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.

  Registration for state employees (non-FSU employees) using State Employee Fee Waivers (see ‘State Employee Fee Registration’ in “Registration Information” in the Registration Guide for instructions).
  Last day to request VA deferment from VA representative in Registrar’s Office.
  Last day to submit waivers or billings.


  First day to apply for financial aid deferments and delayed delivery loans.
  All financial aid students must check their financial aid status at http://www.ais.fsu.edu/finaid.

Sept. 7, 2012  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.

Sept. 14, 2012  Last day to file for Fall 2012 Graduation. (Visit https://campus.fsu.edu and log on to Secure Apps.)

Sept. 15, 2012  Open enrollment for Fall-only and Annual Health Insurance ends.


Oct. 12, 2012  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 semester hours.
  Last day to drop a course without receiving a grade.
  Last day to withdraw without receiving a grade.
  Last day for doctoral students to take and pass their preliminary examination in order to add or convert dissertation hours for the current semester.
  Financial Aid Deferrals Expire.
  Fall tuition payment must be received to avoid a late payment fee.


Oct. 26, 2012  Homecoming: No classes after 1:30 p.m.


Nov. 6, 2012  Initial Format Submission and Defense Deadline

Nov. 12, 2012  Veterans’ Day Holiday. No Classes.

Nov. 13, 2012  Final Manuscript Submission Deadline.

Nov. 16, 2012  End of 12th week of semester.
  Deadline for late drop with Dean’s permission.

Nov. 21–23, 2012  Thanksgiving Day Holiday. No classes.

Nov. 23, 2012  Financial Aid Exit Interview for all students with federal loans graduating, transferring, or taking less than six semester hours. (Visit https://campus.fsu.edu and log on to Secure Apps.)

Dec. 3, 2012  Last day for community college, FSU, and FAMU students to submit Spring 2013 Cooperative Program applications.

  Last day to turn in ServScript verification forms.
  Last day to reduce course load, if permitted, by the Academic Dean.
  Last day to officially withdraw from the University.
  Last day to apply for AA Certificate at the Office of Undergraduate Studies, UCA 3400.
  Veterans’ Deferrals Expire. Fall tuition payment must be received to avoid a late payment fee.

Dec. 10–14, 2012  Final Exam Week.

  Last day to submit extensions for “incomplete” grades by 4:00 p.m.
  Commencement, Civic Center, 7:30 p.m.

Dec. 15, 2012  Residence Halls close at noon.
  Commencement, Civic Center, 9:00 a.m.
  Diplomas dated this date.

Dec. 18, 2012  Online Grades Due by 4:00 p.m.

Dec. 19, 2012  Grades available online.
UNIVERSITY NOTICES

President’s Statement on Equal Opportunity and Non-Discrimination

The Florida State University (University) is an equal opportunity employer and educational provider 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, veterans’ or marital status, sexual orientation, gender identity, gender expression, or any other protected group status. This policy applies to faculty, staff, students, visitors, applicants, and contractors in a manner consistent with applicable federal and state laws, regulations, ordinances, orders and rules, and University policies, procedures, and processes.

In pursuing its mission of excellence as a comprehensive, graduate-research university with a liberal arts base, the University strives to create and maintain a harmonious, high performance work and educational environment.

It is my expectation that all members of our community are provided equitable opportunities to succeed and enrich the strength, skill, and character of the University. It is also expected that all members of our community will help create a work and educational environment that promotes fairness, respect, and trust, free from discrimination or harassment. Behavior that may be considered offensive, demeaning, or degrading to persons or groups will not be tolerated.

The University will continue to reinforce its commitment of non-discrimination to all groups protected by state and federal law. We will continue to monitor our methods of recruitment, retention, and advancement of qualified faculty, staff, and students and annually examine our affirmative action plan, as prescribed by federal guidelines, to measure how our campus is reflective of the community we serve.

The University further recognizes that forms of discriminatory or harassing behavior may create an unwelcomed or hostile environment and lead to an uncomfortable situation. As a result, the University has established internal complaint procedures available to all who believe their experience on any of our campuses has been less than appropriate.

To facilitate or otherwise strive to ensure university-wide compliance, I have appointed Renisha Gibbs, Director, Human Resources/Office of Equal Opportunity and Compliance and University Title IX Coordinator, to develop, administer, and coordinate university-wide initiatives and complaint investigations. This will be accomplished through collaboration with the Dean of Students Department, the Athletics Department, the Office of the Dean of the Faculties, and all University divisions, colleges, and departments.

Questions regarding the above may be directed to your supervisor or Renisha Gibbs at (850) 644-8082 or rgibbs@admin.fsu.edu.

Individuals with Disabilities

The Florida State University adheres to Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA), as amended by the Americans with Disabilities Amendments Act of 2008, in prohibiting discrimination against any qualified individual with a disability. Any student with a disability may voluntarily self-report the nature of the disability and with a disability may voluntarily self-report the nature of the disability and immediately counsel and maintain suitable accommodations for employment or visitors, please contact The Florida State University Human Resources/Office of Equal Opportunity and Compliance, located at University Center, Bldg. A, Suite 6200, or call (850) 645-6519.

HIV/AIDS Policy

Students, employees, and applicants for admission or employment at Florida State University who have or who may become infected with HIV will not be excluded from enrollment or employment or restricted in their normal responsibilities and access to University services or facilities due to their HIV/AIDS status, unless individual medically based judgments establish that such 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, University Health Services, (850) 644-2026; James Hennessey, PhD, Student Counseling, (850) 644-2033; and Dwight Kemp, University Health Services (850) 644-8871. Confidential HIV testing is available for students and staff at University Health Services. Any interested individuals should call (850) 644-8871 to schedule an appointment.

Sexual Harassment Policy

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

2. Office of Equal Opportunity and Compliance: The Office of Equal Opportunity (EOC) is charged with receiving and investigating sexual harassment complaints as set forth in this policy and shall maintain the records pertaining thereto.

3. Definition: Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature directed at an employee or student by another when:
   a. Submission to such conduct is made either explicitly or implicitly a term or condition of employment, academic status, receipt of University services, participation in University activities and programs, or affects the measure of a student’s academic performance; or
   b. Submission to or rejection of such conduct is used as the basis for a decision affecting employment, academic status, receipt of services, participation in University activities and programs, or the measure of a student’s academic performance; or
   c. Such conduct has the purpose or effect of unreasonably interfering with employment opportunities, work or academic performance or creating an intimidating, hostile, or offensive work or educational environment.

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

Examples of sexual harassment include, but are not limited to, the following, when they occur within the circumstances described in Section (3) above:
   a. Use of gender-based verbal or written language, including electronic communications offensive or degrading to a person of that gender, whether or not the content is sexual
   b. Inappropriate display of gender-based pictorial images offensive or degrading to a person of that gender, including but not limited to sexual posters, photographs, cartoons, drawings, or other displays of sexually suggestive objects or pictures
c. Use of inappropriate gestures or body language of a sexual nature, including leering or staring at another

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

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

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

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

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

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

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

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

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

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

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

9. Complaint Procedure:

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

- The Office of Equal Opportunity and Compliance
- The Office of the Dean of the Faculties
- The Dean of Students Department
- The Office of Human Resources
- A student’s school or college dean
- An employee’s immediate or next immediate supervisor

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

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

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

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

d. Reviewing a Complaint. The EOC will make an initial determination whether the alleged perpetrator is a student or employee. If the alleged perpetrator is identified as one who is not a student or employee, then the EOC will refer the matter to the Office of the General Counsel for appropriate action. If the EOC determines that the alleged perpetrator is a student or employee, the EOC 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 EOC 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).

c. Notifying the Respondent and Supervisor; Informally Resolving a Complaint; Withdrawing a Complaint: The EOC 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 EOC will elicit from the complainant, proposed actions the complainant believes are necessary to address or resolve the alleged harassment. The EOC will discuss these proposed actions with the respondent and will consider the appropriate form 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 EOC 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 Office 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 EOC will forward a copy of the complaint and any associated materials to the Dean of Students Department, which will, if appropriate, adjudicate the matter under the Code of Student Conduct. The Dean of Students shall notify the EOC 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.
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 EOC: The EOC 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 EOC’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 EOC of the outcome of the EOC 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 EOC will notify the respondent of the results of the investigation when no policy violation is found and no further action planned.

13. Distribution of Policy: Copies of this policy are available to all current and future employees and students at The Florida State University in hard copy (policy brochures, student handbooks, etc.), electronic format (http://www.auditservices.fsu.edu, the General and Graduate Bulletins), 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 EOC.

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 Equal Opportunity and Compliance, 6200 University Center A, (850) 645-6519. Staff is also available in the following offices to assist victims of sexual harassment:\n\n\n- A student victim may report to Dean of Students Department, 4322 University Center A, (850) 644-2428; a faculty victim may report to Dean of Faculties, 211 Westcott Building, (850) 644-6876; an A&P, USPS or OPS victim may report to Human Resources, 6200 University Center A, (850) 645-6519.

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

The Florida State University Alcohol Policy

Introduction

The Florida State University affirms the guiding ethical principle of responsible freedom. Students, staff and faculty are expected to show respect for order, ethical conduct, and the rights of others, and to model in daily living a high sense of personal honor and integrity. Florida State University neither encourages nor condemns the legal consumption of alcoholic beverages. The university recognizes, however, that the majority of undergraduate students are below the legal drinking age and that there are serious health risks and behavior problems associated with the use of alcohol in the collegiate environ-ment. Consequently, alcohol will be permitted at Florida State University or programs sponsored by Florida State University or its direct support organizations only in those settings which:

1. Comply with federal or state laws, local ordinances, University regulations, foreign country laws (in the case of study abroad programs conducted by Florida State University International Programs, Inc.), Student Conduct Code, and this policy;
2. Present minimal health and safety risks; and
3. In no way inhibit the full participation of those who choose not to drink alcohol.

Events and activities that encourage excessive drinking and/or lead to the endangerment of individuals will not be permitted. Any person or group in violation of federal or state laws, local ordinances, or of this policy will be reported to the proper federal, state, local or university authorities for appropriate action.

I. Policy Pertaining to All Members, Groups, Events, and Organizations in the University Community and Non-University Members, Groups, Events, and Organizations:

(a) No individual under the legal drinking age (minimum of 21 years of age permitted by the State of Florida or the minimum age prescribed by the laws of foreign countries, but in no case below the age of 18 years of age) may serve, sell, consume or possess alcohol on university properties, except to the extent allowed by law within licensed premises or designated areas of the university.

(b) Alcohol must be served by a licensed and insured third party vendor. No individual may serve or otherwise provide alcohol to persons under the legal drinking age.

(c) The Consumption of Alcohol: The consumption of alcohol on university properties will be restricted to the following areas:
1. Florida State University Law School Rotunda;
2. Licensed areas of the university (e.g., Center for Professional Development, Club Downunder, Crenshaw Lanes, Renegade Grill);
3. Academic food service facilities;
4. University Center areas include:
   i. Skyboxes
   ii. Miller Hall (C3300, UC)
   iii. President’s Box (Level 7, UC)
   iv. Booster/Alumni Board Rooms (C5300, C5301 UC)
   v. University Club (Building B, Floor 3, UC)
   vi. Meeting Rooms (Building B, Floors 5 & 6, UC)
5. Lounges in Beth Moor at Longmire Building;
6. WFSU-TV and Radio Broadcast Center;
7. Premises in and around President’s house, Pearl Tyner Alumni Center, and surrounding grounds;
8. University property not located on the main campus, which has been leased by the university to private entities or persons, referred to in this rule as “private premises,” such as Heritage Grove;
9. Private university living quarters, including Alumni Village, where those present are of legal drinking age (see the Guide to Residence Living, Community Expectations, for further restrictions that may apply in residence halls; or in the case of living quarters provided for study abroad programs, see policies promulgated by Florida State University International Programs Association, Inc.);
10. Premises in Doak Campbell Stadium area used or licensed for use on football game days;
11. At the following sites, when provided in conjunction with an artistic or municipal event:
   i. The Fine Arts Gallery;
   ii. The reception/hospitality room in the Opperman Music Hall;
   iii. The Fine Arts Building; and the
   iv. FSU Lab Theater.
12. Werkmeister Reading Room (201 Dodd Hall);
13. In common areas for special events approved by the University President or his/her designee. For faculty, the designee is the Dean of the Faculties, for student groups, the designee is the Vice President for Student Affairs, and for all other groups the designee is the Vice President for University Relations.
(d) The Sale of Alcohol: The sale of alcohol on campus must be approved by the President or designee. Although the President or designee may approve the sale of alcohol on campus, only the Division of Alcoholic Beverages and Tobacco can issue the permit required to sell alcohol in the state of Florida.

(e) Promotional Guidelines: The promotion of activities or events shall not advertise alcohol or sponsorship by alcohol marketers without prior written approval of the Vice President for University Relations. Events that seek advertising approval must meet the following requirements:
1. Alcohol shall not be used as an inducement to participate in a university event and may not be offered as a prize or gift in any form of contest, drawing or competition. Social events which encourage drinking, drinking contests, or drunkenness, and the advertisement of such events, are prohibited.
2. Alcohol advertising on campus or in campus media, including that which promotes events as well as product advertising, shall not portray drinking as a solution to personal or academic problems of students or as an enhancement to social, sexual, or academic status.
3. Advertising for any university event where alcoholic beverages are served shall mention the availability of non-alcoholic beverages as prominently as alcoholic beverages.
4. Promotional materials, including advertising for any university event, shall not make reference to the amount of alcoholic beverages available. This includes references to kegs or open bars.
5. Must adhere to University posting policy guidelines.

(f) Florida State University Police shall be notified of all on campus events that are not regularly scheduled that plan to serve alcohol.

(g) Laws and Regulations: All members of the campus community (students, faculty, staff, alumni, and guests) must adhere to all applicable federal or state laws, local ordinances, and University regulations related to the sale and use of alcohol. They include, but are not limited to the following:
1. It is unlawful for any person to aid or abet an underage person, as defined by Section 1 (a), in the purchase or attempt to obtain alcoholic beverages.
2. It is unlawful for any underage person to falsify a driver’s license or other identification document in order to obtain or attempt to obtain alcoholic beverages.
3. It is unlawful for any person to permit use of his/her driver’s license or any other identification document by an underage person to purchase or attempt to purchase alcoholic beverages.
4. No person may bring any type of alcoholic beverage into a licensed facility or area, nor may any person take alcoholic beverages out of the licensed facility or area, except that a bottle of wine purchased, but not fully consumed, at the University Center Club or similar restaurant establishment on campus may be removed by the person after it has been recorked as allowed by law.
5. Transportation of all alcoholic beverages on campus shall be in unopened and unobservable containers.
6. Damage to or destruction of property, or injury to person(s), which is caused by or can be shown to be related to the consumption of alcohol will be subject to disciplinary action, as will any other violation of this rule.

II. Guidelines for University Sponsored Events.

Definition: Large public and formal events where the University acts in symbolic ways to honor, celebrate, and reward achievements central to its mission (e.g., graduation, convocation, dedications, awards, ceremonies). These events convey important values about what is central to the University. Florida State University is concerned with the image conveyed when alcohol service is included as part of these events.

All University Sponsored Events are subject to the guidelines outlined in Section I of the alcohol policy. In addition, the following restrictions apply:
(a) Alcohol will not be served at any reception or other function, as defined above, sponsored by the University or taking place on the University campus where attendance is essentially open to the public and is not controlled by such means as individual invitation, registration, reservation and/or a fee payment process.
(b) At those functions where attendance will be predominately alumni and friends of the university, and controlled by individual invitation, registration, reservation, or a fee payment process, alcoholic beverages may be served provided the following restrictions:
1. All persons will be required to show identification, including birth date, to ensure that they are a minimum of 21 years of age in the state of Florida;
2. The right to refuse to serve anyone who seems to be in danger of over consumption will be reserved and used; and
3. An ample supply and variety of food and non-alcoholic beverages will be available.
(c) At university sponsored functions where attendance will be predominately students, no alcoholic beverages will be served, regardless of the degree of control exercised over attendance.

III. Guidelines for University Related Events.

Definition: Any organization or group, consisting primarily of Florida State University students, employees, faculty or alumni, and/or which utilizes the Florida State University name or its premises, in which alcohol is served, must adhere to the following guidelines. These guidelines apply to all student organizations, whether or not they have received formal recognition or not. All University Related Events, on or off campus, are subject to the guidelines outlined in Section I of the alcohol policy. In addition, the following apply:
(a) Sponsors are required to provide one or more alternative non-alcoholic beverage available in sufficient quantity throughout the event.
(b) Non-alcoholic beverages must be available at the same place as the alcoholic beverages and featured as prominently as the alcoholic beverages.
(c) If the alcoholic beverage is being sold, the alternative beverage should be available at a price equal to or less than the price of the alcohol being provided.
(d) Wherever alcohol is present, food must also be in sufficient quantity throughout the event.
(e) The cost of admission to an event may not include or cover the cost of alcoholic beverages.
(f) No state appropriated, federal funds or A & S fees may be used to purchase or sell alcohol.
(g) The burden of proof for showing legal age is placed upon the person desiring alcohol service. No service will be provided unless clear evidence of legal age is presented. Those of legal age and consuming alcohol will be identified by wrist bands, hand stamps, etc.
(h) It is the responsibility of the serving establishment, at the time that an alcoholic beverage is requested, to check the picture ID. If, for any reason, proof of legal drinking age cannot be provided upon request, it is the responsibility of the server to deny the request.
(i) At social functions where alcoholic beverages are served, direct access should be limited to a person(s) designated as the server(s) by a licensed insured vendor. Servers must not consume alcohol during the event.
(j) The server shall refuse to serve anyone who seems to be in danger of over consumption will be reserved and used.

Any organization found not to be in compliance with the university alcohol policy at their event may be subject to university disciplinary action and may forfeit its right to any fee support from the university.

IV. Tailgate Events

Definition: Gatherings occurring in the designated parking areas surrounding the area of Doak Campbell Stadium prior to and after scheduled football games.

(a) Florida State University does not support or condemn the consumption of alcohol by individuals 21 years of age or older at tailgate events.
(b) Florida State University does not condone any act related to excessive consumption of alcohol that impairs, interferes, or endangers the safety or enjoyment of anyone attending these events, including the individual who chooses to consume alcohol.
(c) Individuals who choose to consume alcohol are responsible for their behavior and should not operate a motor vehicle after they have consumed alcohol.

V. Administration and Enforcement of Policy:
of these resources and services. Treatment, rehabilitation, re-entry, prevention, and intervention, as well as staff of Florida State University, including alcohol education, counseling, numerous resources and support services available to students, faculty, and other depressants of the central nervous system, much lower doses of alcohol er mental functions, altering a person’s ability to learn and remember informa

21. Other possible effects include reduced alertness and damage, digestive problems, tremors, impaired sexual response, and injuries 

6. The Dean of the Faculties is the responsible university official for administration of the alcohol policy for all events involving federal or state laws, local ordinances, and University regulations, to the proper authorities through the Florida State University Police Department.

VI. Health Risks

Alcohol consumption may cause a number of changes in behavior which 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. It may increase aggressiveness, lower inhibitions, cloud judgment, reduce resistance, and hamper the ability to make decisions.

Alcohol first affects the brain responsible for higher functions, such as decision-making and social inhibitions, suppressing an individual’s self-control. Alcohol in the blood can slow reaction time, reduce muscle co-ordination and impair eyesight, contributing to deficits in performance, judgment, memory, and motor skills. Easy low doses can significantly impair the judgment and coordination required to drive a car safely. Florida State University reiterates that no one should ever drink alcohol and drive. The designated driver should never drink alcohol.

Moderate to high doses of alcohol may cause marked impairments in higher mental functions, altering a person’s ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol may produce the effects just described above.

VII. Educational Resources and Support

In support of responsible management of alcohol, the University provides numerous resources and support services available to students, faculty, and staff of Florida State University, including alcohol education, counseling treatment, rehabilitation, re-entry, prevention, and intervention, as well as other educational programs and volunteer opportunities. Below are just a few of these resources and services.

(a) Health Promotion at University Health Services [644-8877; Web site is http://www.ush.fsu.edu/bhp].

(b) Office of Residence Life [644-2860; Web site is http://housing.fsu.edu/index.html].

(c) FSU Police Department [644-1234; Web site is http://www.police.fsu.edu/].

(d) 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 [644-8877], PAR (Partnership for Alcohol Responsibility [644-6489] at the Human Services Center, and GAMMA (Greeks Advocating the Mature Management of Alcohol).

(e) 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]. More information is available at http://nursing.fsu.edu/.

(f) 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].

(g) 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 Department] 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.

(h) The University Counseling Center (UCC) provides a structured two-session Alcohol and Other Drug (AOD) Evaluation for students who are sanctioned by the University for violations of the University’s alcohol and drug policy. In addition to mandated AOD sessions, AOD Evaluations are available on a voluntary basis to all FSU students. Following the AOD Evaluation sessions, a recommendation is made to the student regarding need for counseling treatment. Counseling treatment is provided to students on a voluntary basis only. Any fee-paying student currently enrolled at Florida State University is eligible for services at the UCC. Please contact the University Counseling Center for a current fee schedule [644-2003; Web site is http://www.counseling.fsu.edu].

(i) 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 a self-referral or supervisor referral. The EAP functions as a coordinator of counseling and other appropriate services available both within the university and the community [644-2288; Web site is http://www.eap.fsu.edu].

(j) Counseling services are also provided for students, staff, faculty, and the community by the Marriage and Family Therapy clinic, which fees are based on annual income [644-1588; Web site is http://www.chs.fsu.edu/].

(k) The Human Services Center is a training clinic within the College of Education. Counselors are graduate students with counseling majors who offer service for students, staff, faculty, and the community. Services are free [644-3857; Web site is http://www.ecps.fsu.edu/hsc].

(l) 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 students, staff, faculty, and the community. Fees are based on a sliding scale [644-3006; Web site is http://www.psych.fsu.edu/communityclinic].

(m) Helpline 211 is a telephone counseling and referral service for short term counseling, information and referrals mainly for social services in the Big Bend area [877]-211-7005; (850) 224-6333. 211; Web site is http://www.211bigbend.org].

(n) MyStudentBody.com offers personalized and confidential health information [Web site is http://www.mystudentbody.com].

The Florida State University State and Local Penalties

<table>
<thead>
<tr>
<th>Common Alcohol Offenses (Leon County)</th>
<th>Typical Penalty First Offense</th>
<th>Maximum Penalty First Offense</th>
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<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>
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<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>
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Note: These are only for information. State sanctions are subject to change by the Florida Legislature.

The Florida State University Health Risks of Illicit Drugs

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.

The Florida State University Illicit Drug Penalties

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.

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

The Florida State University Standards of Conduct

State of Florida statutes declare that it is unlawful for any person under 21 years of age to consume or possess 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.

Florida State University Use of Social Security Numbers

In accordance with Florida Statute 119.071(5), students and employees should be aware that Florida State University collects and uses social security numbers for the purpose of performing certain University duties and responsibilities as follows:

1. Certain aspects of employment related to federal tax reporting, generation and reporting of I-9 documents, direct deposit, insurance policies, retirement benefits, state and federal reporting requirements;
2. Identification and verification of student records, including admission, registration, financial aid, and academic records, as well as verification of identity in connection with the provision of the University’s services;
3. State and federal reporting of student data as required by law;
4. Release to contracted vendors for the purposes of state and federal reporting or provision of contracted services for the faculty, staff, and students of the University;
5. Release to commercial entities engaged in the performance of a commercial activity provided the social security numbers will be used only in the performance of a commercial activity and provided the commercial entities make a written request for the social security numbers conforming to the requirements of Section 119.071(5)(a)7b. (I)-(IV), Florida Statutes.
6. Release to the Florida Board of Governors as follows:
   a. When necessary for the performance of the Board’s constitutional duties and responsibilities, including but not limited to:
      ii. In conjunction with tort claims and tort notices of claim against the Board of Governors [Required by Fla. Stat. § 768.28(6), and Fla. Stat. § 119.071(5)(a)]
      iii. When the disclosure of the social security number is expressly required by federal or state law or a court order [Authorized by Fla. Stat. § 119.071(5)(a)6]
      iv. When the individual expressly consents in writing to the disclosure of his or her social security number [Authorized by Fla. Stat. § 119.071(5)(a)6]

The University does not use social security numbers for student identification; instead the University creates a unique identifier for each student called the Florida State University Security Number (FSUSN).

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 university official) written requests that identify the records they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student’s education records that the student believes is inaccurate or misleading. Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the University 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. 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 or her professional responsibility. Upon request, the University discloses education records without consent to officials of another school in which a student seeks or intends to enroll.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:
   Family Policy Compliance Office
   U.S. Department of Education
   400 Maryland Avenue, S.W.
   Washington, DC 20202-4605

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.

Note: Under Federal Statute, the University is authorized to and may release records to other institutions without notification to the student, when the student is applying for admission.

Release of Student information

The disclosure or publication of student information is governed by the policies of Florida State University and the State of Florida within the framework of state and federal laws, including the Family Educational Rights and Privacy Act of 1974. The written consent of the student is required for the disclosure or publication of any information that is: (1) personally identifiable of the student and (2) a part of the educational record. Certain exceptions to that generality, both in types of information that can be disclosed and in access to that information, are allowed within the regulations of the Family Educational Rights and Privacy Act, as described in the following paragraphs:

A. Subject to statutory conditions and limitations, prior consent of the student is not required for disclosure of information in the educational record to (or for):
   1. Officials of the University with a legitimate educational interest. A school official is defined as a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee,
such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his/her professional responsibility;
2. Certain government agencies;
3. Accrediting organizations;
4. Certain financial aid matters;
5. Certain research circumstances;
6. Health and safety emergencies;
7. A court pursuant to order or subpoena, so long as the student is notified in advance of the University’s compliance; and
8. As otherwise provided by law.

B. Subject to statutory conditions and limitations, prior consent of the student is not required for disclosure of certain types of information for:
1. Portions of the educational record for which the student has signed a waiver;
2. Portions of the educational record that are exempted by law including records of law enforcement agencies of the University;
3. 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.

C. Prior consent of the student is not required for disclosure of portions of the educational record defined by the institution as “Directory Information,” which may be released via official media of the University:
1. Name, date, and place of birth;
2. Local address;
3. Permanent address;
4. Telephone number (if listed);
5. Classification;
6. Major field of study;
7. Participation in official University activities and sports;
8. Weight and height of members of athletic teams;
9. Dates of attendance at the University;
10. Degrees, honors, and awards received;
11. The most recently attended educational institution; and,
12. Digitized photo (Florida State University Card).

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

Request to Prevent Publication of Directory Information

Students may inform the University in writing of the student’s desire to prevent publication of such “Directory Information” or release of such information except as required by law. Appropriate forms for such action are made available by the Office of the University Registrar.

Caution: Until the University can develop the necessary sophistication in our data systems, a student’s request to prevent the release of publication of some of the items of “Directory Information” may result in preventing the publication of all items on that list, including graduation lists, honors, and award lists. The student can help avoid such errors with a gentle reminder to the Office of the University Registrar.

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

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 (850) 644-4030.

Illegal Downloading of Copyrighted Songs and Movies

Downloading and distribution of copyrighted music, movie and other entertainment files from online distribution sites that offer these items free of charge is illegal, in direct violation of the federal Digital Millennium Copyright Act, the Florida State University Student Conduct Code, and the Florida State University Policy OP-H-6 “Use of University Information Technology Resources.”

Illegal downloading and file sharing of copyrighted music, movies or other entertainment files is intellectual property/copyright infringement. Illegal downloading and file sharing activities maliciously expose the University’s network, computing systems and personal computers to destructive computer malware (viruses, spyware, worms, Trojan horses, rootkits, keystroke loggers, etc.), and denial of service attacks. Illegal downloading activity significantly increases the risk of exposure to personal identity theft and irreparable or costly damage to both university and personally owned computing devices.

The potential consequences of illegal downloading and file sharing are extremely serious. There are both civil and criminal penalties for illegal downloading and file sharing:

• In a civil suit, an infringer may be liable for a copyright owner’s actual damages plus any profits made from the infringement. Alternatively, the copyright owner may avoid proving actual damage by electing a statutory damage recovery of up to $30,000 or, where the court determines that the infringement occurred willfully, up to $150,000. The actual amount will be based upon what the court in its discretion considers just. See 17 U.S.C. § 504.

• Penalties to be applied in cases of criminal copyright infringement [i.e., violations of 17 U.S.C. § 506(a)], are set forth at 18 U.S.C. § 2319. Congress has increased these penalties substantially in recent years, and has broadened the scope of behaviors to which they can apply. Statutory penalties are found at 18 U.S.C. § 2319. A defendant, convicted for the first time of violating 17 U.S.C. § 506(a) by the unauthorized reproduction or distribution, during any 180-day period, of at least 10 copies or phonorecords, or 1 or more copyrighted works, with a retail value of more than $2,500 can be imprisoned for up to 5 years and fined up to $250,000, or both. 18 U.S.C. §§ 2319(b), 3571(b)(3).

• Defendants who have previously been convicted of criminal copyright infringement under 18 U.S.C. § 2319(b)(1) may be sentenced to a maximum of 10 years imprisonment, a $250,000 fine, or both. Finally, a defendant is guilty of a misdemeanor violation if he violated rights other than those of reproduction or distribution, or has reproduced or distributed less than the requisite number of copies, or if the retail value of the copies reproduced or distributed did not meet the statutory minimum, or if other elements of 17 U.S.C. § 506(a) are not satisfied. Misdemeanants can be sentenced a maximum of one year and can be fined a maximum of $100,000. See 18 U.S.C. §§ 2319(b)(3), 3571(b)(5).

Law firms representing the entertainment industry aggressively investigate instances of music and movie “pirating”, and upon identifying the offenders, are increasingly invoking the applicable laws to reap financial settlements and awards totaling thousands of dollars.

The University is not legally empowered to protect, represent, advise or otherwise assist students who become subject to legal proceedings because of copyright infringement. Students who are sued, offered an out-of-court settlement, or cited for criminal copyright infringement must obtain their own legal representation.

In addition to civil and criminal penalties, violators will be subject to the University’s disciplinary proceedings:

• Student Conduct Code (http://srr.fsu.edu/conduct_code.html): A student found to be in violation of provision (5)(c)(1) is subject to the
sanctions defined in Section (9). Examples of sanctions that may be imposed for violations of the Student Conduct Code include reprimand, service hours, probation, suspension, and dismissal.

- Florida State University Policy OP-H-6 “Use of University Information Technology Resources” (http://policies.vpfa.fsu.edu/bmanual/itpolicy.html): A student found to be in violation of provision C.1.a (11) may lose University computer privileges as defined in paragraph F.2.

For more information, please visit Campus Downloading Frequently Asked Questions at http://www.campusdownloading.com/faq.htm.

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 semester does not guarantee the availability of a course at any specific time. Likewise, admission to the University or registration for a given program of study within the University, or a department or college of the University, is not a guarantee of a degree or of certification in a program.
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 2010, Florida State University’s faculty generated a record $215 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, chemistry and biochemistry, biology, psychology, meteorology, and oceanography. Its programs in materials science, high-field magnet research, superconductivity, 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. The Florida State University College of Medicine, founded by statute in 2000, has major research components in the biomedical and clinical sciences, family medicine and rural health, geriatrics, and medical humanities and social sciences.

Special Programs

The National High Magnetic Field Laboratory (NHMFL), 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 steady-state 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. In 2011, a unique 25-Tesla “split magnet” was completed and put into operation. 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 made major investments in faculty and infrastructure in the area of materials science and engineering. The High Performance Materials Institute (HPMI), located in the new Materials Research Building, specializes in the synthesis and characterization of composite materials containing carbon nanotubes. These light weight but very strong materials have broad applications in transportation, armor, and energy. Associated with the HPMI is the Applied Superconductivity Center (ASC). Researchers at the ASC study high temperature superconducting materials which can be used in magnet construction, motors, and energy storage or transmission devices. The above research groups, in conjunction with the College of Engineering and the NHMFL, participate in the Advanced Materials faculty cluster. A second faculty cluster, Integrative NanoScience, 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 this cluster is the integration of hard and soft materials for future spintronics and biological applications. Other materials efforts of note take place in the departments of Chemistry and Biochemistry, Physics, and Scientific Computing, as well as in units of the College of Engineering.

The Center for Advanced Power Systems is a multidisciplinary research center organized to perform basic and applied research to advance the field of power systems technology. The research focuses on electric power systems modeling and simulation, power electronics and machines, control systems, thermal management, high temperature superconductor characterization, and electrical insulation research. Development of cutting-edge technologies and a technology-savvy workforce in a broad range of aerospace and propulsion disciplines is the focus of the Florida Center for Advanced Aero-Propulsion (FCAAP). FCAAP is a Center of Excellence led by Florida State University with the University of Central Florida, the University of Florida, and Embry-Riddle Aeronautical University as partners. Florida State University’s Institute for Energy Systems, Economics and Sustainability is a member of the Florida Energy Systems Consortium. This institute has a broad purview including science and technology, public policy, law, and economics.

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 stronger fields than the art instrumentation that provides forefront nuclear research capability, and is unique in the southeast.

Florida State University’s Coastal and Marine Laboratory is located forty-five 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. Faculty at the coastal and marine laboratory are playing a major role in research responding to the Deepwater Horizon oil spill. The Academic Diving Program, which is part of the laboratory, 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 methods.

The Center for Ocean-Atmospheric Prediction Studies (COAPS), located at the Don Fuqua Research Complex, 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. COAPS hosts the university’s component of the Florida Climate Institute, a joint venture with the University of Florida. 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 Coast 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 spectroscopies. 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. The University’s Information Technology Services (ITS) manages a high speed network that connects computers throughout the University to each other and to the world. ITS 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. The University maintains a shared High Performance Computing (HPC) system. The current setup of 526 compute nodes at FSU HPC system was acquired during three different upgrade cycles. The theoretical peak performance of the complete system is 28.7 TeraFlops.

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

The Learning Systems Institute (LSI) 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 Academic and Professional Program Services. Housed within LSI is the Florida Center for Research in Science, Technology, Engineering and Mathematics, a unit which focuses in STEM education throughout the nation with a focus on special problems in Florida.

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 on 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.

Florida State University’s Autism Institute, housed in the College of Medicine, coordinates and promotes research, education, and service related to the autism spectrum disorders. The institute promotes interdisciplinary research that advances scientific knowledge and bridges the gap between this knowledge and clinical/educational practice. The Center for Innovative Collaboration in Medicine and Law is a joint effort of the College of Medicine and the College of Law. The center explores educational, research, and advocacy avenues for collaboration and cooperation between the medical and legal professions on behalf of the well-being of consumers.

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, such as the American circus. The Ringling Museum, the home of an internationally renowned art collection, occupies sixty acres of beautiful bay front property including the museum of art, the historic Asolo Theatre (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 overriding objective is to successfully apply resources, human and technical, to policy problems within the state of Florida.

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

Since 1951, students and faculty of Florida State University have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of more than one hundred PhD granting 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.

In addition to membership in ORAU, Florida State University is one of the eight core university partners with Oak Ridge National Laboratory (ORNL). The other partner universities include Duke University, Georgia Tech, North Carolina State University, University of Tennessee, University of Virginia, Vanderbilt University, and Virginia Tech. Partnership with ORNL facilitates research collaborations and affords access to unique capabilities in neutron scattering, high performance computing, and materials science.
INTERNATIONAL EDUCATION

International Commitment

The Florida State University recognizes that a great university 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 is 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: Ladanya Ramirez

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 ten to twelve students. For additional information, visit http://www.ic.fsu.edu/ or e-mail bb@admin.fsu.edu.

The Frederick L. Jenks Center for Intensive English Studies

Program Director: Patrick Kennell

The Frederick L. Jenks Center for Intensive English Studies (CIES) provides intensive instruction in the English language to non-English speakers. Its primary target audience is international scholars who are preparing to pursue degree work in American colleges and universities.

The Center evaluates the English speaking proficiency of FSU’s International Teaching Assistants (TAs) through its administration and scoring of the SPEAK test. Along with this assessment, the Center provides credit-bearing classes for those prospective international TAs who need further development of their speaking proficiency in English.

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 English language. CIES has an average of fifty to sixty students per session, representing approximately twenty different countries. Through its well-developed Conversation Partner program, CIES also serves as an integral part of FSU’s Global Pathways Certificate in providing many valuable and interesting opportunities for FSU students to meet, interact, and develop friendships with students from around the world. CIES truly is the place at Florida State “where the world comes to learn English”. For further information, please call us at (850) 644-4797 or visit our Web site at http://cies.fsu.edu.

International Programs

Director: James E. Pitts; Associate Director: Michele E. Ceci; Assistant Directors: Ceil P. Bare, Louisa E. Blenman

The Florida State University offers a wide variety of opportunities for students to study overseas. Students learn not only from their exposure to the cultural resources of the host countries but also through 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 1923; and in Tokyo, Japan since 1965 (originating in Kobe and moving to its permanent home in Valencia in 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.

Each of these study centers offers a broad curriculum, which includes courses that ideally lend themselves to their international location. In Florence, the courses focus on the areas of art history, classics, writing, English 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 serves as a base of operations for a number of curriculum-focused programs. Students may pursue specific topics such as British history, English literature, communications, international affairs, choral and instrumental music education, global sport management, multi-media, 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, mathematics, and science. 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. Each study center offers an extensive internship program within a variety of disciplines.

In addition to the four Study Centers, International Programs offers programs in many other locations with sites varying from year to year. Programs are currently planned in locations including Argentina, Australia, Bahamas, Brazil, China, Costa Rica, Croatia, Czech Republic, Ecuador, France, Israel, Peru, Russia, South Africa, Switzerland, Turkey, and Uruguay. These locations host a variety of study abroad faculty-led opportunities which are either broad curriculum offerings or programs focusing on a particular area or major. Internship opportunities are available in Australia, China, and Peru, as well as at the four study centers. Additionally, the First Year Abroad program, created especially for high-achieving, global-thinking students, allows students to complete the first twelve months of their Florida State career studying abroad with International Programs. Students can choose to spend their first year at any of the four study centers. These students can opt to change their location for the summer term and spend it at any other study center, though visa restrictions apply for some locations. Finally, the College for High School programs offers a unique international academic opportunity for outstanding high school students. These students participate in university-level coursework in the Summer semester using Blackboard, and then travel to a host location with faculty and advisers in the summer. The three high school programs currently offered are European Humanities, Intensive Spanish, and Israel Experience. The curriculum and academic arrangements are constantly changing, and students can choose to take a variety of courses.

For additional information, visit the Web site at http://www.intprog1.fsu.edu or contact us at: International Programs, 145500 University Center Tallahassee, FL 32306-2420; (850) 644-3272 or (800) 374-8581; intprog1@admin.fsu.edu.

International Education 23
Florida–Costa Rica Institute
Co-Director: Marianella Jost

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 eleven 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 eleven state universities and twenty-eight community colleges.

Florida–France Institute
Co-Director: Kyle Rausch

The University of South Florida, Florida State University, 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 eleven 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, and 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 eleven universities and twenty-eight 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 University

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 University. 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/oxford/index.html.

Center for Global Engagement

Please see the “Student Services” chapter of this General Bulletin for information pertaining to the Center for Global Engagement.
Florida State University offers degree programs through the following colleges, schools, or divisions. Consult the college for currently active programs.

### College of Applied Studies:
http://appliedstudies.pc.fsu.edu/

**Regular Degree Program**

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recreation, Tourism, and Events</td>
<td>B</td>
</tr>
<tr>
<td>Public Safety and Security</td>
<td>B</td>
</tr>
</tbody>
</table>

**Certificate Programs**
Certificate in Event Management, Graduate
Certificate in Underwater Crime Scene Investigation, Undergraduate/Graduate

### College of Arts and Sciences:
http://artsandsciences.fsu.edu/

**Regular Degree Programs**

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Science</td>
<td>B</td>
</tr>
<tr>
<td>American and Florida Studies</td>
<td>B</td>
</tr>
<tr>
<td>Anthropology</td>
<td>B</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>B</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>B</td>
</tr>
<tr>
<td>Biostatistics</td>
<td>M</td>
</tr>
<tr>
<td>Chemical Physics</td>
<td>M</td>
</tr>
<tr>
<td>Chemical Science</td>
<td>B</td>
</tr>
<tr>
<td>Chemistry</td>
<td>B</td>
</tr>
<tr>
<td>Classics</td>
<td>B</td>
</tr>
<tr>
<td>Computational Biology</td>
<td>B</td>
</tr>
<tr>
<td>Computational Science</td>
<td>B</td>
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<tr>
<td>Computer Science</td>
<td>B</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>M</td>
</tr>
<tr>
<td>East Asian Languages and Culture</td>
<td>B</td>
</tr>
<tr>
<td>English</td>
<td>B</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>B</td>
</tr>
<tr>
<td>Environmental Science and Policy</td>
<td>B</td>
</tr>
<tr>
<td>French</td>
<td>B</td>
</tr>
<tr>
<td>French and Francophone Studies</td>
<td>B</td>
</tr>
<tr>
<td>Geology</td>
<td>B</td>
</tr>
<tr>
<td>Geophysical Fluid Dynamics</td>
<td>D</td>
</tr>
<tr>
<td>German</td>
<td>B</td>
</tr>
<tr>
<td>Greek</td>
<td>B</td>
</tr>
<tr>
<td>History</td>
<td>B</td>
</tr>
<tr>
<td>History and Philosophy of Science</td>
<td>M</td>
</tr>
<tr>
<td>Humanities</td>
<td>B</td>
</tr>
<tr>
<td>Italian</td>
<td>B</td>
</tr>
<tr>
<td>Italian Studies</td>
<td>M</td>
</tr>
<tr>
<td>Latin</td>
<td>B</td>
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<tr>
<td>Materials Science</td>
<td>M</td>
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<tr>
<td>Mathematics</td>
<td>B</td>
</tr>
<tr>
<td>Meteorology</td>
<td>B</td>
</tr>
<tr>
<td>Middle Eastern Studies</td>
<td>B</td>
</tr>
<tr>
<td>Molecular Biophysics</td>
<td>D</td>
</tr>
<tr>
<td>Neuroscience</td>
<td>D</td>
</tr>
<tr>
<td>Oceanography</td>
<td>M</td>
</tr>
<tr>
<td>Philosophy</td>
<td>B</td>
</tr>
<tr>
<td>Physical Science</td>
<td>B</td>
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<tr>
<td>Physics</td>
<td>B</td>
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<tr>
<td>Psychology</td>
<td>B</td>
</tr>
<tr>
<td>Religion</td>
<td>B</td>
</tr>
<tr>
<td>Russian</td>
<td>B</td>
</tr>
<tr>
<td>Science Teaching</td>
<td>M</td>
</tr>
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</table>

### Combined Degree Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science</td>
<td>BS/MS</td>
</tr>
<tr>
<td>History</td>
<td>BA/MA</td>
</tr>
<tr>
<td>Mathematics</td>
<td>BA/MA</td>
</tr>
<tr>
<td>Philosophy</td>
<td>BS/MS</td>
</tr>
</tbody>
</table>

**Certificate Programs**
Certificate in Cognitive Science (Psychology), Graduate
Certificate in Critical Theory (English), Graduate, Interdisciplinary
Certificate in Publishing and Editing (English), Graduate
Certificate in Global Pathways, Undergraduate/Graduate, Interdisciplinary
Certificate in Information Systems Security Professionals, Undergraduate/Graduate
Certificate in Marine Biology and Living Resource Ecology, Undergraduate
Certificate in Museum Studies: Graduate (Anthropology, Classics, History, or History and Philosophy of Science)
Certificate in Oceanography, Graduate
Certificate in SAS Programming and Data Analysis (Statistics), Undergraduate/Graduate

### College of Business:
http://cob.fsu.edu/

**Regular Degree Programs**

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>B</td>
</tr>
<tr>
<td>Business Administration</td>
<td>B</td>
</tr>
<tr>
<td>Business Administration/Social Work</td>
<td>M</td>
</tr>
<tr>
<td>Finance</td>
<td>B</td>
</tr>
<tr>
<td>Hospitality Management</td>
<td>B</td>
</tr>
<tr>
<td>Management</td>
<td>B</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>B</td>
</tr>
<tr>
<td>Marketing</td>
<td>B</td>
</tr>
<tr>
<td>Multinational Business</td>
<td>B</td>
</tr>
<tr>
<td>Real Estate</td>
<td>B</td>
</tr>
<tr>
<td>Risk Management/Insurance</td>
<td>B</td>
</tr>
</tbody>
</table>

**Combined Degree Program**
Marketing

**Certificate Programs**
Certificate in Entrepreneurship, Undergraduate
Certificate in Free Enterprise and Ethics, Undergraduate

### College of Communication and Information:
http://cci.fsu.edu/

**Regular Degree Programs**

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>B</td>
</tr>
<tr>
<td>Communication Sciences and Disorders</td>
<td>B</td>
</tr>
<tr>
<td>Information Technology</td>
<td>B</td>
</tr>
<tr>
<td>Library and Information Studies</td>
<td>M</td>
</tr>
</tbody>
</table>

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**Legend:**

- **B**—Bachelor’s Degree
- **M**—Master’s Degree
- **A**—Advanced Master’s
- **S**—Specialist
- **D**—Doctoral Degree
- **JD**—Juris Doctor
- **MD**—Doctor of Medicine
Combined Degree Program

| Communication | BS/MS |

Joint Degree Program

| Library Information Studies and Law | MS/JD |

Certificate Programs

- Certificate in Communication Sciences and Disorders, Undergraduate Honors/Graduate
- Certificate in Developmental Disabilities, Undergraduate, Interdepartmental
- Certificate in Digital Video Production, Graduate
- Certificate in Global Pathways, Undergraduate/Graduate, Interdisciplinary
- Certificate in Health Information Technology, Undergraduate
- Certificate in Information Architecture, Graduate
- Certificate in Intercultural Competence, Undergraduate
- Certificate in Library Leadership and Management, Graduate
- Certificate in Multicultural Marketing Communication, Undergraduate/Graduate
- Certificate in Museum Studies: Information Studies, Graduate
- Certificate in Project Management, Graduate
- Certificate in Reference Services, Graduate
- Certificate in School Library Media Specialist Leadership, Graduate
- Certificate in Web Design, Graduate
- Certificate in Youth Services, Graduate

College of Criminology and Criminal Justice:

http://www.criminology.fsu.edu/

Regular Degree Programs

| Computer Criminology | B M |
| Criminology | B M D |
| Criminology/Public Administration | M^3 |
| Criminology/Social Work | M^3 |

Combined Degree Program

| Criminology and Criminal Justice | BS/MS |

Certificate Program

Certificate in Criminology and Criminal Justice, Undergraduate through Distance Learning

College of Education:

http://www.coe.fsu.edu/

Regular Degree Programs

| Counseling and Human Systems | M S |
| Counseling Psychology and Human Systems | D |
| Early Childhood Education | B M S D |
| Educational Leadership and Policy | M S D |
| Educational Psychology | M S D |
| Elementary Education | B M S D |
| English Education | B M S D |
| Foundations of Education | M S D |
| Higher Education | M S D |
| Instructional Systems | M D |
| Mathematics Education | M |
| Measurement and Statistics | M S D |
| Multilingual/Multicultural Education | M |
| Reading Education | M D |
| Research and Evaluation Methods | M D |
| Social Sciences Education | B M |
| Special Education | B M S D |
| Sport Management | B M D |
| Visual Disabilities | B M |

Combined Degree Program

| Criminology and Criminal Justice | BS/MS |

Certificate Programs

- Certificate in Coaching, Graduate
- Certificate in Blended Online Learning and Teaching (BOLT), Graduate
- Certificate in Developmental Disabilities, Undergraduate, Interdepartmental
- Certificate in Early Childhood and Family Intervention, Graduate
- Certificate in Early Childhood/Special Education, Graduate
- Certificate in Educational Leadership - Modified Program, Graduate
- Certificate in Educational Policy, Graduate
- Certificate in Human Performance Technology, Graduate
- Certificate in Infant/Toddler Development, Graduate
- Certificate in Institutional Research, Graduate
- Certificate in Leadership Studies, Undergraduate
- Certificate in Measurement and Statistics, Graduate
- Certificate in Online Instructional Development, Graduate
- Certificate in Program Evaluation, Graduate
- Certificate in Teaching English to Speakers of Other Languages, Graduate
- DOE-Approved Professional Training Option (PTO), Undergraduate/Graduate

FAMU–FSU College of Engineering:

http://eng.fsu.edu/

Regular Degree Programs

| Biomedical Engineering | M D |
| Chemical Engineering | M D |
| Civil Engineering | M D |
| Computer Engineering | B |
| Electrical Engineering | B M D |
| Industrial Engineering | B M D |
| Materials Science | M^4 |
| Mechanical Engineering | B M D |

Combined Degree Program

| Electrical Engineering | BS/MS |
| Mechanical Engineering | BS/MS |

Certificate Programs

- Certificate in Water and Environmental Resources Engineering, Graduate
- Renewable Energy Systems, Undergraduate/Graduate

The Graduate School

Regular Degree Programs

| Materials Science | M^4 |
| Materials Science and Engineering | D |

Certificate Program

Certificate in Preparing Future Faculty, Graduate
Certificate in Preparing Future Professionals, Graduate

College of Human Sciences:

http://www.chs.fsu.edu/

Regular Degree Programs

| Athletic Training | B |
| Clothing, Textiles, and Merchandising | B M |
| Exercise Science | B M D |
| Family and Child Sciences | B M D |
| Food and Nutrition | B M D |
| Marriage and Family Therapy | D |
**Certificate Programs**
Certificate in Family Studies, Graduate  
Certificate in Retail Merchandising, Graduate

**Joint Degree Program**
Family Child Sciences and Law  MS/JD

**College of Law:**  
[http://www.law.fsu.edu/](http://www.law.fsu.edu/)

**Regular Degree Programs**
- American Law for Foreign Lawyers  **M**
- Environmental Law and Policy  **M**
- Law  **JD**

**Joint Degree Programs**
- Business and Law  MBA/JD
- Economics and Law  MS/JD
- Family and Child Sciences and Law  **MS/JD**
- International Affairs and Law  **MS/JD**
- Information Studies and Law  **MS/JD**
- Public Administration and Law  **MPA/JD**
- Social Work and Law  **MSW/JD**
- Sport Management and Law  **MS/JD**
- Urban and Regional Planning and Law  **MSP/JD**

**Certificate Programs**
Professional Certificate in Business Law, Graduate  
Professional Certificate in Environmental, Natural Resources, and Land Use Law, Graduate  
Professional Certificate in International Law, Graduate

**College of Medicine:**  
[http://med.fsu.edu/](http://med.fsu.edu/)

**Regular Degree Programs**
- Biomedical Sciences  **M** **D**
- Medicine  **MD**

**College of Motion Picture Arts:**  
[http://film.fsu.edu/](http://film.fsu.edu/)

**Regular Degree Program**
- Motion Picture Arts  **B** **M**
- Motion Picture Arts Writing  **M**

**College of Music:**  
[http://music.fsu.edu/](http://music.fsu.edu/)

**Regular Degree Programs**
- Arts Administration  **M**
- Music Education  **B** **M** **D**
- Music Performance  **B** **M** **D**
- Music Theory and Composition  **B** **M** **D**
- Music Therapy  **B** **M**
- Music-Liberal Arts  **B** **M**
- MusicoLOGY  **M** **D**
- Opera Production  **M**

**Certificate Programs**
Certificate in Arts Administration, Graduate  
Certificate in College Teaching, Graduate  
Certificate in Early Music, Graduate  
Certificate in Jazz Studies, Undergraduate/Graduate

**Certificate in Music Education and Leadership, Graduate**  
**Certificate in Music of the Americas, Graduate**  
**Certificate in Music, Undergraduate Honors**  
**Certificate in Pedagogy of Music Theory, Graduate**  
**Certificate in Performance, Undergraduate**  
**Certificate in Piano Pedagogy, Undergraduate/Graduate**  
**Certificate in Sacred Music, Undergraduate/Graduate Vocal or Instrumental**  
**Certificate in Special Music Education, Undergraduate/Graduate**  
**Certificate in World Music, Graduate**

**College of Nursing:**  
[http://nursing.fsu.edu/](http://nursing.fsu.edu/)

**Regular Degree Program**
- Nursing  **B** **M** **D**

**Certificate Programs**
Certificate in Nursing Education, Graduate  
Certificate in Nursing Leadership, Graduate  
Post-Graduate Certificate with Preparation as a Clinical Nurse Leader

**College of Social Sciences and Public Policy:**  
[http://www.coss.fsu.edu/](http://www.coss.fsu.edu/)

**Regular Degree Programs**
- African-American Studies  **B**
- Asian Studies  **B** **M**
- Asian Studies/ Business  **B**
- Demography  **M**
- Economics  **B** **M** **D**
- Geographic Information Science  **M**
- Geography  **B** **M** **D**
- International Affairs  **B** **M**
- Latin-American and Caribbean Studies  **B**
- Political Science  **B** **M** **D**
- Public Administration  **M** **D**
- Public Administration/ Law  **M**
- Public Administration/ Social Work  **M**
- Public Administration/Criminology  **M**
- Public Administration/Urban and Regional Planning  **M**
- Public Health  **M**
- Russian and East European Studies  **B** **M**
- Social Science  **B** **M**
- Sociology  **B** **M** **D**
- Urban and Regional Planning  **M** **D**
- Urban and Regional Planning/Demography  **M**
- Urban and Regional Planning/International Affairs  **M**
- Urban and Regional Planning/Law  **M**
- Urban and Regional Planning/Public Administration  **M**
- Urban and Regional Planning/ Public Health  **M**

**Combined Degree Program**
- Master of Public Administration  **BA or BS/MPA**

**Certificate Programs**
Certificate in African-American Studies, Undergraduate  
Certificate in Collaboration and Dispute Resolution, Graduate  
Certificate in Demography, Undergraduate  
Certificate in Emergency Management, Undergraduate/Graduate  
Certificate in Florida City and County Management, Graduate  
Certificate in Global Pathways, Undergraduate/Graduate, Interdisciplinary  
Certificate in Health Services Administration and Policy, Graduate  
Certificate in Human Resource Management, Graduate  
Certificate in Latin American and Caribbean Studies, Graduate  
Certificate in Markets and Institutions, Undergraduate  
Certificate in Online Geographic Information Systems, Graduate  
Certificate in Political Economy, Undergraduate  
Certificate in Political Science, Research Intensive, Undergraduate
Certificate in Public Administration, Undergraduate/Graduate
Certificate in Public Financial Management, Graduate
Certificate in Real Estate Development, Graduate
Certificate in Urban and Regional Planning, Undergraduate
Certificate in Urban Design, Graduate

College of Social Work:
http://csw.fsu.edu

Regular Degree Programs

<table>
<thead>
<tr>
<th>Certificate Program</th>
<th>B</th>
<th>M</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Work</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Work/Business Administration</td>
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<tr>
<td>Social Work/Criminology</td>
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<td></td>
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<tr>
<td>Social Work/Law</td>
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<tr>
<td>Social Work/Public Administration</td>
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</tr>
</tbody>
</table>

Certificate Programs

Certificate in Arts and Community Practice, Undergraduate/Graduate
Certificate in Child Welfare Practice, Undergraduate/Graduate
Certificate in Family Social Work Practice, Graduate
Certificate in Gerontology, Undergraduate/Graduate
Certificate in Leadership in Executive and Administrative Development in Social Work, Graduate
Certificate in Social Work in Disaster Recovery, Graduate

Undergraduate Studies, Division of

Certificate Program

Associate in Arts Certificate, Undergraduate

College of Visual Arts, Theatre, and Dance:
http://cvatd.fsu.edu/

Regular Degree Programs

<table>
<thead>
<tr>
<th>Certificate Program</th>
<th>M</th>
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</thead>
<tbody>
<tr>
<td>American Dance Studies</td>
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<tr>
<td>Art Education</td>
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<tr>
<td>Art Therapy</td>
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<tr>
<td>Arts Administration</td>
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<td></td>
<td></td>
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<tr>
<td>Dance</td>
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<tr>
<td>Graphic Design</td>
<td>B</td>
<td></td>
<td></td>
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<tr>
<td>History and Criticism of Art</td>
<td></td>
<td>B</td>
<td>D</td>
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<tr>
<td>Interior Design</td>
<td></td>
<td>B</td>
<td>M</td>
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<tr>
<td>Studio Art</td>
<td></td>
<td>B</td>
<td>M</td>
</tr>
<tr>
<td>Theatre</td>
<td></td>
<td>B</td>
<td>D</td>
</tr>
</tbody>
</table>

Certificate Programs

Certificate in Art Museum Education, Graduate
Certificate in Arts and Community Practice: Art Education, Undergraduate/Graduate
Certificate in Arts and Community Practice: Dance, Undergraduate/Graduate
Certificate in FSU Theatre Academy in London, Undergraduate
Certificate in Global Pathways, Undergraduate/Graduate, Interdisciplinary
Certificate in Museum Studies: Art Education, Graduate
Certificate in Museum Studies: Art History, Graduate
Certificate in Museum Studies: Art, Graduate
Certificate in Museum Studies: Dance, Graduate
Certificate in Museum Studies: Interior Design, Graduate
Certificate in Museum Studies: Theatre, Graduate
Certificate in Theatre Administration and Management, Graduate

Interdisciplinary Programs

Regular Degree Programs

<table>
<thead>
<tr>
<th>Certificate Program</th>
<th>B</th>
<th>M</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American Studies</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American and Florida Studies</td>
<td>B</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Asian Studies</td>
<td>B</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td>B</td>
<td>M</td>
<td>D</td>
</tr>
<tr>
<td>International Affairs</td>
<td>B</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Latin-American and Caribbean Studies</td>
<td>B</td>
<td></td>
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</tr>
<tr>
<td>Materials Science</td>
<td>M</td>
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1 Offered jointly by the College of Music and by the College of Visual Arts, Theatre, and Dance
2 Dual degree program
3 Offered jointly by the College of Arts and Sciences, by the College of Communication and Information, and by the College of Education
4 Offered jointly by the College of Arts and Sciences, by the FAMU-FSU College of Engineering, and by the Graduate School
5 Open to qualified students in any undergraduate major who are accepted into the combined degree program.
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 Weldy  

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 Global Engagement**
- **Center for Leadership & Civic Education**
- **Center for Multicultural Affairs**
- **Dean of Students Department**
- **Greek Life**
- **New Student and Family Programs**
- **Student Disability Resource Center**
- **Student Rights and Responsibilities**
- **Victim Advocate Program**
- **Withdrawal Services**

**Oglesby Union**

- **Art Center**
- **Askew Student Life Center**
- **Crenshaw Lanes**
- **FSU Flying High Circus**
- **Guest Services**
- **Oglesby Gallery**
- **Student Activities Center**
- **Union Board**
- **Union Productions**

**Student Government Association**

**Radio and Television**

**University Counseling Center**

**University Health Services**

**University Housing and Child Development Programs**

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

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

- **Assessment Services**
- **Parking and Bus Services**
- **Bicycle Parking**
- **FSU Police Department**
- **Seminole Dining**
- **StudentsFirst**

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

**Campus Recreation**

The Campus Recreation Department encourages students, faculty, and staff to be involved in recreational sports through its intramural, extramural, aquatic, fitness, challenge ropes, 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; a jogging track, whirlpools and sauna; as well as a health bar. Several weight-training and multipurpose fitness rooms are furnished with state-of-the-art equipment. The **Fitness Program** offers personal training and wellness services and group exercise classes to patrons. Recreational swimming, water safety, and other first-aid and safety non-credit courses are offered year around at the Leach pool. Nearby, students have access to intramural fields, an outdoor track, and tennis courts. The award-winning **Rec SportsPlex** intramural facility on Tyson Road provides over 104 acres of outdoor sports fields and green space. For complete information on all Campus Recreation offerings, see [http://fsu.campusrec.com](http://fsu.campusrec.com).

The **FSU Reservation**, a seventy-three-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 rope course is provided for team building and leadership training. The Reservation has a conference center and limited overnight space available for meetings and retreats for faculty, staff, and students.

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.

The **Intramural (IM) Sports Program** provides opportunities for participation in over forty sports leagues, tournaments, and events annually. 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. Intramural activities are offered at the Main Campus Fields and the Rec SportsPlex outdoor facilities and inside Tully Gym. The program 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.campusrec.com/sport-clubs](http://fsu.campusrec.com/sport-clubs) for a list of clubs.

**Career Center**

The Career Center provides individualized career services to Florida State University students and alumni. The Career Center includes a library offering over 3,000 information resources, private career advising areas, as well as mock interviewing and on-campus recruiting facilities. Career advisers and other staff assist students with a variety of issues, including choosing majors, researching occupations and employers, exploring postgraduate study, and developing job search strategies. No appointment is necessary to speak with a career adviser.

Students can work toward their career goals by using a variety of Career Center tools and services. For students who would like to develop their career planning skills, the Career Center offers SDS 3340, Introduction to Career Development (1-3 credit hours). Those students needing career-related work experience can find internships, cooperative education, part-time/summer jobs, externships, and volunteer opportunities through SeminoleLink, an online jobs database and other Career Center library resources. Students seeking full-time work can use SeminoleLink or attend one of several career exhibitions to network and apply for positions with hundreds of employers nationwide. During the Fall and Spring semesters, students can even interview on campus for internships, co-ops, or full-time positions with employers.

Students in all academic disciplines are encouraged to use the FSU ePortfolio system to document their experiences and skills. Information saved in the portfolio can be used for job or graduate school applications and during interviews. FSU Students and alumni can also use Resumé Builder, available on SeminoleLink, to assist them in creating eye-catching résumés. The Career Center also offers customized mock interviews, allowing students to practice and improve their interviewing performance. Finally, Career Center staff provide workshops covering a variety of topics, such as job searching, writing résumés and cover letters, interviewing, going to graduate school, and more.

The Career Center is located in the Dunlap Student Success Center at the corner of Woodward Avenue and Traditions Way. Our general hours are 8:00 a.m. to 5:00 p.m., Monday through Friday. Drop-in career advising is also available Monday through Friday 9:00 a.m. to 4:30 p.m. and on some Tuesday evenings until 8:00 p.m. during the Fall and Spring semesters. For specific career advising hours or answers to other questions, please call (850) 644-6431 or visit [http://www.career.fsu.edu](http://www.career.fsu.edu).
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 administers a high-school-to-college Summer Bridge Program to encourage college success. Florida State University’s pre-collegiate programs, including the Upward Bound Program and the College Reach Out Program, are administered through the 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.

Pre-Collegiate Programs

The following pre-collegiate programs are provided by the University: College Reach Out Program, University Experience Program, and Upward Bound Program.

For more information, refer to the “Academic Advising and Academic Support Services” chapter of this General Bulletin.

Leadership and Community Service

At Florida State University, leadership, community involvement, and civic responsibility are integral elements of a liberal arts education. The Center for Leadership & Civic Education enhances the education of students for responsible citizenship and effective leadership. The Center offers over twenty-five programs that students can choose from which include: service opportunities, leadership development, and social justice education.

Students are welcome to schedule a meeting with an adviser. ServScript allows students to enhance their official academic transcript by documenting their service hours online. The Center is home to Youth Programs and Jumpstart where FSU mentors can train to work with youth from preschool to high school. The Center also coordinates weekly, student-led Community Outreach Projects that serve area nonprofit agencies. The Center also houses several student leadership and service organizations.

Florida State University and the Center for Leadership & Civic Education host several statewide programs that promote student involvement in community service and civic responsibility in education. Statewide initiatives include the Florida Campus Compact and VISTA.

The Center is the home of the Social Justice Living-Learning Community (SJLLC) located in Wildwood Hall. The SJLLC is designed for freshmen of all majors who desire to understand and practice social justice. The Service Leadership Seminar is another opportunity for incoming freshmen. This seminar provides an opportunity to learn about community service and leadership at FSU. LEAD Plans are designed to develop Leaders Educated to make A Difference. As a result of completing a LEAD Plan, FSU students understand the FSU leadership learning philosophy and resources of the Center. The Center also has an eighteen credit hour Certificate in Leadership Studies—an undergraduate program that is interdisciplinary, multidimensional, experiential and multicultural. The certificate is offered through the Center and the Department of Educational Leadership and Policy Studies. Completion of the certificate will be acknowledged on recipient’s academic transcript.

Lead-Ins at the Rez are overnight retreat style leadership learning experiences hosted by the Center for Leadership & Civic Education. These sessions focus on the development of leadership knowledge, skills, and values, through the four contexts of individuals, partnerships, groups, and communities. The Center also hosts LeaderShape, which occurs annually the first week of May. Students can also get involved in the Noles Leadership Book Club and learn more about leadership service.

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 Leadership & Civic Education, Division of Student Affairs, Dunlap Student Success Center, 100 S. Woodward Avenue, Tallahassee, FL 32306; (850) 644-3342; Fax (850) 644-3362; Web site: http://www.thecenter.fsu.edu; e-mail: thecenter@admin.fsu.edu.

Dean of Students Department

The primary focus of the Dean of Students Department 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 and students in crisis. 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 4100 UCA, call (850) 644-2428 or (850) 644-8504 (TDD), 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 disability-related issues. The SDRC also provides academic support services such as extra time on exams, readers, note-takers, alternate texts, and sign language interpreters. The SDRC provides on-campus transportation for persons with mobility impairments and maintains the Theodore and Vivian Johnson Adaptive Technology Lab, a facility that houses computers and adaptive equipment to help students with disabilities successfully meet the requirements of their academic programs. Any student in need of specific services and reasonable accommodation should contact the Student Disability Resource Center, 108 Student Services Building, or call (850) 644-9566 or (850) 644-8504 (TDD), or visit http://www.disabilitycenter.fsu.edu.

All new undergraduate students are required to attend an orientation, advisement, and registration session coordinated by the Dean of Students Departments’ Office of New Student & Family Programs. 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, comprised of 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 at FSU 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. New Student & Family Programs 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.nspf.fsu.edu.

The Office of Greek Life advises and advocates for thirty-one fraternities, twenty-six sororities. These fifty-seven organizations are divided into the following governing councils: twenty-three chapters of the Interfraternity Council (IFC), eleven chapters of the Multicultural Greek Council (MGC), two chapters of the National Pan-Hellenic Council (NPHC), and sixteen chapters of the Panhellenic Association. Fraternities and sororities at Florida State University provide students with an opportunity to establish community and build a strong support group while furthering the ideals of scholarship, leadership, service, and social development. These organizations have been an integral part of the holistic education and development of students since 1904. For more 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 students can be found in the Florida State University Student Handbook and the “Academic Regulations” chapter of this General Bulletin. For more information regarding student judicial procedures, call (850) 644-5136, or visit http://www.srr.fsu.edu.

The Withdrawal Services staff provides support to students and their families when a student’s enrollment is unexpectedly interrupted for personal, medical, or mental health reasons, and/or other crisis. The Withdrawal staff explains the withdrawal application process and its various stages, evaluates fee and grade liability for completed coursework, refers students to their Academic Dean and offers other University support services as needed, notifies each student of the final decision, and maintains a University record of the completed withdrawal. After meeting with the Withdrawal Services staff, students should expect to spend time in discussion with their Academic Dean about the implications of withdrawing, the viability of an extension of enrollment, and any alternative academic options that may exist. Academic Deans and their staff possess the authority to decide and approve student withdrawals from a semester of enrollment. For more information call (850) 644-1741 or http://withdrawal.fsu.edu.
Center for Global Engagement (CGE)

The Mission of the Center for Global Engagement (formerly the International Center) is to facilitate international diversity and foster global understanding and awareness within the FSU community.

The CGE plays a key role in internationalization initiatives of Florida State throughout international programs on campus. The services offered include emotional support, court accompaniment and crisis intervention, 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.

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Oglesby Union, Askew Student Life Center, and FSU 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 centers; and immigration services for students, faculty, and staff.

Located at 110 South Woodward St., P.O. Box 3064216, Tallahassee, FL, 32306-4216, the Center for Global Engagement is open weekdays from 8:00 a.m. to 5:00 p.m. and can be reached by phone: (850) 644-1702, fax: (850) 644-9951, e-mail: cge@admin.fsu.edu, or online: http://cge.fsu.edu.

Student Government

The Student Government Association (SGA) is the student’s voice at Florida State University. SGA allocates approximately $13 million of activity and service fees. These funds support the Leach Center, Oglesby Union, activities of the student senate, the executive branch, student government agencies, and numerous student organizations and university units. Elected and appointed officials enjoy many opportunities to acquire leadership and administrative skills and to serve their fellow students and the university. For more information, call (850) 644-1811 or stop by 205 Oglesby Union.

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

The Student Government Association funds or partially funds the Oglesby Union, Campus Recreation, COGS, homecoming, the SGA lecture series, the Asian-American Student Union, the Black Student Union, the Center for Participant Education, the Hispanic/Latino Student Union, the Institute for Conservative Studies, the Institute for Liberal Studies, the Inter-Residence Hall Council, the Jewish Student Union, Pride, the Women’s Center, Service Corps, Alumni-Village Childcare, the Environmental Service Program, First Responders, Men Advocating Responsible Conduct (MARC), SAFE (escort service), the SGA Publications Office, WVFS V-89 (student-run radio station), and hundreds of student organizations. For more information on these offices or services, please come by 205 Oglesby Union or visit our Web site, at http://www.sga.fsu.edu.

Oglesby Union, Askew Student Life Center, and FSU 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 centers; student organization offices; meeting rooms; auditorium; and ballrooms. The Oglesby Union Complex is also home to student campus post office, UPS Store, 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 Oglesby Union comprises multiple departments providing services, support, and programming for the university community. The Art Center offers a variety of classes and programs including Paint-a-Pot, Art in Low Places, and a full-service frame shop. You can enjoy rotating exhibits and art work at the Oglesby Gallery, located on the second floor of the Oglesby Union in the Krentzman Lounge. Crenshaw Lanes has been a tradition at FSU since 1964. Featuring twelve bowling lanes and ten billiards tables, Crenshaw Lanes provides fun and healthy activities for FSU students. The Union provides space that can be reserved for a variety of events through the Guest Services department. Space may be reserved for meetings, conferences, social events, dances, and banquets. Recognized Student Organizations may request space by stopping by the Guest Services office in the Krentzman Lounge of Oglesby Union, visiting them online at http://unionreservations.fsu.edu or by calling them at (850) 644-6083.

Center for Global Engagement (CGE)

The Mission of the Center for Global Engagement (formerly the International Center) is to facilitate international diversity and foster global understanding and awareness within the FSU community.

The CGE plays a key role in internationalization initiatives of Florida State throughout international programs on campus. The services offered include emotional support, court accompaniment and crisis intervention, 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.

Create your FSU Experience is the new slogan for The Student Activities Center (SAC). Located on the third floor of the Oglesby Union, Activities Building, SAC is your direct connection to getting involved on campus. Over 500 student organizations are recognized annually by Student Activities Departments within the SAC include Student Organization Services (SOS), Union Productions (UP), Market Wednesdays and Special Event Planning (SEP). The Student Activities Center is also home to Homecoming and Dance Marathon. Resources for students include copying, faxing, storage space, campus mailboxes, and meeting space all in room A305 Oglesby Union.

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 an array of bands, comedians, and special events through the Oglesby Union’s hotspots—The Club Downunder, and other venues on and off campus.

The Askel Student Life Center (ASLC) is home to one of the nation’s leading campus movie programs, showing a variety of films each week in the 380 seat Student Life Cinema. While at the ASLC, check out the Cyber Cafe where you can enjoy video and computer gaming or get a drink and treat at Grind House. The Congress of Graduate Students (COGS), the National Pan-Hellenic Council (NPHC), University Housing, and the Counseling Center are all located in the ASLC. Florida State University’s Flying High Circus, a component of the union, is one of only two collegiate circuses in the nation. Founded in 1947, the circus has delighted audiences at home and abroad with performances such as juggling, balancing, and aerial acts. Students work as their own riggers, put up the big top, spread sawdust, and string lights. The Flying High Circus performs on campus in the Fall, during Parents’ Weekend, and in the Spring, for the Annual Home Show Series.

The Oglesby Union Board represents the university community to ensure that the facilities, services, and amenities offered by the Oglesby Union Complex meet the needs and interests of their constituents. The Board is made up of twelve students, two faculty, two staff, and one alumnus. Union Board elections take place in the Spring semester. The Union Board office is located in the SAC (A305).

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 both veterans and their dependents by providing certification of enrollment for VA educational benefits as well as other community resource information. Students who may be eligible for benefits are encouraged to contact the Office of Veterans’ Affairs to initiate, change, or renew benefits at Florida State University as soon as possible each semester. The Office of Veterans’ Affairs is located within the Office of the University Registrar. For more information, please visit 3900 UCA, call (850) 644-1252, fax (850) 644-1597, e-mail veteran@admin.fsu.edu, or visit http://registrar.fsu.edu/services/veterans/.

Radio and Television

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

Florida State University students interested in a career in broadcasting are encouraged to participate in the station’s 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 operations, 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 and Information, it serves two purposes: to support the students’ 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 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, but no experience is required. WVFS recruits for all positions three times a year, always during the first week of each semester; listen to 89.7 FM for details.

**Health Care**

**University Health Services (UHS)** provides primary out-patient medical care to eligible FSU students and their dependents age thirteen years and older. Currently enrolled, fee-paying students are not charged for illness or injury office visits. Additional services such as procedures, lab, X-ray, and physical therapy are provided at a fee. UHS will bill the student’s insurance for any charges incurred. Services include general medical care, women’s care, psychiatry, allergies, injectable medications, immunizations, nutrition, health promotion, allergy injection clinic, immunizations, nutrition, health promotion, and treatment services for the campus community.

All students must meet State Board of Education immunization requirements. Immunization requirements are explained on the second page of the health history form. The health history form can be found at [http://www.uhs.fsu.edu](http://www.uhs.fsu.edu) on the Forms page. Immunization documentation and health history forms must be submitted to the Health Compliance Office in sufficient time to be processed before the student will be able to register for classes.

The Health Promotion Department is dedicated to assisting FSU students in their academic success through individual, group, and population-based health and wellness initiatives. The Health Promotion Department also addresses the Healthy Campus 2020 Mission. To maximize campus wellness, we support academic and personal success by:

- **Addressing environmental factors that reduce risk**
- **Educating about healthy lifestyles**
- **Promoting positive choices and behaviors**
- **Providing a coordinated continuum of care**

The Health Promotion Department also offers internships and educational opportunities. The UHS Health Promotion Department mentors, trains, and advises peer health educators while encouraging creativity and leadership. The peer health educators:

- Advocate for health and wellness to all FSU students under the auspices of Healthy Campus 2010/2020
- Function as an extension of UHS’ Health Promotion Department, assisting with collective goals and objectives
- Create and deliver sustainable outreach and prevention initiatives
- Make healthy and safe lifestyle decisions and avoid high-risk behaviors
- Encourage their friends to develop responsible habits and attitudes toward high-risk health and issues

Students can also become nationally certified peer health educators through affiliation with the BACCHUS Network, a university and community based comprehensive health and safety initiatives. All students are encouraged to visit the University Health Services Web site at [http://www.uhs.fsu.edu](http://www.uhs.fsu.edu) for more complete information, or call (850) 644-6230 or (850) 644-8871.

**Counseling Services**

The **University Counseling Center (UCC),** a department in the Division of Student Affairs, provides counseling services and programs to help students resolve psychological issues and personal concerns that interfere with academic progress, social development, and emotional well-being. Our goal is to help students function to the best of their abilities and make the most of their years at FSU. Services are free to all currently enrolled FSU students and include time-limited individual counseling, unlimited group therapy, crisis intervention, consultation, and referrals.

Outreach presentations on mental-health topics and life skills are available to students, residence halls, student organizations, faculty and staff. Those interested can complete the online request form at [http://www.counseling.fsu.edu](http://www.counseling.fsu.edu). The UCC is a sponsor of Safe Zone, an ally organization for lesbian, gay, bisexual and transgender individuals. The UCC also sponsors **RENEW (Realizing Everyone’s Need for Emotional Wellness),** a peer-educator student organization whose mission is the promotion of emotional health and coping skills to FSU students.

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. Confidential information will not be released to anyone without written permission, unless there appears to be clear and imminent danger to the student or others.

Students who are aware that they will require longer-term treatment are encouraged to make arrangements for private care in the community before entering the University. However, if necessary, the University Counseling Center’s staff will make referrals for ongoing treatment in the Tallahassee community. Treatment outside the center will be at the student’s expense.

The University Counseling Center is located in the **Askew Student Life Center, Suite 201.** To schedule an appointment, call (850) 644-2003 or visit our office Monday through Friday between 8:00 a.m. and 5:00 p.m. Additional information is available on our Web site at [http://www.counseling.fsu.edu](http://www.counseling.fsu.edu). 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 at the end of the new Psychology Department Building, C122 PDB. Hours are Monday–Thursday from 8:00 a.m. to 9:00 p.m., and Friday from 8:00 a.m. to 4:00 p.m.

**Housing**

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

**Child Care**

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

FSUCDP also provides sites for research by faculty members and graduate students in a variety of areas as well as a laboratory setting in which students may observe or work with young children. For additional information, contact FSU Child Development Programs, 103 Askew Student Life Center, 942 Learning Way, P.O. Box 3064174 Tallahassee, FL 32306-4174, (850) 644-2860, or visit the Web site at http://www.childcare.fsu.edu.

The FSU Children’s Center, located at 169 Herlong Drive, provides, for a fee, an early learning program for children two and one-half to five years of age. The hours are from 7:30 a.m. to 5:30 p.m. Monday through Friday 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 weeks to two and one-half 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.

Assessment Services
For information concerning Assessment Services, please refer to the ‘Office of Distance Learning’ section in “The University” chapter of this General Bulletin.

Parking and Bus Services
The Office of Transportation Services is responsible for the administration of the parking and transportation program on campus. The University requires students, staff, faculty, and visitors who want to park on campus to display a valid Florida State University parking permit. Permit enforcement hours are from 7:30 a.m. to 4:30 p.m., Monday through Friday. All other parking regulations are enforced twenty-four hours a day. Temporary permits are distributed, when needed, by Transportation Services located at University Center C5406, 8:00 a.m. to 5:00 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.

Paying 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. The Seminole Express has five routes that serve on and off campus locations. The buses operate from 7:00 a.m. to 7:00 p.m., Monday through Friday during the Fall and Spring semesters, and from 7:00 a.m. to 5:00 p.m. in the summer. Students with valid FSUCard IDs may ride the ‘Free Fare’ on the buses of StarMetro (city of Tallahassee public transportation) to any of the designated bus stops within the city. For more information about parking and bus services please visit: http://parking.fsu.edu.

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; or along a fence
- 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 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 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 Transportation, UCC 5406, Tallahassee, FL 32306-2532. FSU ALERT is Florida State University’s emergency notification system. If there is a condition which threatens the health and safety of persons on campus, university officials will warn the campus community using one or more of the available twenty-eight methods.

Seminole Dining
Seminole Dining offers a variety of dining options for students, faculty, staff and guests. Choose from national brand favorites.

- Residential Restaurants – featuring unlimited servings of freshly made-to-order food.
- Figg Players Dining Room – University Center D
- Fresh Food Company – between Stone Building and Salley Hall
- Suwannee Room – William Johnston Building between Bryan and Reynolds Hall
- Retail Locations
  - Energy Zone – Bobby E. Leach Recreation Center, Oglesby Union
  - Chili’s – Oglesby Union
  - Einstein Bros. Bagels – Oglesby Union
  - Freshens – Bobby E. Leach Recreation Center, Oglesby Union
  - Miso Sushi and Noodle Bar – Oglesby Union
  - Papa John’s – Oglesby Union
  - Pollo Tropical – Oglesby Union
  - Salad Creations – Oglesby Union
  - Subway – Oglesby Union
  - Denny’s All Nighter – Woodward and Traditions Way in Student Services Building
- Convenience Store
  - Trading Post – Oglesby Union
  - Starbucks
  - Barrister’s Bistro – College of Law
  - College of Medicine
  - Strozier Library
  - Wildwood and Woodward Avenue

All dining locations accept cash, Garnet Bucks, Flex Bucks, Visa, MasterCard, and the FSUCard. Meal Plans (prepaid amount of meals) are available at The Suwannee Room, Fresh Food Company, and Figg Players Dining Room (Lunch Only). Visit the Customer Service Office to sign up for a Meal Plan 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.
Students First

Students First is an information and service counter located on the ground floor of University Center A. Students can ask questions about financial aid, registration, fee payments, admissions, and anything regarding Florida State University. The Students First staff will assist students in the most convenient manner to solve their respective concern or issue.

Available at University Center A, Leach Center, and at University Health Services. Students First Web Service kiosks provide students with access to a variety of information regarding their current status. The kiosks allow students to access their semester grades, unofficial transcripts, class schedules, and student account statements, and enable students to change their address, view the status of their financial aid disbursement, and make payments online. For more information, please visit our Web site at http://www.studentsfirst.fsu.edu.

Center for Multicultural Affairs

The mission of the Center for Multicultural Affairs (CMA) at Florida State University is to create a welcoming environment that is inclusive of all students. To that end, the Center for Multicultural Affairs provides advocacy, support services, and culturally based programs that educate students on diversity and multiculturalism and empowers them to be agents of social change in an increasingly diverse and global community.

The Center for Multicultural Affairs is committed to the philosophy that multiculturalism enhances the quality of student life. The goal of CMA is to:

• Aid students as they explore their multiple identities, including race/ethnicity, class, gender identity, nationality, disability, religion/spirituality, and sexual orientation.
• Promote a welcoming environment for community partnerships between students, staff, faculty, and administrators.
• Encourage opportunities for student collaboration on projects such as programs, committees, and task forces.
• Foster a respect for and appreciation for the history, tradition, and cultures of all of our students within the FSU community.

Some of our programs include the:

• Multicultural Gathering and Showcase
• Annual Cultural Celebrations, including Hispanic Heritage, American Indian, Black History, and Asian American Heritage Months
• Annual Dr. Martin Luther King Jr. Commemorative Celebration
• Dr. Martin Luther King Jr. Book Stipend, the Seth Rossetti Memorial Scholarship, and the Angie Cintron Memorial Scholarships
• Ambassadors for Multicultural Affairs Program
• Dr. Antonia Pantoja Scholars Program
• FSUnity Day
• CMA Graduation and Recognition Ceremony
• Multicultural Leadership Summit

For more information, please contact the Center for Multicultural Affairs at (850) 644-2450.
Courses in this General Bulletin are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and twenty-five participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online Statewide Course Numbering System to obtain course descriptions and specific information about course transfer between participating Florida institutions. This information is available on the SCNS Web site, at http://scns.fldoe.org.

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 the type of institution and discipline field or specialization.

Course Prefixes and Numbers

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System. The listing of prefixes and associated courses is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course profiles.”

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category 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. The course number is a four-digit designator for the course level (first digit), century (second digit), decade (third digit), and unit (last digit). In the sciences and certain 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 that has the same prefix and course number but meets at a different time or place.

Example of Course Identifier

For example, a freshman composition skills course is offered by fifty-six different postsecondary institutions. Each institution uses “ENC_101” to identify its freshman composition skills course.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code</th>
<th>Century Digit</th>
<th>Decade Digit</th>
<th>Unit Digit</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

In the SCNS taxonomy, “ENC” means “English Composition.”

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code</th>
<th>Century Digit</th>
<th>Decade Digit</th>
<th>Unit Digit</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>1</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, as listed below in “Exception to the General Rule for Equivalency.” Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. 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 the 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. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions.

For example, ENC 1101 is offered at a community college. The same course is offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at the community college is guaranteed to receive transfer credit for ENC 2101 at the state university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101.

Note: Credit granted at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on semester-term systems. For example, 4.0 quarter hours often transfers as 2.67 semester hours.

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

Since the initial implementation of the SCNS, specific disciplines or types of courses have been excepted from the guarantee of transfer for equivalent courses. These include courses that must be evaluated individually or courses in which the student must be evaluated for mastery of skill and technique. 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. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course in question.
C. Courses in the 900-999 series are not automatically transferable, and must be evaluated individually. These include such courses as Special Topics, Internships, Apprenticeships, Practica, Study Abroad, Theses and Dissertations
D. College preparatory and vocational preparatory courses
E. Graduate courses
F. Internships, apprenticeships, practica, clinical experiences, and study abroad courses with numbers other than those ranging from 900-999
G. Applied courses in the performing arts (Art, Dance, Interior Design, Music, and Theatre) and skills courses in Criminal Justice (accreditation certificate courses) are not guaranteed as transferable. These courses require evidence of achievement (e.g., portfolio, audition, interview, etc.).

Courses at Nonregionally Accredited Institutions

The SCNS makes available on its home page (http://scns.fldoe.org) a report entitled “Courses at Nonregionally Accredited Institutions” that contains a comprehensive listing of all nonprofit institution courses in the SCNS inventory, as well as each course’s transfer level and transfer effective date. This report is updated monthly.
SCNS Contact Information

Questions about the SCNS and appeals regarding course credit transfer decisions should be directed to Melissa Crawford in the Office of the Dean of the Faculties or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400.

Special reports and technical information may be requested by calling the Statewide Course Numbering System office at (850) 245-0427 or 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 school, department, and/or program(s) offering that course subject. The schools, departments, and/or 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>APK</td>
<td>Applied Kinesiology</td>
<td>Education Psychology and Learning Systems, Nutrition, Food, and Exercise Science</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</td>
</tr>
<tr>
<td>ASH</td>
<td>Asian History</td>
<td>Classics, History</td>
</tr>
<tr>
<td>ASL</td>
<td>American Sign Language</td>
<td>Communication Science and Disorders</td>
</tr>
<tr>
<td>ASN</td>
<td>Asian Studies</td>
<td>Asian 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</td>
</tr>
<tr>
<td>BME</td>
<td>Biomedical Engineering</td>
<td>Chemical and Biomedical Engineering</td>
</tr>
<tr>
<td>BMS</td>
<td>Basic Medical Sciences</td>
<td>Medicine, Biomedical Sciences</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, Real Estate, and Legal Studies</td>
</tr>
<tr>
<td>CAP</td>
<td>Computer Application Development</td>
<td>Computer Science, Scientific Computing</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, Public Safety and Security</td>
</tr>
<tr>
<td>CDA</td>
<td>Computer Design/Architecture</td>
<td>Computer Science, Criminology and Criminal Justice</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>Accounting, Computer Science, Educational Leadership and Policy Studies, Library and Information Studies, Teacher Education</td>
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<tr>
<td>CHD</td>
<td>Child Development</td>
<td>Family and Child Sciences</td>
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<tr>
<td>CHI</td>
<td>Chinese</td>
<td>Modern Languages and Linguistics</td>
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<tr>
<td>CHM</td>
<td>Chemistry</td>
<td>Chemistry and Biochemistry</td>
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<tr>
<td>CHT</td>
<td>Chinese Literature in Translation</td>
<td>Modern Languages and Linguistics</td>
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<tr>
<td>CIS</td>
<td>Computer Science and Information Systems</td>
<td>Computer Science, Criminology and Criminal Justice</td>
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<tr>
<td>CJC</td>
<td>Corrections</td>
<td>Criminology and Criminal Justice</td>
</tr>
<tr>
<td>CJE</td>
<td>Law Enforcement</td>
<td>Criminology and Criminal Justice, Public Safety and Security</td>
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<tr>
<td>CJJ</td>
<td>Juvenile Justice</td>
<td>Criminology and Criminal Justice</td>
</tr>
<tr>
<td>CJL</td>
<td>Law and Process</td>
<td>Criminology and Criminal Justice</td>
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<tr>
<td>CLA</td>
<td>Classical and Ancient Studies</td>
<td>Classics, History</td>
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<tr>
<td>CLP</td>
<td>Clinical Psychology</td>
<td>Psychology</td>
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<tr>
<td>CLT</td>
<td>Classical Literature in Translation</td>
<td>Classics</td>
</tr>
<tr>
<td>CNT</td>
<td>Computer Networks</td>
<td>Computer Science</td>
</tr>
<tr>
<td>COA</td>
<td>Home Economics: Consumer Affairs</td>
<td>Retail Merchandising and Product Development</td>
</tr>
<tr>
<td>COM</td>
<td>Communication</td>
<td>Communication</td>
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<tr>
<td>COP</td>
<td>Computer Programming</td>
<td>Computer Science, Criminology and Criminal Justice, Library and Information Studies, Management</td>
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<td>COT</td>
<td>Computing Theory</td>
<td>Computer Science</td>
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<td>CPO</td>
<td>Comparative Politics</td>
<td>Political Science</td>
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<td>CPS</td>
<td>Comparative Policy Studies</td>
<td>Social Science</td>
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<td>CRW</td>
<td>Creative Writing</td>
<td>English</td>
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<td>CTE</td>
<td>Home Economics: Clothing, Textiles and Merchandising</td>
<td>Retail Merchandising and Product Development, Interior Design</td>
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<td>CWR</td>
<td>Civil Water Resources</td>
<td>Civil and Environmental Engineering</td>
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<td>DAA</td>
<td>Dance, Emphasis on Activities</td>
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<td>DAE</td>
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<td>Dance</td>
<td>Dance</td>
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<td>DEM</td>
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<td>Sociology</td>
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<td>DEP</td>
<td>Developmental Psychology</td>
<td>Educational Psychology and Learning Systems, Psychology</td>
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<tr>
<td>DIE</td>
<td>Dietetics</td>
<td>Nutrition, Food, and Exercise Sciences</td>
</tr>
<tr>
<td>Course Prefixes and Definitions</td>
<td>Locations</td>
<td></td>
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<tr>
<td>--------------------------------</td>
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<tr>
<td>DIG Digital Media</td>
<td>Art</td>
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<td></td>
<td>Scientific Computing</td>
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<td>DSC Domestic Security</td>
<td>Public Safety and Security</td>
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<tr>
<td>EAB Experimental Analysis of Behavior</td>
<td>Psychology</td>
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<tr>
<td>EAP English as a Second Language for Academic Purposes</td>
<td>Teacher Education</td>
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<td>EBD Education: Emotional/Behavioral Disorders</td>
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<tr>
<td>ECH Engineering: Chemical</td>
<td>Chemical and Biomedical Engineering</td>
<td></td>
</tr>
<tr>
<td>ECO Economics</td>
<td>Economics</td>
<td></td>
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<tr>
<td>ECP Economic Problems and Policy</td>
<td>Economics, Finance</td>
<td></td>
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<tr>
<td>ECS Economic Systems and Development</td>
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<tr>
<td>ECT Education: Career/Technical</td>
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<td>EDE Education: Elementary</td>
<td>Teacher Education</td>
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<td>EDF Education: Foundations and Policy Studies</td>
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<td>EDG Education: General</td>
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<td>Sociology</td>
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<tr>
<td>SYG</td>
<td>Sociology: General</td>
<td>Sociology</td>
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<tr>
<td>SYO</td>
<td>Social Organization</td>
<td>Sociology</td>
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<tr>
<td>SYP</td>
<td>Social Processes</td>
<td>Educational Psychology and Learning Systems, Sociology</td>
</tr>
<tr>
<td>TAX</td>
<td>Taxation</td>
<td>Accounting</td>
</tr>
<tr>
<td>THE</td>
<td>Theatre Studies and General Resources</td>
<td>Theatre</td>
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<tr>
<td>TPA</td>
<td>Theatre Production and Administration</td>
<td>Theatre</td>
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<tr>
<td>TPF</td>
<td>Theatre Performance and Performance Training</td>
<td>Theatre</td>
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<tr>
<td>TSL</td>
<td>Teaching English as a Second Language</td>
<td>Teacher Education</td>
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<td>TTE</td>
<td>Transportation Engineering</td>
<td>Civil and Environmental Engineering</td>
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<tr>
<td>URP</td>
<td>Urban and Regional Planning</td>
<td>Urban and Regional Planning</td>
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<tr>
<td>URS</td>
<td>Urban and Regional Studies</td>
<td>Urban and Regional Planning</td>
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<tr>
<td>VIC</td>
<td>Visual Communication</td>
<td>Communication</td>
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<tr>
<td>WOH</td>
<td>World History</td>
<td>History</td>
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<tr>
<td>WST</td>
<td>Women's Studies</td>
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<tr>
<td>ZOO</td>
<td>Zoology</td>
<td>Biological Science</td>
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</tbody>
</table>
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- Bruce Janasiwicz, Associate Dean of Undergraduate Studies
- Bruce Janasiwicz, Director of Community College and Interinstitutional Relations
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- Laura Lang, Director of Learning Systems Institute
- Karen L. Laughlin, Dean of Undergraduate Studies
- Joseph Lazor, Director of Technology Security and Administration
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- James Mathes, Director of University Honors Program
- TBA, Associate Vice President for Academic Affairs
- James E. Pitts, Director of International Programs
- Tadarrayl Starke, Director of Center for Academic Retention and Enhancement (CARE)
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Senior Vice President for Finance and Administration:

http://www.vpfa.fsu.edu

- John R. Carnaghi, Senior Vice President of Finance and Administration
- Ralph Alvarez, Associate Vice President for Budget, Planning and Financial Services
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- Michael Lake, Director of University Budgets
- Randy McCausland, Director of ERP Infrastructure and Information Services
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- TBD, Associate Vice President for Administration
- Michael Williams, University Controller
- Mary Wilkes, Director of the Employee Assistance Program

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- Andy Miller, President of the Seminole Boosters, Inc.
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http://provost.fsu.edu/vppp/

- Robert B. Bradley, Vice President for Planning and Programs
- M. Elaine Costa, Senior Executive Support Assistant
- Ruth Feiock, Associate to the Vice President
- William Lindner, Director of the Center for Academic and Professional Development
- Kayce Morton, Director of Institutional Effectiveness
- Susann Rudesill, Director of the Office of Distance Learning
- Kenneth Shaw, Dean of College of Applied Studies, Panama City Campus, FL
- Julia Zimmerman, Dean of University Libraries

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http://studentaffairs.fsu.edu/

- Mary B. Coburn, Vice President for Student Affairs
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- William (Bill) Clutter, Director of Oglesby Union
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- Cynthia (Cindy) Green, Director of Center for Global Engagement
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- Tadarrayl Starke, Director of Center for Academic Retention and Enhancement (CARE)
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- Elizabeth Maryanski, Vice President for University Relations
- Browning Brooks, Strategic Communications Advisor
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- Tom Hunt, Interim Director of News and Research Communications
- Tom Hunt, Event Coordinator
- Patrick Keating, General Manager of Broadcast Center
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- Donna McHugh, Assistant Vice President for Community Relations
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- Dennis Schnittker, Director of Visual Media and Promotions
- Aimee Wirth, Special Events Coordinator
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http://www.research.fsu.edu

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• Gregory S. Boebinger, Director of National High Magnetic Field Laboratory
• Raymond Bye, Director of Federal Relations and Economic Development
• Dave Cartes, Director of the Institute for Energy Systems, Economics, and Sustainability (IESES)
• Felicia C. Coleman, Director of FSU Coastal and Marine Laboratory
• Steinar J. Dale, Director of the Center for Advanced Power Systems (CAPS)
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• W. Ross Ellington, Associate Vice President and Greenburg Professor of Biological Science
• John A. Fraser, Assistant Vice President for Research and Executive Director of IP Development and Commercialization
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• Olivia H. Pope, Assistant Vice President for Research
• Gus Ray, Senior Director of Corporate and Foundation Relations
• Lexlee Richerson, Executive Support Assistant
• Elizabeth (Betty) Southard, Legal Counsel
• Gregory W. Thompson, Director of Sponsored Research Services

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• Frank Patterson, College of Motion Picture Arts: http://film.fsu.edu/
• Don Gibson, College of Music: http://music.fsu.edu/
• Dianne Speake, Interim, College of Nursing: http://nursing.fsu.edu/
• David W. Rasmussen, College of Social Sciences and Public Policy: http://www.coss.fsu.edu/
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Distinguished Faculty

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Distinguished Research Professors

Harper, William C., MS, Distinguished Research Professor, 1990–1991, Professor of Studio
Art (Retired)
O’Brien, James J., PhD, Texas A&M; Distinguished Research Professor, 1990–1991,
Robert O. Lawton Distinguished Professor, 1999–2000, Professor of Meteorology and
Oceanography, and Russian Academy of Natural Science (Retired)
Tam, Christopher K. W., PhD, California Institute of Technology; Distinguished Research
Professor, 1990–1991, Robert O. Lawton Distinguished Professor, 2000–2001, Professor of
Mathematics and Mechanical Engineering
Eisenberg, Daniel, PhD, Brown; Distinguished Research Professor, 1991–1992, Professor
of Modern Languages (Resigned)
Loper, David E., PhD, Case Western Reserve; Distinguished Research Professor, 1991–
1992, George W. DeVore Professor of Geological Sciences, 1999, and Director, Geophysical
Fluid Dynamics Institute (Retired)
Parker, Glenn R., PhD, California; Distinguished Research Professor, 1991–1992, Professor
of Political Science
Benson, Bruce L., PhD, Texas A&M; Distinguished Research Professor, 1992–1993,
Professor of Economics
Graziadei, Pasquale P., MD, Pavia, Italy; Distinguished Research Professor, 1992–1993,
Professor of Biological Science (Retired)
Sumners, Dewitt L., PhD, Cambridge; Distinguished Research Professor, 1992–1993,
Robert O. Lawton Distinguished Professor, 1997–1998, and Professor of Mathematics
(Retired)
Kemper, Kirby W., PhD, Indiana; Distinguished Research Professor, 1993–1994, John David
Fox Professor of Physics, 2000, and Robert O. Lawton Distinguished Professor, 2002–2003
(Retired)
Nam, Charles B., PhD, North Carolina; Distinguished Research Professor, 1993–1994,
Professor of Sociology (Retired)
Turner, Ralph V., PhD, Johns Hopkins; Distinguished Research Professor, 1993–1994,
Service Professor of History (Retired)
Bryant, John L., PhD, Georgia; Distinguished Research Professor, 1994–1995, Professor of
Mathematics (Retired)
Freeman, Marc E., PhD, West Virginia; Distinguished Research Professor, 1994–1995,
Lloyd M. Beidler Professor of Biological Science, 2000 (Retired)
Owens, Joseph F., III, PhD, Tufts; Distinguished Research Professor, 1994–1995, Chair and
Guenter Schwarz Professor of Physics, 2000
Hollander, Myles, PhD, Stanford; Distinguished Research Professor, 1995–1996, Robert O.
Lawton Distinguished Professor, 1998–1999, and Professor of Statistics
James, Frances C., PhD, Arkansas; Distinguished Research Professor, 1995–1996,
Pasquale Grazidei Professor of Biological Science, 1999 (Retired)
Stern, Melvin E., PhD, Massachusetts Institute of Technology; Distinguished Research
Professor, 1995–1996, V. W. Ekman Professor of Oceanography, and National Academy of
Sciences (Deceased)
Pfeffer, Richard, PhD, Massachusetts Institute of Technology; Distinguished Research
Professor, 1996–1997, Carl-Gustaf Rossby Professor of Meteorology (Retired)
Torgesen, Joseph, PhD, Michigan; Distinguished Research Professor, 1996–1997, Robert
M. Gagne Professor of Psycology and Education, 2000, and Professor of Psychology
(Retired)
Van Sciver, Steven W., PhD, Washington; Distinguished Research Professor, 1996–1997,
Professor of Mechanical Engineering
Hagopian, Vasken, PhD, Pennsylvania; Distinguished Research Professor, 1997–1998,
Joseph E. Lannutti Professor of Physics, 1999 (Retired)
Myles, John F., PhD, Wisconsin; Distinguished Research Professor, 1997–1998, Professor
of Sociology
Nicholson, Sharon E., PhD, Wisconsin; Distinguished Research Professor, 1997–1998,
Heinz and Katharina Lettau Professor of Climatology, 2002, and Professor of Meteorology
Balkwill, David L., PhD, Pennsylvania State; Distinguished Research Professor, 1998–1999,
Professor of Biological Science
Hirsh, Barry T., PhD, Virginia; Distinguished Research Professor, 1998–1999, Professor of
Economics
Marshall, Alan George, PhD, Stanford; Distinguished Research Professor, 1998–1999,
Kasha Professor of Chemistry, 1999
Gontarski, Stanley E., PhD, Ohio State; Distinguished Research Professor, 1999–2000,
Sarah Herndon Professor of English, 1999
Holton, Robert A., PhD, Florida State; Distinguished Research Professor, 1999–2000,
Matthew Suffness Professor of Chemistry, 2002
Clarke, Allan J., PhD, Cambridge; Distinguished Research Professor, 2000–2001, Adrian E.
Gill Professor of Oceanography, 2001
Cross, Timothy A., PhD, Pennsylvania; Distinguished Research Professor, 2000–2001, Earl
Frieden Professor of Chemistry and Biochemistry, 2002
Olsen, Dale A., PhD, California at Los Angeles; Distinguished Research Professor, 2000–
2001, Professor of Music (Retired)
Fenstermaker, John J., PhD, Ohio State; Distinguished Research Professor, 2001–2002,
Distinguished Teaching Professor, 2000–2001, Fred L. Standley Professor of English, 2002
(Retired)
Tabor, Samuel, PhD, Stanford; Distinguished Research Professor, 2001–2002, Professor of
Physics
Taylor, Kenneth A., PhD, California at Berkeley; Distinguished Research Professor 2001–
2002, Professor of Biological Science
Dalal, Nar S., PhD, British Columbia; Dirac Professor of Chemistry, 2001, Distinguished
Research Professor, 2002–2003, and Chair of Chemistry
Nof, Doron, PhD, Wisconsin; Distinguished Research Professor, 2002–2003, and Fridtjof
Nansen Professor of Oceanography, 2001
Tschinkel, Walter R., PhD, California at Berkeley; Distinguished Research Professor, 2002–
2003, and Margaret Y. Menzel Professor of Biological Science, 1999

Berkley, Karen J., PhD, Washington; Distinguished Research Professor, 2003–2004,
McKenzie Professor and Professor of Psychology (Retired)
Perrewe, Pamela L., PhD, Nebraska; Distinguished Research Professor, 2003–2004, and
Professor of Management
Standley, Jayne M., PhD, Florida State; Distinguished Research Professor, 2003–2004, and
Ella Scoble Opperman Professor of Music, 2000
Brooks, James S., PhD, Oregon; Distinguished Research Professor, 2004–2005, Grace C.
and William G. Moulton Professor of Physics, 2002
Chandra, Namas, PhD, Texas A&M; Distinguished Research Professor, 2004–2005,
Krishnamurty Karamcheti Professor of Engineering, 2000, and of Mechanical Engineering
Roux, Kenneth H., PhD, Tulane; Distinguished Research Professor, 2004–2005, Professor
of Biological Science
Chanton, Jeffrey Paul, PhD, North Carolina at Chapel Hill; Distinguished Research
Professor, 2005–2006, John Widmer Winchester Professor of Oceanography, 2002, and
Professor of Oceanography and Geological Sciences
Kelsay, John E., PhD, Virginia; Distinguished Research Professor, 2005–2006, Richard L.
Rubenstein Professor of Religion, 2000, and Chair of Religion
Von Molnar, Stephan, PhD, California at Riverside; Distinguished Research Professor,
2005–2006, Robert A. Kromhout Professor of Physics, 2001, and Director, Center for
Materials Research and Technology
Wagner, Richard K., PhD, Yale; Distinguished Research Professor, 2005–2006, Alfred Binet
Professor of Psychology, 1999
Joiner, Thomas E., Jr., PhD, Texas at Austin; Distinguished Research Professor, 2006–2007,
Bright-Burton Professor of Psychology
Riley, Mark A., PhD, Liverpool; Distinguished Research Professor, 2006–2007, Raymond
K. Sheline Professor of Physics, 2001
Sathe, Shridhar K., PhD, Utah State; Distinguished Research Professor, 2006–2007,
Distinguished Teaching Professor, 2002–2003, D.K. Salunkhe Professor of Food Science,
2001, Professor of Nutrition, Food and Exercise Sciences
Winegardner, Mark, MFA; Distinguished Research Professor, 2006–2007, Janet M.
Burroway Professor of English, 2001
de Grummond, Nancy T., PhD, North Carolina; Distinguished Research Professor, 20072008, M. Lynette Thompson Professor of Classics, 1999
Manousakis, Efstratios, PhD, Illinois at Urbana-Champaign; Distinguished Research
Professor, 2007-2008, Donald Robson Professor of Physics, 2003, Professor of Physics, and
Scholar/Scientist, Computational Science and Information Technology
Schlenoff, Joseph, PhD, Massachusetts, Amherst; Distinguished Research Professor, 20072008, Leo Mandelkern Professor of Polymer Science, 2003, Professor of Chemistry and
Biochemistry
Johnson, Suzanne B., PhD, State University of New York at Stony Brook; Distinguished
Research Professor, 2008–2009, Professor and Chair of Medical Humanities and Social
Sciences (Retired)
Prosper, Harrison B., PhD, Manchester, Britain; Distinguished Research Professor, 2008–
2009, Kirby Kemper Professor of Physics
Turner, Robert J., PhD, Syracuse; Distinguished Research Professor, 2008–2009, Marie E.
Cowart Professor of Epidemiology and Sociology
Burnett, William C., PhD, Hawaii; Distinguished Research Professor, 2009-2010, Carl
Henry Oppenheimer Professor of Oceanography, 2002
Locke, Bruce R., PhD, North Carolina State; Distinguished Research Professor, 2009-2010,
Professor of Engineering
Rikvold, Per Arne, PhD, Temple; Distinguished Research Professor, 2009-2010, James Gust
Skofronick Professor of Physics, 2003, Professor of Physics and Scholar/Scientist, School of
Computational and Information Technology
Wetherby, Amy, PhD, California at Santa Barbara; Distinguished Research Professor, 20092010, Laurel L. Schendel Professor of Communication Disorders, 2000
Lonigan, Chris, PhD, State University of New York at Stony Brook; Distinguished Research
Professor, 2010-2011, Professor of Psychology
Wang, Ben, PhD, Pennsylvania State; Distinguished Research Professor, 2010-2011,
Simon Ostrach Professor of Engineering
Yancev, Kathleen Blake, PhD, Purdue; Distinguished Research Professor, 2010-2011,
Kellogg W. Hunt Professor of English
Zhou, Huan-Xiang, PhD, Drexel; Distinguished Research Professor, 2010-2011, Professor
of Physics

Distinguished Teaching Professors

Clark, Ronald J., PhD, Kansas; Distinguished Teaching Professor, 1989–1990, Professor of
Chemistry (Retired)
Hofer, Kurt G., PhD, Vienna; Distinguished Teaching Professor, 1989–1990, Robert O.
Lawton Distinguished Professor, 1994–1995, Professor of Biological Science (Retired)
Horward, Donald D., PhD, Minnesota; Distinguished Teaching Professor, 1989–1990,
Eminent Scholar and Professor of History (Retired)
Madsen, Clifford K., PhD, Florida State; Distinguished Teaching Professor, 1989–1990,
Alumni Professor, 1985-1988, Robert O. Lawton Distinguished Professor, 1988–1989,
Professor of Music (Retired)
Mellon, Edward K., PhD, Texas; Distinguished Teaching Professor, 1989–1990, Chair and
Professor of Chemistry (Retired)
Jones, James P., PhD, Florida; Distinguished Teaching Professor, 1990–1991, Professor of
History
Lhamon, W. T., Jr., PhD, Indiana; Distinguished Teaching Professor, 1990–1991, George M.
Harper Professor of English, 2000 (Retired)
Rashotte, Michael E., PhD, Toronto; Distinguished Teaching Professor, 1990–1991,
Professor of Psychology
Rogers, William W., PhD, North Carolina; Distinguished Teaching Professor, 1990–1991,
Professor of History (Retired)


Sandon, Leo, PhD, Boston; Distinguished Teaching Professor, 1990–1991, Chair and Professor of Religion, and Director of Program in Modern Languages and Linguistics (Deceased 2001)
Levenson, David B., PhD, Harvard; Distinguished Teaching Professor, 1992–1993, Associate Professor of Religion
Smith, James C., PhD, Florida State; Distinguished Teaching Professor, 1993–1994, Professor of Psychology, Robert O. Lawton Distinguished Professor, 1992–1993 (Retired)
Leach, Stephen P., PhD, Florida State; Distinguished Teaching Professor, 1994–1995, Assistant Scholar/Scientist of Computer Science
Walker, Eric C., PhD, North Carolina at Chapel Hill; Distinguished Teaching Professor, 1995–1996, Professor of English
Darling, Carol A., PhD, Michigan State; Distinguished Teaching Professor, 1996–1997, Professor of Family and Child Sciences, and Margaret Rector Sandels Professor of Human Sciences, 1999
Goldsbey, Kenneth A., PhD, North Carolina; Distinguished Teaching Professor, 1997–1998, Associate Professor of Chemistry
Moore, Dennis D., PhD, North Carolina; Distinguished Teaching Professor, 1998–1999, Associate Professor of English
Reiser, Robert A., PhD, Arizona State; Distinguished Teaching Professor, 1999–2000, Professor of Educational Research
Fenstermaker, John J., PhD, Ohio State; Distinguished Teaching Professor, 2000–2001, Distinguished Research Professor, 2001–2002, Fred L. Standley Professor of English, 2002 (Retired)
Sathe, Shridhar, PhD, Helsinki; Distinguished Teaching Professor, 2000–2001, Chair and Associate Professor of Finance
Ziegler, Mark, MA; Distinguished Teaching Professor, 2008–2009, Associate In Communications
Coats, Pamela K., PhD, Nebraska-Lincoln; Distinguished Teaching Professor, 2009–2010, Robert C. Earnest Professor of Finance, 2002
Quandago, Jill, PhD, Kansas; Distinguished Teaching Professor, 2010–2011, Mildred and Claude Pepper Eminent Scholar in Social Gerontology, 1987, and Professor of Sociology
Mcwey, Leonard M., PhD, Florida State University; Distinguished Teaching Professor, 2011–2012, Associate Professor of Family and Child Sciences
McKenzie Professors
Berkley, Karen J., PhD, Washington; Distinguished Research Professor, 2003–2004, McKenzie Professor 1999, Professor of Psychology (Retired)
Burroway, Janet G., MA, McKenzie Professor 1987, Service Professor of English (Retired)
Dye, Mark, PhD, Pennsylvania; McKenzie Professor 1987, Service Professor of Political Science
Hill, Jay, PhD, Helsinki; McKenzie Professor 1987, Professor of Philosophy
Howard, Louis N., PhD, Princeton; McKenzie Professor 1987, Professor of Mathematics
Hunter, Christopher, PhD, Cambridge; McKenzie Professor 1991, Chair and Professor of Mathematics (Retired)
Kirby, David K., PhD, Johns Hopkins; McKenzie Professor, 2000, Robert O. Lawton Distinguished Professor, 2003–2004, McKenzie Professor 1999, Professor of English
Winstead, William G., M.M., McKenzie Professor 1987, Professor of Music (Retired)
Daisy Parker Flory Alumni Professors
Madsen, Clifford K., PhD, Ohio State University; Alumni Professor 1985–1988, Distinguished Professor 1988–1989, Distinguished Teaching Professor, 1989–1990, Professor of Music (Retired)
Martin, Patricia Y., PhD, Florida State; Alumni Professor 1989, Professor of Sociology (Retired)
Standley, Fred L., PhD, Northwestern; Alumni Professor 1985, Professor of English (Retired)
Eppes Professors
Baumeister, Roy F., PhD, Princeton; Eppes Professor, 2002, Professor of Psychology
Butler, Robert G., MA, Eppes Professor 2000, Professor of English
Farrell, Suzanne, Eppes Professor, 2000, Professor of Dance
Flink, Gerald E., PhD, Illinois at Urbana-Champaign; Eppes Professor, 2000, Professor of Management and Psychology
Foorman, Barbara R., PhD, California at Berkeley; Eppes Professor, 2006, Professor of Education
Freelon, Phillip, PhD, Rhode Island; Eppes Professor, 2003, Professor of Oceanography (Retired)
Grunberger, Max D., PhD, New York; Eppes Professor, 2002, Professor of Scientific Computing
Kroto, Harold W., PhD, University of Sheffield; Eppes Professor of Chemistry, 2004, and Nobel Laureate in Chemistry, 1996 (Retired)
LaPointe, Leonard L., PhD, Colorado at Boulder; Eppes Professor, 2000, Professor of Communication Disorders
Larbalester, David C., PhD, Imperial College London; Eppes Professor, 2006, Professor of Sociology
Pianka, Ernest R., PhD, University of Arizona; Distinguished Professor of Biology, 2001, and Chair and Associate Professor of Biology
McClure, Charles R., PhD, Rutgers; Eppes Professor, 1999, Professor of Information Studies
Scholz, John T., PhD, California at Berkeley; Eppes Professor, 2001, Professor of Law
Selwood, David I., PhD, University of Illinois Central Campus; Eppes Professor, 2001, Professor of Biology
Zwilich, Ellen T., MM, Eppes Professor 1999, Professor of Music

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Anderson, L. Thomas, PhD, Georgia; Jessie Lovano-Kerr Professor of Art Education, 2003
Baer, Howard A., PhD, Wisconsin; J. Daniel Kimel Professor of Physics, 2002
Barlow, Eric F., PhD, State University of New York at Albany; Allen E. Liskin Professor of Criminology, 2008
Beckham, Joseph C., JD, PhD, Florida; Allan Tucker Professor of Educational Policy Studies and Leadership, 2000, Professor of Educational Leadership
Bickel, R. Bruce Jr., PhD, Duke; Griffith T. Pugh Professor of English, 2003
Bickel, William D., PhD, Minnesota; Marian D. Irish Professor of Political Science, 1999
Bickley, R. Bruce Jr., PhD, Duke; Griffith T. Pugh Professor of English, 2002 (Retired)
Bishop, Wendy, PhD, Indiana of Pennsylvania; Kellogg W. Hunt Professor of English, 2000 (Deceased)
Blumberg, Thomas G., PhD, Cl. Crum, Berkeley; Sheldon L. Messinger Professor of Criminology, 2001
Boehrer, Bruce T., PhD, Pennsylvania; Bertram H. Davis Professor of English, 2001
Bowers, Philip L., PhD, Tennessee; Dwight B. Goodfellow Professor of Mathematics and Distinguished Professor of Mathematics (Retired)
Brooker, Carolyn A., D.M.A., Iowa; John Boden Professor of Music, 2002 (Retired)
Brooks, James S., PhD, Oregon; Grace C. and William G. Mouton Professor of Physics, 2002
Bryant, John L., PhD, Georgia; Orville G. Harrod Professor of Mathematics, 2000, Distinguished Research Professor, 1994–1995 (Retired)
Burnett, William C., PhD, Hawaii; Carl Henry Oppenheimer Professor of Oceanography, 2002
Carroll, Pamela S., Ed.D., Auburn; Distinguished Teaching Professor, 2005–2006, Dwight L. Burton Professor of English Education, 2006, and Professor of Middle and Secondary Education
Charness, Neil H., PhD, Carnegie Mellon; William G. Chase Professor of Psychology, 2005
Chichos, Theodore G., PhD, Massachusetts; Amherst; William J. Wilson Professor of Criminology and Criminal Justice, 2005
Clarke, Allan J., PhD, Cambridge; Adrian E. Gill Professor of Oceanography, 2001, Distinguished Research Professor, 2000–2001
Clonan, William J., PhD, North Carolina at Chapel Hill; Richard L. Chapple Professor of Modern Languages and Linguistics, 1999
Coats, Pamela K., PhD, Nebraska at Lincoln; Robert C. Earnest Professor of Finance, 2002
Collins, Emmanuel, PhD, Purdue; Associate Chair and John H. Seely Professor of Mechanical Engineering, 2000
Connerly, Charles E., PhD, Michigan; William G. and Budd Bell Professor of Urban and Regional Planning, 2002, and Chair of Urban and Regional Planning (Retired)
Corrigan, John A., PhD, Chicago; Edwin S. Gaustad Professor of Religion, 2000
Cottle, Paul, PhD, Yale; Steve Edwards Professor of Physics 2004
Cross, Timothy A., PhD, Pennsylvania; Earl Frieden Professor of Chemistry and Biology, 2003
Crow, Jack E., PhD, Rochester; John and Geraldine P. Schuler Professor of Physics, 2003 (Deceased 9/3/04)
Dagotto, Elioro B., PhD, Instituto Balseiro; Edward A. Desloge Professor of Physics, 2001, and Scholar/Scientist, School of Computational Science and Information Technology
Dalal, Nar S., PhD, British Columbia; Dirac Professor of Chemistry, 2001, Distinguished Research Professor, 2002–2003, and Chair of Chemistry
Darrow, A. Carol, PhD, Rhode Island; Margaret Rector Sandels Professor of Human Sciences, 1999, Distinguished Teaching Professor, 1996–1997, and Professor of Family and Child Sciences
Darrow, Alice-Ann, PhD, Florida State; Irvin Cooper Professor of Music, 2003
David, Linda J., MFA, Nellie-Bond Dickinson Professor of Dance, 2003
De Grummond, Nancy T., PhD, North Carolina; M. Lynette Thompson Professor of Classics, 1999
Delp, Roy E., MM, Walter S. James Professor of Voice, 2001, Professor of Music (Retired)
Dinwiddie, William K., PhD, Massachusetts Institute of Technology; Pierre Weislander Professor of Oceanography, 2001, and Faculty Associate, School of Computational Science and Information Technology
Dorsey, John P., PhD, Cincinnati; Katherine Blood Hoffman Professor of Chemistry, 2000
Dresing, Eliza T., PhD, Wisconsin-Madison; Eliza Atkins Gleason Professor of Information Studies, 2003 (Retired)
Driscol, Marc Y., PhD, Massachusetts; Leslie J. Briggs Professor of Educational Research, 2000, and Chair of Educational Psychology and Learning Systems
Eberstein, Isaac Warren, PhD, Texas at Austin; Charles Meade Grigg Professor of Sociology, 2001, Chair of Sociology, and Research Associate, Center for the Study of Population
Ellington, W. Ross, PhD, Rhode Island; Michael J. Greenberg Professor of Biological Sciences, 2004, and Director, Institute of Molecular Biology
Falk, Dean, PhD, Michigan; Hagle G. Smith Professor of Anthropology, 2003, Chair and Professor of Anthropology
Robert O. Lawton Distinguished Professors

Beidler, Lloyd Mumbauer, PhD, Johns Hopkins; Distinguished Professor 1971–1972, Professor of Biological Science (Retired)
Bradley, Ralph Alan, PhD, North Carolina; Distinguished Professor 1970–1971, Professor and Head (1970/31)
Burroway, Janet G., MA, Distinguished Professor 1995–1996, McKenzie Professor, Service Professor of English (Retired)
Choppin, Gregory R., PhD, Texas, Sc.D., Loyola, Distinguished Professor 1967–1968, Professor of Chemistry (Retired)
Fallon, Richard Gordon, Distinguished Professor 1975–1976, Professor and Dean, School of Theatre (Retired)
Fichter, Nancy Smith, PhD, Texas Woman's University; Distinguished Professor 1991–1992, Chair and Professor of Dance (Retired)
Floyd, Carlisle, Jr., MM, Distinguished Professor 1964–1965, Professor of Music (Resigned)
Frieden, Earl, PhD, Southern California; Distinguished Professor 1969–1970, Professor of Chemistry (Retired)
Friedmann, E. Imre, PhD, Vienna; Distinguished Professor 1991–1992, Professor of Biological Science (Retired)
Gagne, Robert M., PhD, Brown; Distinguished Professor 1982–1983, Professor of Research, Development, and Foundations (Retired)
Gilmer, Robert, PhD, Louisiana State; Distinguished Professor 1981–1982, Professor of Mathematics (Retired)
Gontarski, Stanley E., PhD, Ohio State; Distinguished Professor 2008–2009, Sarah Herndon Professor of English 1999, Distinguished Research Professor 1999-2000
Greaves, Richard L., PhD, London; Distinguished Professor 1989–1990, Professor of History (Deceased)
Grunwald, Ernest Max, PhD, California; Distinguished Professor 1960–1961, Professor of Chemistry (Resigned)
Harper, George M., PhD, North Carolina; Distinguished Professor 1979–1980, Professor of English (Deceased)
Herz, Werner, PhD, Colorado; Distinguished Professor 1987–1988, Robert O. Lawton Professor of Chemistry (Retired)
Hess, Seymour L., PhD, Chicago; Distinguished Professor 1978–1979, Professor of Meteorology (Deceased)
Hofer, Kurt G., PhD, Vienna; Distinguished Professor 1994–1995, Distinguished Teaching Professor 1989–1990, Professor of Biological Science (Retired)
Hoffman, Dorothy Lois Breen, PhD, Illinois; Distinguished Professor 1963–1964, Professor of Modern Languages and Linguistics (Deceased)
Holland, Myles, PhD, Stanford; Distinguished Professor 1998–1999, Distinguished Research Professor 1995–1996, Professor of Statistics
Housewright, Wiley Lee, EdD, New York, Distinguished Professor 1961–1962, Professor and Dean, School of Music (Retired)
Hunter, Kellogg Wesley, PhD, Iowa; Distinguished Professor 1972–1973, Professor of English (Deceased)
Irish, Marian Doris, PhD, Yale; Distinguished Professor 1958–1959, Professor and Chair of Political Science (Deceased)
Joiner, Thomas E., PhD, Texas at Austin; Distinguished Professor 2010–2011, Distinguished Research Professor 2006–2007, Bright-Burton Professor of Psychology
Kasha, Michael, PhD, California; Distinguished Professor 1962–1963, Professor of Chemistry and Director, Institute of Molecular Biophysics (Retired)
Kemp, Kirby W., PhD, Indiana; Distinguished Professor, 2002–2003, Chair and Professor of Physics, and Joel David Fox Professor of Physics, Distinguished Research Professor 1993–1994 (Retired)
Kensholt, Daniel Ralph, PhD, Washington; Distinguished Professor 1974–1975, Professor of Psychology (Resigned)
Kirby, David K., PhD, Johns Hopkins; Distinguished Professor, 2003–2004, Professor of English, McKenzie Professor, 1989
Krishnamurti, Tiruvalam N., PhD, Chicago; Distinguished Professor 1985–1986, Professor of Meteorology (Retired)
Liddell, Anna Forbes, PhD, North Carolina; Distinguished Professor 1959–1960, Professor of Philosophy (Deceased)
Madsen, Clifford K., PhD, Florida State; Distinguished Professor 1988–1989, Alumni Professor 1985–1988, Distinguished Teaching Professor 1989–1990, Professor of Music (Retired)
Mandelkern, Leo, PhD, Cornell; Distinguished Professor 1984–1985, Professor of Chemistry (Retired)
Marcus, Nancy H., PhD, Yale; Distinguished Professor, 2001–2002, Mary Sears Professor of Oceanography, 2000, and Director, Program for Women in Math, Science, and Engineering
Marshall, Alan George, PhD, Stanford; Distinguished Professor 2006–2007, Bright-Burton Professor of Psychology, Distinguished Research Professor 1993–1994 (Retired)
Nichols, Eugene D., PhD, Illinois; Distinguished Professor 1968–1969, Professor and Head of Mathematics Education (Retired)
Nikolaidi, Elena, PhD, Distinguished Professor 1976–1977, Professor of Music (Deceased)
O'Brien, James J., PhD, Texas A&M; Professor of Chemistry, Distinguished Professor 1990–2000, Professor of Mathematics (Retired)
O'Brien, James J., PhD, Texas A&M; Professor of Mathematics, Distinguished Professor 1990–2000, Professor of Mathematics (Retired)
O'Brien, James J., PhD, Texas A&M; Professor of Mathematics, Distinguished Professor 1990–2000, Professor of Mathematics (Retired)
O'Brien, James J., PhD, Texas A&M; Professor of Mathematics, Distinguished Professor 1990–2000, Professor of Mathematics (Retired)
O'Brien, James J., PhD, Texas A&M; Professor of Mathematics, Distinguished Professor 1990–2000, Professor of Mathematics (Retired)
Robson, Donald, PhD, Melbourne, Australia; Distinguished Professor 1990–1991, Professor of Physics, and Scientist/Scholar, School of Computational and Information Technology (Retired)
Rogers, William Hudson, PhD, Virginia; Distinguished Professor 1957–1958, Professor of English (Deceased)
Rubenstein, Richard Lowell, PhD, Harvard; Distinguished Professor 1977–1978, Professor of Religion (Retired)
Savage, I. Richard, PhD, Columbia; Distinguished Professor 1973–1974, Professor of Statistics (Resigned)
Sethuraman, Jayaram, PhD, Indian Statistical Institute; Distinguished Professor 1993–1994, Professor of Statistics
Sheine, Raymond K., PhD, California at Berkeley; Distinguished Professor 1966–1967, Professor of Chemistry and Physics, and Royal Danish Academy of Science and Letters (Retired)

Nobel Laureates

Bloch, Konrad E., PhD, Columbia, Eminent Scholar in Human Sciences, Nobel Laureate in Medicine, 1964
Buchanan, James, PhD, Chicago, Professor of Economics, Nobel Laureate in Economic Science, 1986
Dirac, Paul A.M., PhD, St. Johns College, Cambridge, Professor of Physics, Nobel Laureate in Physics, 1933
Kroto, Harold W., PhD, University of Sheffield; Francis Eppes Professor of Chemistry, Nobel Laureate in Chemistry, 1996
Mulliken, Robert S., PhD, Chicago, Professor of Chemistry, Nobel Laureate in Chemistry, 1966
Schaeffer, J. Robert, PhD, Illinois, Professor of Physics, Nobel Laureate in Physics, 1972

National Academy Of Sciences, Florida State University Members

Beidler, Lloyd, PhD, Johns Hopkins; Distinguished Professor 1971–1972, Professor of Biological Science (Deceased)
Caspari, Donald L., Yale, Professor of Biological Science (Retired)
Fisk, Zachary, PhD, California at San Diego, Paul A.M. Dirac Professor of Physics, 1999 (Resigned)
Gor'Kov, Lev P., Dr.Sc., Ioffe Physical Technical Institute; Leningrad; Professor of Physics, and Program Director, National High Magnetic Field Laboratory
Howard, Louis, PhD, Princeton; McKenzie Professor 1986, Professor of Mathematics (Resigned)
Kasha, Michael, PhD, California, Berkeley; Distinguished Professor 1962–1963, Professor of Chemistry, Institute of Molecular Biophysics (Retired)
Schriffer, John R., PhD, Illinois; Nobel Laureate in Physics, 1972; Professor of Physics, National High Magnetic Field Laboratory (Retired)
Stevenson, Michael, PhD, Massachusetts Institute of Technology; Distinguished Research Professor 1995–1996, W.V. Evans Professor of Oceanography, 1999 (Retired)
Taylor, J. Herbert, PhD, Robert O. Lawton Distinguished Professor 1983–1984, Service Professor of Biological Science (Deceased)
Knudsen, Harold W., PhD, University of Sheffield; Francis Eppes Professor of Chemistry, Nobel Laureate in Chemistry, 1996 (Retired)
Information in this section applies to undergraduate students and programs of study.

This section includes:
The University
Admissions
Financial Information, Tuition, Fees, Aid, Scholarships, and Employment
Housing
Orientation
Academic Integrity and Grievances
Academic Advising/Academic Support Services
Undergraduate Degree Requirements
Academic Regulations and Procedures
University Honors Office and Honor Societies
College of Applied Studies
College of Arts and Sciences
College of Business
College of Communication and Information
College of Criminology and Criminal Justice
College of Education
FAMU–FSU College of Engineering
The Graduate School
College of Human Sciences
College of Law
College of Medicine
College of Motion Picture Arts
College of Music
College of Nursing
College of Social Sciences and Public Policy
College of Social Work
College of Visual Arts, Theatre and Dance
Undergraduate Academic Departments and Programs

The Graduate Information Section contains information specific to graduate students and programs of study.
The General Information Section contains information that applies to all students and programs of study.
Florida State University Mission Statement

Vision

Florida State University will be one of the world’s premier institutions of higher education, devoted to transforming the lives of our students, shaping the future of our state and society, and offering programs of national and international distinction in a climate of inquiry, engagement, collegiality, diversity, and achievement.

Mission

Florida State University preserves, expands, and disseminates knowledge in the sciences, technology, arts, humanities, and professions, while embracing a philosophy of learning strongly rooted in the traditions of the liberal arts. The University is dedicated to excellence in teaching, research, creative endeavors, and service. The University strives to instill the strength, skill, and character essential for lifelong learning, personal responsibility, and sustained achievement within a community that fosters free inquiry and embraces diversity.

University History

Florida State University, one of the largest and oldest of the eleven institutions of higher learning in the State University System of Florida, 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 Thomas Jefferson, at Monticello, in Virginia, and who shared his grandfather’s views of the importance of a democracy of a liberally educated citizenry, was the Mayor of Tallahassee who made the offer. Eppes served as President of the Seminary’s Board of Education for eight years and instilled in the institution the Jeffersonian ideals that characterize it today.

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

Classes were held at the West Florida Seminary from 1857 until 1863, when the state legislature changed the name to The Florida Military and Collegiate Institute to reflect the addition of a military section that trained cadets. During the Civil War, cadets from the school, ranging in age from 12 to 18, fought in the Battle of Natural Bridge and helped make Tallahassee the only Confederate capital east of the Mississippi not captured during the war. As a result of the brave action of the West Florida cadets in this battle, the Florida State University’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 1863.” 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 professional programs. 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 professional programs.

In a 1905 reorganization of Florida’s educational system by the legislature, the University of Florida in Gainesville was established and designated a man’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.

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

The 1950s brought significant development and expansion to the University. To the colleges and schools that had existed since the Florida State College days—Arts and Sciences, Education, Home Economics, and Music—were added Library Science, Social Welfare (later split into Social Work and Criminology), Business, and Nursing. A student in the Department of Chemistry was awarded the University’s first Doctor of Philosophy (PhD) degree in 1952. A new building was completed for the Developmental Research School, which in 1905 had evolved from the High School and the College Academy of earlier days as the Observation and Practice School created to provide on-site opportunities for 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 1957 the Panama Canal Branch was opened.

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 Program in Medical Sciences was established. The first black student enrolled in 1962, and the first black PhD candidates graduated in 1970. Programs in African American Studies and Women’s Studies were established. Continuing the liberal arts tradition begun in the 1890s, the Liberal Studies Program required of all undergraduates was expanded and strengthened.

In each succeeding decade, Florida State University has added to its academic organization and now comprises sixteen colleges. It has expanded from the original few acres and buildings to 533 buildings on nearly 1,590 acres, including the downtown Tallahassee main campus of 446 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 National High Magnetic Field Laboratory and Division of Research at Innovation Park;
and the branch campus in Panama City, Florida. One hundred and sixty years after its founding, Florida State University started the 2011-2012 academic year with a student population of over 41,000 and recognition as a major graduate research institution with an established international reputation.

In Fall 2011, Florida State University enrolled students from all 50 states, the District of Columbia, and 129 foreign countries. The enrollment breakdown by class included 734 law students, 476 medical students, a total of 31,851 undergraduate students, a total of 8,486 graduate students, and a total of 1,373 non-degree seeking students. Out of 41,710 students enrolled at the University that semester, 45.1 percent were men and 54.9 percent women. The University employed a total of 2,306 faculty members in Fall 2011, 58.3 percent men and 41.7 percent women.

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 State University System (SUS) of Florida. The State Board of Education (SBOE), 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 the State University System of Florida. Florida State University’s Board of Trustees sets the University’s policies and goals and serves as its legal owner and final authority responsible for efficient and effective use of its resources.

The main campus of the University is located in Tallahassee, the state’s capital. Additional program opportunities include Spring, Summer and Fall Semesters at our four study centers, short Summer terms in additional locations, First Year Abroad for incoming freshmen, international internships, and College for High School for students wishing to experience studying abroad while still in high school. The year-round study centers are located in Florence, Italy; London, England; Panama City, The Republic of Panama; and Valencia, Spain. Summer program locations include Argentina, Australia, Bahamas, Brazil, China, Costa Rica, Croatia, Czech Republic, Ecuador, France, Israel, Peru, Russia, South Africa, Switzerland, Turkey, and Uruguay.

The chief executive officer of Florida State University is the President. He is assisted by the Provost (who is also the Executive Vice President for Academic Affairs), the Dean of the Faculties and Deputy Provost, the Senior Vice President for Finance and Administration, the Vice President for Planning and Programs, the Vice President for Student Affairs, the Vice President for Research, the Vice President for University Relations, the Vice President for University Advancement, 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 interprets all faculty personnel policy, 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 Graduate School, which is responsible for the graduate enrollment, general advisement, university fellowships, and special programs; 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 reports to the Division of University Relations, and 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 a hundred miles west of Tallahassee on beautiful North Bay, the Panama City campus provides opportunities for undergraduate and graduate study in sixteen programs leading to the bachelor’s degree, and eight programs leading to the master’s degree.

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.

Colleges

The academic organization of the University comprises seventeen colleges. One of these, the College of Engineering, is a joint program of the Florida Agricultural and Mechanical University (FAMU) and Florida State University. In addition to the associate in arts (AA) certificate, the University offers 88 authorized baccalaureate degree programs covering 221 fields, 117 authorized master’s degree programs covering 243 fields, 24 authorized advanced master’s and specialist degree programs covering 34 fields, 2 authorized professional degree programs covering 11 fields, and 77 authorized doctoral degree programs covering 149 fields. The following outlines the academic divisions:

**College of Applied Studies**

- Programs: Public Safety and Security; Recreation, Tourism, and Events

**College of Arts and Sciences**

- Departments: Aerospace Studies; Anthropology; Biological Science; Chemistry and Biochemistry; Classics; Computer Science; Earth, Ocean and Atmospheric Science; English; History; Mathematics; Military Science; Modern Languages and Linguistics; Philosophy; Physics; Psychology; Religion; Scientific Computing; Statistics

**Interdisciplinary Programs:** FSU-Teach; Geophysical Fluid Dynamics; History and Philosophy of Science; Interdisciplinary Humanities; Molecular Biophysics; Neuroscience; Women’s Studies

**College of Business**

- **School:** Dedman School of Hospitality
- **Departments:** Accounting; Finance; Management; Marketing; Risk Management/Insurance, Real Estate and Legal Studies

**Interdisciplinary Programs:** Business Administration and Law; Business Administration and Social Work

**College of Communication and Information**

- **Schools:** School of Communication; School of Communication Science and Disorders; School of Library and Information Studies

**College of Criminology and Criminal Justice**

**Interdisciplinary Programs:** Criminology and Public Administration; Criminal Justice and Social Work

**College of Education**

- **School:** School of Teacher Education

**Departments:** Educational Leadership and Policy Studies; Educational Psychology and Learning Systems; Sport Management

**Interdisciplinary Programs:** FSU-Teach; Law and Sport Management
FAMU–FSU College of Engineering

Departments: Chemical and Biomedical Engineering; Civil and Environmental Engineering; Electrical and Computer Engineering; Industrial and Manufacturing Engineering; Mechanical Engineering

The Graduate School

Interdisciplinary Programs: Materials Science; Materials Science and Engineering

College of Human Sciences

Departments: Family and Child Sciences; Nutrition, Food and Exercise Sciences; Retail Merchandising and Product Development

Interdisciplinary Program: Law and Family and Child Sciences

College of Law

Interdisciplinary Programs: Law and Business Administration; Law and Economics; Law and Family and Child Sciences; Law and Information Studies; Law and International Affairs; Law and Public Administration; Law and Sport Management; Law and Urban and Regional Planning; Law and Social Work

College of Medicine

College of Motion Picture Arts

College of Music

College of Nursing

College of Social Sciences and Public Policy

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; Criminology and Public Administration; Economics and Law; Environmental Studies; International Affairs; International Affairs and Law; Latin American and Caribbean Studies; Program in Social Science; Public Administration and Law; Public Administration and Social Work; Public Health; Russian and East European Studies; Urban and Regional Planning and International Affairs; Urban and Regional Planning and Law; Urban and Regional Planning and Public Administration

College of Social Work

Interdisciplinary Program: Law and Social Work; Social Work and Business Administration; Social Work and Criminology; Social Work and Public Administration

College of Visual Arts, Theatre and Dance

Schools: School of Art and Design; School of Dance; School of Theatre

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

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 Academic and Professional Development
The Frederick L. Jenks Center for Intensive English Studies

Learning Systems Institute

Learning Systems Institute

Institute of Science and Public Affairs

Beaches and Shores Resource Center
Center for Biomedical and Toxicological Research and Hazardous Waste Management
Center for Economic Forecasting and Analysis
Center for Higher Education Research, Teaching and Innovation (CHERTI)
Center for Information Management and Educational Services (CIMES)
Center for Prevention and Early Intervention Policy
Center for the Advancement of Human Rights
Center for the Advancement of Learning and Assessment (CALA)
Florida Conflict Resolution Consortium
Florida Resources and Environmental Analysis Center (FREAC)
Florida State Climate Center
Institute for Academic Leadership
Institute for Cooperative Environmental Research (ICER)

Department: Chinese/American Joint Center for Environmental Research
Hungarian/American Joint Center for Environmental Research

Institute for Social Research

Institute for Social Research and Development

John Scott Dailey Florida Institute of Government
The Florida Center for Prevention Research

International Programs

Florida–Costa Rica Linkage Institute (FLORICA)

College of Applied Studies

Science, Technology, Engineering and Mathematics (STEM) Institute

College of Arts and Sciences

Antarctic Marine Geology Research Facility
Center for Humanities and Society
Center for Ocean-Atmospheric Prediction Studies (COAPS)

Center for Security and Assurance in IT (C-SAIT)
Geophysical Fluid Dynamics Institute (GFDI)
Institute for Cognitive Sciences
Institute for Fishery Resource Ecology (IFRE)
Institute of Molecular Biophysics (IMB)
Institute on Napoleon and the French Revolution
Institute on World War II and the Human Experience
Karst Environmental Center (KEC)
Middle East Studies Center

Waste Management Institute
Winthrop-King Institute for Contemporary French and Francophone Studies

College of Business

BB&T Center for Free Enterprise
Carl DeSantis Center for Executive Management
Center for Information Systems Research
Center for Insurance Research
Human Resource Management Center
International Center for Hospitality Research and Development
Jim Moran Institute for Global Entrepreneurship
Real Estate Research Center
The Florida Catastrophic Storm Risk Management Center
The Gene Taylor/ Bank of America Center for Banking and Financial Studies
The Marketing Institute
College of Communication and Information
Center for Hispanic Marketing Communication
Communication and Early Childhood Research and Practice Center
Communication Research Center
FSU Project Management Center
Information Use Management and Policy Institute
Institute for Digital Information and Scientific Communication
Institute for Intercultural Communication and Research (with the Center for Global Engagement)
PALM (Partnerships Advancing Library Media) Center
L.L. Schendel Speech and Hearing Clinic

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

College of Education
Adult Learning and Evaluation Center (ALEC)
Center for the Study of Technology in Counseling and Career Development
Hardee Center for Leadership and Values

FAMU–FSU College of Engineering
Aeropropulsion, Mechatronics and Energy (AME) Center
Center for Intelligent Systems, Control and Robotics (CISCOR)
Energy and Sustainability Center
Florida Center for Advanced Aero-Propulsion (FCAAP) Technologies
High Performance Materials Institute

College of Human Sciences
Center for Advancing Exercise and Nutrition Research on Aging
Center for Couple and Family Therapy
Center for Retail Merchandising and Product Development
Center on Better Health and Life for Underserved Populations
Florida State University Family Institute
Institute of Sports Sciences and Medicine (joint with the College of Medicine)

College of Law
Center for Innovative Collaboration in Medicine and Law (joint with the College of Medicine)

College of Medicine
Autism Institute
Center for Innovative Collaboration in Medicine and Law (joint with the College of Law)
Center for Rural Health Research and Policy
Center for Strategic Public Health Preparedness
Center for Universal Research to Eradicate Disease (CURED)
Center of Excellence for Patient Safety
Center on Global Health
Center on Medicine and Public Health
Institute of Sports Sciences and Medicine (joint with the College of Human Sciences)

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 and Public Policy
Center for Civic and Nonprofit Leadership
Center for Demography and Population Health
Center for the Study of Democratic Performance
Claude Pepper Center

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

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

Office of the Vice President for Research
Center for Advanced Power Systems (CAPS)
Florida Climate Institute (FCI)
Future Fuels Institute
Institute for Energy Systems, Economics and Sustainability (IESES)

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

Other Research and Instructional Units

Center for Academic and Professional Development
Director: William H. Lindner; Associate Director: Kerry McElroy
The Florida State University Center for Academic and Professional Development (CAPD) is the continuing education and academic program outreach entity for the campus and the community. Housed in the new Augustus B. Turnbull III Florida State Conference Center, the experienced staff of CAPD support a variety of learning opportunities as they provide services to colleges, departments, and students on campus and online. CAPD can be reached online at http://learningforlife.fsu.edu.
CAPD promotes lifelong learning and personal productivity enhancement. For example:

Professional Development/Personal Enrichment. CAPD Online offers Webmaster certification, the Certificate in Financial Planning, building code and accessibility training, and continuing legal education. These courses are instructor-led and offer an online interactive experience.

Face-to-Face Courses. CAPD also offers face-to-face courses, such as the Writing Certificate Program; Test Prep Classes for the GMAT, GRE, and LSAT; ArcGIS; and fitness classes.

Academic Credit. CAPD provides academic credit courses, including part-time degree and certificate programs for the non-traditional student. Courses are offered on campus and at a distance. Special courses and teacher institutes are held each summer. CAPD also coordinates returning student scholarships for students twenty-three years of age or older.

CAPD continues to identify and develop new course offerings to support lifelong learners in their quest for personal enrichment and broader horizons.

The Florida State Conference Center

In December 2009, the new Augustus B. Turnbull III Florida State Conference Center reopened at its 555 West Pensacola St. location, adjacent to FSU's newest five-story St. Augustine parking garage. The new conference center is approximately 47,000 square feet, featuring a gothic brick exterior and three floors to house a large auditorium, a 320-seat dining room, eight breakout rooms, an executive boardroom, food preparation facilities, and administrative offices. The new FSU Conference Center employs the latest technology, including three video walls, LCD screens and live Webcasting, in its conferencing rooms and is capable of hosting anything from small meetings to large regional conferences. The Center has retained its name, honoring FSU Provost Gus Turnbull, who died of cancer in 1991.

The Center’s professional staff of meeting planners is readily available to put their expertise to work helping you organize events. For more information, please visit http://learningforlife.fsu.edu/conference/.
The Florida Center for Public Management

**Director:** Ben Green

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 Askew School of Public Administration and Policy.

To obtain further information about FCPM and its services, visit http://www.fcpm.fsu.edu or call (850) 644-6460.

FSU—Panama

**Rector:** Carlos R. Langoni

Florida State University’s Office of International Programs administers a permanent campus of approximately 400 full-time students in the Republic of Panama. Offering a full program of courses at the lower-division level and selected majors, FSU-Panama offers the associate and the bachelor’s degrees. The campus serves U.S. citizens and residents in Panama, Panamanian citizens, and visiting scholars from throughout the world. Courses are taught by regular and adjunct faculty as well as rotating faculty from the Tallahassee campus; students from the Tallahassee campus also study at FSU-Panama, taking advantage of the resources of Panama and the ease of receiving full academic credit from the university. Internships are arranged for Tallahassee students majoring in fields ranging from biology to international business. A full range of facilities is offered at the FSU-Panama campus, including housing, an athletic complex, a library, technology-enhanced classrooms, laboratories, administrative offices, and student center. The campus is located in Clayton – the City of Knowledge – across from the Miraflores Locks of the Panama Canal and a few miles from the center of Panama City, the nation’s capital.

FSU-Panama also offers additional courses and cultural activities of special interest to U.S. students who seek study-abroad opportunities, either for one semester or for a full year. For further information, please consult the campus’ Web site, http://panama.fsu.edu, write to the International Programs office at A5500 University Center, call (850) 644-3272, or visit http://www.international.fsu.edu.

Institute for Cognitive Sciences

**Director:** 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.

Learning Systems Institute

**Director:** Laura Lang; **Associate Director:** Rabieh Razzouk

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 $400 million in externally funded research over its 43-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.

LSI is organized into six centers:
- Florida Center for Reading Research (FCRR)
- Florida Center for Research in Science, Technology, Engineering, and Mathematics (FCR-STEM)
- Center on Leadership and Learning
- Human Performance Research Center

Center for International Studies in Educational Research and Development

Partnerships for Advancing Library Media (PALM Center)

LSI’s learning research focuses on assessment, accommodations, and modifications for students with special needs, communities of instruction, learning technologies, international development, leadership, learning disabilities, library literacy, school reform, STEM (science, technology, engineering, and math), and teaching and learning. LSI’s research into human performance, how people can do better at specific tasks or jobs, focuses specifically on expert performance, performance improvement, knowledge communities, and team cognition and performance.

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

Libraries

**Dean of the University Libraries:** Julia Zimmerman, 305 Strozier Library

University Libraries provides collections, resources and services to enhance the learning, teaching, research, and service activities of the Florida State University. In support of this mission, the libraries’ collection is approaching 3 million volumes. For those researchers unable to visit the libraries, the Web site offers access to hundreds of databases and more than 70,000 e-journals from anywhere in the world. Materials not available online or at the libraries may be requested through interlibrary loan or through the new electronic document delivery system. Users in need of physical delivery of books from over 15 million volumes available at all state university libraries. Library faculty also offer classes and consultations to teach critical research and thinking skills. For those researchers unable to visit the libraries, online research services are available 24/7 and library staff offer outreach to dormitories and buildings across campus.

The Florida State University Libraries include eight libraries on campus: Strozier Library, Dirac Science Library, Claude and Mildred Pepper Library, College of Music Allen Music Library, School of Library and Information Studies Goldstein Library, College of Law Research Center, College of Medicine Maguire Medical Library, and the FAMU-FSU College of Engineering Library. The Special Collections and Archives division of University Libraries supports and advances research, teaching, and scholarship by acquiring, preserving, and providing access to collections of original manuscripts, rare books, and university archives for use by students, faculty, and researchers worldwide. The Claude Pepper Library and the Heritage Protocol archives are part of University Libraries’ Special Collections.

Library materials and services are also available at the FSU Panama City (Florida) campus, as well as at FSU International Programs study centers in London, Florence, and Panama. The John and Mable Ringling Museum of Art in Sarasota, Florida, has a library containing art-related research materials as well as a collection of rare books. The entire FSU community can search the University Libraries catalog via its Web site at http://www.lib.fsu.edu.

The Robert Manning Strozier Library, the University’s main library, is located in the center of the main campus and occupies seven floors. Strozier Library is open 134 hours each week, providing around the clock research assistance and study spaces, and sees almost 1.5 million visitors each year. Its main floor is an undergraduate-focused Learning Commons, while its lower level is a graduate- and faculty-focused Scholars Commons. Strozier offers free academic tutoring and a robust range of academic support services and programming throughout the day and late into the night. 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. In its technology lab and study digital media center, Strozier provides equipment, software, and facilities for listening to, viewing, and editing multimedia materials. Internet-accessible computers with word-processing software, printers, and photocopyers are available throughout the library. The Assistive Technology Lab provides adaptive equipment and software for students with disabilities.

University Libraries Special Collections and Archives has offices, an Exhibit Room, and a Reading Room in Strozier Library. Its collections comprise more than half a million items. Manuscript collections include Florida political collections, Southern business history, literary manuscripts, and local and regional Florida history. The rare books of Special Collections support a wide variety of disciplines and research interests. The collection includes books from small and private presses, first editions, limited edition works, cunifornia, and other items. Notable book collections include Napoleon and the French Revolution, Shaw Childhood in Poetry, William Morris Kelmscott Press, and Carothers Memorial Rare Bibles. Special Collections and Archives, which includes University Archives, Heritage Protocol, and the Claude Pepper Library, welcomes class visits and provides a hands-on learning environment
for students. Heritage Protocol maintains the Norwood Reading Room on the second floor of Strozier Library, where rotating exhibits of FSU memorabilia are displayed.

The Claude and Mildred Pepper Library, housed on-campus in the Pepper Center, was established in 1985 as the official repository for the Pepper Collection, a unique and multi-faceted collection of over a million items by and about U.S. Congressman Claude Pepper (1900-1989), including manuscripts, photographs, audio/video recordings, and memorabilia. For more information, go to http://claudepeppercenter.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/about/fsulibraries/dirac.

The Warren D. Allen Music Library, located in the College of Music and one of the Southeast’s major music libraries, contains a collection of recordings, scores, books, and periodicals that support the school’s curriculum. The library’s Web site is located at http://www.music.fsu.edu/Quicklinks/Music-Library.

The Harold Goldstein Library, located in the School of Library and Information Studies, contains a collection of professional library science materials and reference materials, as well as juvenile materials and picture books. For more information, go to http://slis.fsu.edu/About-The-School/The-Goldstein-Library/.

The College of Law Research Center has a collection of nearly 500,000 volumes and offers an active program of legal research instruction, an experienced and helpful staff, and extensive collections of law and law-related information. Legal research is complemented by an array of electronic databases, including the LexisNexis and WestLAW legal research databases. The library’s Web site is located at http://www.law.fsu.edu/library/.

The College of Medicine Charlotte Edwards Maguire Medical Library provides access to a number of electronic medical databases and a collection of books and journals. To cultivate physicians who are expert learners, problem solvers, and agents of change, the library provides a supportive environment with access to high quality, relevant, and current information from 21st century information resources. The library’s Web site is located at http://www.med.fsu.edu/library/.

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. The Library contains more than 75,000 volumes, exhibition and sale catalogs, and more than 100 current periodical titles 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 located at http://www.ringling.org.

The FSU-Panama City (Florida) Library and Learning Center provides computers, e-books, e-journals, and research help. The 6,000 items in its collection of printed books and journals are available at the Gulf Coast State College Library. For more information, go to http://pc.fsu.edu/QUICKLINKS/Current-Students/Library-and-Learning-Center.

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

L.L. Schendel Speech and Hearing Clinic

Director of Clinical Education: Lisa Scott

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. Specific services include but are not limited to:

- Comprehensive speech-language assessment and intervention
- Hearing assessment, hearing aid dispensing, and other clinical services related to hearing impairment
- Assistive communication lab
- Dialect/Accent evaluation and reduction

Services are provided for 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 calling: (850) 644-2238 (Voice and TDD).

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 coursework 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 coursework 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 http://www.famu.edu/index.cfm/catalog/NavalSciences.

Written requests for information should be addressed to: Recruiting Officer, NROTC Unit, Florida Agricultural and Mechanical University, P.O. Box 6508, Tallahassee, FL 32314-6508; or call either (850) 598-8412 or 598-3980; or e-mail rrotrecr1@famu.edu.

Office of Distance Learning

Director: Susann Rudasill; Associate Director: Jean-Marc Wise

The Florida State University Office of Distance Learning (ODL) provides leadership, policy guidance, faculty support and development, and other resources to promote, implement, facilitate, and assess University initiatives related to teaching enhancement and technology-mediated learning environments that support student academic achievement, ODL faculty and staff members collaborate with distance learning faculty and teaching assistants to promote instructional excellence at Florida State University through the use of effective educational and communication technologies, evidence-based institutional principles and strategies, and research studies on teaching innovations. ODL is online at http://distance.fsu.edu.

Blackboard Learning Management System

Blackboard™ serves as the learning management system for the FSU community. Serving over 40,000 students, http://campus.fsu.edu receives over 38,000 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 around campus to integrate learning technology with other applications, ensuring a more efficient operation for all users. ODL developers work with academic and administrative units to extend the functionality and features of Blackboard in order to enhance the teaching and learning experience.

Online Course Development and Faculty Support

Degree programs that are to be offered online at a distance are developed for online delivery through ODL. Instructional design, media support, Blackboard training, teaching enhancement, auxiliary budget management, guidance through administrative procedures and program marketing are provided for courses and programs offered through FSU Online.
Online Programs and Student Support (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, Computer Science, Criminology, Education, Information Studies, Interdisciplinary Social Science, Management Information Systems, Nursing, Public Safety and Security, and Social Work. ODL 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 ODL 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, ODL 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 for initial and ongoing program inquiries and tracking, e-mail inquiries@campus.fsu.edu, or call (850) 645-0393.

Assessment and Testing

ODL Assessment and Testing provides testing, scanning, and evaluation services. Services include: secure exam proctoring for large enrollment, hybrid, and online courses; coordination of remote proctoring services; administration of departmental, state, and national computer-based tests; scanning, scoring, and reporting of mark-sense forms; and support for online and paper-based course evaluations. You may watch a short video overview of services at http://distance.fsu.edu (select Assessment and Testing, then Overview of Services).

Reserve Officers Training Corps

The University includes among its offerings both an Air Force and an Army Reserve Officer Training Corps (ROTC) program; 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.

Undergraduate Education

Florida State University provides a strong liberal arts baccalaureate experience. The University is a concentrated resource of classroom-directed learning, research facilities, and intellectual talent that seeks to develop within each student the ability to view problems from many different perspectives and to find creative and humane solutions. Through the Liberal Studies Program, required of all undergraduates, students are introduced to the broad array of disciplines at the University. The freshman and sophomore years enable students to explore the breadth of the curriculum and to find the degree program most appropriate to their interests and abilities. 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 allowing 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 and fellowships 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 six Nobel laureates, seventeen members of National and Foreign Academies, two Pulitzer Prize winners, and twenty recipients of a Guggenheim. 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 listing of distinguished faculty 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 to award associate, baccalaureate, masters, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097; or call (404) 679-4500 for questions about the accreditation of Florida State University. The Commission on Colleges is to be contacted only if there is evidence that appears to support the university’s significant noncompliance with a requirement or standard.

For departmental/field accreditations, refer to the respective college or school’s chapter in this General Bulletin.

Carnegie Foundation Classification

In its 2010 report, The Carnegie Foundation classified Florida State University in the Research Universities—Very High Research Activity category, its highest category for a graduate-research university. Florida State University is one of 108 American universities to have earned this designation at that time. In addition, the 2010 report selected Florida State University for the Community Engagement Classification. This competitive designation recognizes Florida State’s commitment to exemplary institutional practices of engagement within its local, state, and global community.
Admission from Secondary School

An applicant who desires admission as a beginning freshman student after graduating from a regionally accredited high school (or comparable international institution) 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 processing fee should be submitted as soon as possible at the beginning of the senior year. The preferred method of payment is online at [http://fees.fsu.edu](http://fees.fsu.edu). If payment is by check or money order, it must be made payable to Florida State University and drawn on a U.S. bank. The application will not be processed without this fee, and there are no provisions to waive or postpone it unless the applicant can document receipt of 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 all attempted high school credit is required. The transcript should include high school credits earned before the 9th grade, as well as the 9th grade through whatever portion of the 12th grade has been completed at the time of application.

**College Transcripts.** Students who have registered for coursework at a college or university through dual enrollment or non-degree status must submit an official transcript from that post-secondary institution. Transcripts are considered official when they are sent directly from the college or university to the Office of Admissions and contain an official seal and/or signature. Transcripts bearing the statement “Issued to Student,” notarized transcripts, or transcripts submitted by the applicant are not considered official. [An official course-by-course evaluation is required of all academic records from non-U.S. institutions. Refer to ‘Transfer Credit’ in the “International Student Admission” section of this chapter for details.]

**Test Scores.** Official results from the ACT or SAT are required of all applicants for freshman admission. Applicants planning to take the ACT must also take the ACT Writing Test. 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.

**Letters of recommendation are not required** and will not be used in the decision-making process. Applicants denied admission to the University may submit letters of recommendation and other information to support their appeal.

**Auditions**

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

**Departmental Application**

A departmental application is required of all applicants planning to major in animation and digital arts; motion picture arts - production; nursing; 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 Arts, the College of Nursing, or the College of Visual Arts, Theatre, and Dance for details.

**Deadlines for Applications and Supporting Documents for Secondary School Applicants**

There are two notification dates for freshmen applying for either the 2013 Summer or Fall term.

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<tr>
<th>Application Date</th>
<th>Decision Date</th>
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<tr>
<td>October 15</td>
<td>December 19</td>
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<tr>
<td>January 14</td>
<td>March 20</td>
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All information used to make an admission decision must be received by one of the published deadlines. The University does not ordinarily accept freshman applications for the Spring term.

**Academic Qualifications**

Most students accepted to the University present at least a 3.6 grade point average (GPA) in all academic subjects (grades 9 through 12) and test scores of at least 25 (composite) on the ACT or 1740 (total) on the SAT. In addition...
to academic grade point average and test scores, a variety of additional factors are considered. These include an essay, the pattern and quality of courses and curriculum, grade trends, minimum subscores on the ACT or SAT, and educational objectives. Applicants who bring to the University community other important attributes may also receive additional consideration. These applicants include first generation and low socioeconomic students applying to CARE, visual and performing artists, and skilled athletes.

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 units of English (at least three with substantial writing requirements); four units of mathematics (algebra I level and higher); three units of natural science (at least two with laboratory); three units of social science (includes history, civics, political science, economics, sociology, psychology, and geography); two sequential units of the same foreign language; and two 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 but do not guarantee admission. Most students accepted to the University exceed the minimums.

Calculation of High School Academic GPA

The Office of Admissions recalculates all grade point averages. We do not use the GPAs listed on the high school transcript or report card. Only academic core subjects will be used in the recalculation. Grades of “C-” or better in dual enrollment, AICE, AP, and IB coursework will be weighted and receive one full bonus point in the recalculation; grades of “C-” or better in honors, pre-AICE, pre-AP, and pre-IB coursework will receive one half bonus point. For repeated courses, we will only forgive a low grade if the exact course has been repeated (i.e. Algebra I will not replace an Algebra I honors grade; if the courses are not the same, both grades will be used in the recalculation).

ACT/SAT Information

Applicants should take both the ACT and SAT since Florida State University uses only the highest composite/total score for admission and scholarship purposes. Applicants planning to take the ACT must also take the ACT Writing Test. They should also take each exam more than once since the highest subscores are used to create the ACT composite and SAT total. In addition to the overall composite on the ACT or total score on the SAT, the following minimum subscores are required: Writing: 21 on the ACT English or 21 on the ACT English/writing or 500 on the SAT writing; Math: 21 on the ACT math or 500 on the SAT math; and Reading: 22 on the ACT reading or 500 on the SAT critical reading. These subscores represent the minimums required for admission consideration but do not guarantee admission.

High School Students Earning the Associate in Arts (AA) Degree

Applicants to Florida State University who are graduating from high school and earning the AA degree simultaneously must meet freshman requirements for admission and be approved by the academic program to which they are applying. All majors have individual milestones (prerequisite college courses and/or specific college grade point averages) that must be met. In addition, some majors require auditions, departmental applications, portfolios, or other information for consideration. Refer to the “Academic Departments and Programs” section of this General Bulletin or http://www.academic-guide.fsu.edu for details.

Homeschooled and GED Information

Florida State University will consider applications from students who are educated through a homeschooled program who meet the above criteria for admission. The homeschooled transcript should include a list of all coursework (both completed and in progress), showing final grades and units earned for each course completed. A brief description of each course taken or planning to take (with information regarding the teaching materials - including the title and author of all textbooks, DVDs, and other teaching materials utilized) and the methods used for evaluation should accompany the homeschooled transcript. If homeschooled applicants previously attended another school, or have completed courses through a virtual school or dual enrollment at a local college or university, official transcripts are required, and those courses should also be reflected on the homeschooled transcript.

Applicants who present a GED will also be considered for admission. Official GED results, an official high school transcript through whatever portion of high school was completed, and ACT and/or SAT results must be submitted.

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 are the first generation in their family to attend college and who are socio-economically disadvantaged. 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. 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 Summer Bridge Application, a short essay describing why they want to participate in CARE, the Free Application for Federal Student Aid (FAFSA), and tax information. The minimum requirements for consideration include a 2.8 academic grade point average as recalculated by the Office of Admissions and either an ACT composite score of 19 or SAT total score of 1330. Meeting the minimum requirements does not guarantee admission to the program. Students with grade point averages below 3.0 must also meet the following minimum subscores:

- SAT critical reading ≥ 460 or ACT reading ≥ 19
- SAT math ≥ 460 or ACT math ≥ 19
- SAT writing ≥ 440 or ACT English/writing ≥ 18

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 by the first notification deadline.

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 3.9 or better weighted high school grade point average in the academic subjects; (3) a minimum composite score of 28 on the ACT or total score of 1860 on the SAT; (4) sufficient strength in the academic units; (5) evidence of a lack of curricular opportunity in the existing high school setting; and (6) three letters of recommendation, one of which must be from the high school principal or a representative of the principal.

Freshman Admission Deposit

All freshman applicants who are admitted to the University are required to submit a $200.00 nonrefundable admission deposit by May 1 to secure a place in the freshman class. Upon enrollment, the deposit will be applied toward the student’s tuition.

Admission by Transfer

Applicants are considered transfer students if they have earned twelve or more semester hours of college credit from a regionally accredited college or university (or comparable international institution) as evaluated by the Office of Admissions after graduation from high school. Applicants desiring admission by transfer must provide the Office of Admissions with the following:

Application for Admission. The completed application for admission and a nonrefundable $30.00 processing fee should be submitted six to nine months prior to the proposed term of enrollment. The preferred method of payment is online at http://fees.fsu.edu. If payment is by check or money order, it must be made payable to Florida State University and drawn on a U.S. bank. The application will not be processed without this fee, and there are no provisions to have it waived or postponed.

College Transcripts. Official transcripts from each college and university attended must be submitted to the Office of Admissions. Transfer credit posted on the record of another institution is not accepted in lieu of submitting the official transcript from the original institution. Transcripts are considered official when they are sent directly from the college or university to the Office of Admissions and contain an official seal and/or signature. Transcripts bearing the statement “Issued to Student,” notarized transcripts, or transcripts submitted by the applicant are not considered official. [An official course-by-course evaluation is required of all academic records from non-U.S. institutions. Refer to “Transfer Credit” in the “International Student Admission” section of this chapter for details.]
Secondary School Record. An official high school transcript is required of all transfer applicants. The transcript must reflect all attempted high school credits and the date of graduation.

Test Scores. Official scores from the ACT or SAT are required of all freshman/sophomore-level applicants. Applicants submitting the ACT must also provide the ACT Writing Test. It is recommended that junior and senior transfer applicants also submit test scores.

Exam Results. All AICE, AP, IB, and/or CLEP results should be submitted if college credit has been earned. Refer to the tables at the end of the "Academic Regulations and Procedures" chapter in this General Bulletin for required scores and course equivalents for which credit is granted.

### Deadlines for Applications and Supporting Documents for Transfer Students

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### General Admission Requirements

#### Foreign Language Admission Requirement

All transfer applicants must have satisfied the state of Florida’s foreign language admission requirement by having earned two units of one foreign language or American Sign Language in high school or eight semester hours of one foreign language or American Sign Language in college (documented equivalent proficiency).

### College Level Proficiency Skills in Reading, Writing, and Mathematics

All transfer applicants must have demonstrated college-level proficiency in reading, writing, and mathematics prior to being considered for admission. This can be achieved by having a minimum cumulative 2.0 GPA in six semester hours of approved college-level English composition and a minimum cumulative 2.0 GPA in six semester hours of approved college-level mathematics.

The appropriate subscores can be found in the "ACT/SAT Information" section of this chapter.

#### Associate in Arts (AA) Diploma

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 have been received by the deadline and they meet the requirements for admission to their major/program.

#### Junior/Senior-Level Applicants

Junior and senior applicants (sixty or more semester hours of transferable credit as determined by the Office of Admissions) must:

- Have at least a 3.0 (on a 4.0 scale) cumulative grade point average (GPA) on all college work attempted.
- Have at least a 3.0 (on a 4.0 scale) GPA on all college work attempted at the last institution.

#### Freshman/Sophomore-Level Applicants

Freshman and sophomore applicants (twelve to fifty-nine semester hours of transferable credit as determined by the Office of Admissions) must:

- Meet Florida State University’s freshman criteria (refer to ‘Admission Requirements’ in the “Admission from Secondary School” section of this chapter).
- Have at least a 3.0 (on a 4.0 scale) cumulative GPA on all college work attempted.
- Have at least a 3.0 (on a 4.0 scale) GPA on all college work attempted at the last institution.

### Major Requirements

All transfer applicants must meet requirements for admission to the University and to the major/program of interest. For information about the major/program of interest refer to the "Academic Departments and Programs" section of this General Bulletin or http://www.academic-guide.fsu.edu for more details.

### Excess Credit Hour Surcharge

In 2009, the Florida Legislature implemented a new law (Section 1009.286, FS) to encourage students who enroll in a state university to complete the baccalaureate degree program as quickly and efficiently as possible. It established what is commonly referred to as an “Excess Credit Hour Surcharge” by charging an additional student payment to those students who do not complete the baccalaureate degree in a timely fashion. Accelerated coursework (AICE, AP, IB, CLEP, and dual enrollment) taken while in high school will not be considered in this hour count. To learn more about this surcharge, refer to http://registrars.fsu.edu/excess_hours.

### 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 Teacher Education is administered by the Dean of the College of Education and assigned to the Office of Academic Services and Intern Support, 2301 Stone Building.

#### Note:

Application for admission to Teacher Education is distinct from admission to an upper-division college or program and is a required step for graduation and certification.

- Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, State Board of Education Rules 6A-4.0021 and 6A-5.066, and the Florida State University Council on Teacher Education require that all students seeking admission to 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 General Knowledge portion of the Florida Teacher Certification Examination.

#### Note:

There is no minimum composite/total score on the ACT or SAT for admission to Teacher Education. However, programs with limited enrollment status may require submission of these scores and may use them as criteria for 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 education core courses of EDF 1005, EDF 2085, and EME 2040; and,
- b) up to fifteen semester hours of general program prerequisites specified by each degree program (see degree program sections for specific prerequisites).

FSU-Teach majors entering science or mathematics teacher preparation programs are exempt from the nine-hour Education Common Course Prerequisite requirement.

Per policy adopted by the Florida State University Professional Education Advisory Council, students seeking readmission to a teacher education program shall be responsible for meeting the most current course, clinical, and certification requirements set out by that program; readmitted students in these programs will not be ‘grandfathered’ under the teacher education requirements in effect at the time of original admission to the major.

#### Common prerequisites and admission criteria 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, State Board of Education Rule 6A-4.0021, Florida Teacher Certification Examinations, and State Board of Education Rule 6A-5.066, Approval of Educator 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 institutions and rising juniors at Florida State University.

Limited access programs are offered by a number of different colleges. For specific requirements for admission to a particular department or college, refer to the appropriate section of this General Bulletin.
Limited Access Degree Programs at Florida State University Include:

- Accounting
- Athletic Training
- Business Administration
- Communication
- Communication Sciences and Disorders
- Dance
- Dietetics
- Early Childhood Education
- Economics
- Elementary Education
- Finance
- Hospitality Management
- Interior Design
- Management
- Management Information Systems
- Marketing
- Motion Picture Arts
- Music Education
- Music, Liberal Arts
- Music Performance
- Music Theory and Composition
- Music Therapy
- Nursing
- Psychology
- Real Estate
- Risk Management/Insurance
- Special Education
- Sport Management
- Studio Art, Bachelor of Fine Arts in
- Theatre
- Visual Disabilities

Transfer Scholarships

Associate in Arts (AA) degree recipients from Florida public colleges who enroll directly at the University and who display high academic achievement are automatically considered for academic scholarships on a competitive basis by Florida State University.

International Student Admission

Applicants to Florida State University are considered international if they are not U.S. citizens, dual citizens, or Permanent Residents. The admission requirements and deadlines for international applicants can be found at the beginning of this chapter under “Admission from Secondary School” for freshmen and “Admission by Transfer” for transfers. In addition, international applicants must provide the Office of Admissions with the following:

- **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. Certified documents should be true copies that are signed and dated by an educational official familiar with academic records. Documents signed by a notary or other public official with no educational affiliation will not be accepted.

- **English Proficiency Test.** If an applicant’s native language is not English, the applicant must submit a minimum score of 550 on the paper-based or 80 on the Internet-based Test of English as a Foreign Language (TOEFL) or 6.5 on the International English Language Testing System (IELTS) or 77 on the Michigan English Language Assessment Battery (MELAB). Score reports are considered official only when they are sent directly to the Office of Admissions from the testing agency, and are not valid after two years.

- **Transfer Credit.** An official course-by-course evaluation is required of 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://ies.aacrao.org).

**Certification of Finances.** The Certification of Financial Responsibility (CFR) 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 U.S. 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 funds. More information on the CFR is available at http://www.cge.fsu.edu.

**Notice of Admission**

Formal notification of admission to Florida State University comes from the Office of Admissions and is for a specific term. The Center for Global Engagement will process 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 on the Online Status Check, 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.

**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.

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 to cover all costs while at the University. When applicants leave their country, they must have enough money to pay for travel expenses to the University, fees for the entire term, living expenses until more money arrives, and the return fare to their home country. 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. 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 most up-to-date cost estimates for international students can be found at http://cge.fsu.edu/news-students/cfr.cfm. These estimates 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).

**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 school in the U.S. 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 U.S. In some cases, students may need to get an extension of validity from their home country.

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 to cover all expenses for the entire period of study in the U.S. is available. Undergraduate students holding F-1 or J-1 visas are required to carry at least twelve semester hours each semester.

**Center for Global Engagement**

The Center for Global Engagement (CGE) provides immigration advising and support services to international students. Upon arrival at Florida State University, international students must immediately check in with the CGE. An orientation for new international students is required. In addition to the
International Student Orientation, all new freshman and transfer (undergraduate) degree-seeking students must attend an orientation session through the Office of New Student and Family Programs.

Health Insurance Requirement
University Health Services provides 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 the health insurance requirement, refer to http://www.uhs.fsu.edu.

International applicants are required to complete and submit a health history form that describes previous illnesses and/or surgery. If students have had tuberculosis (or scars appearing on chest X rays) or other serious infectious diseases, they must have a thorough medical examination made before coming to the University, and must bring these reports to campus. International applicants must be immunized according to state of Florida requirements, and must 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.

Center for Intensive English Studies
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 Frederick L. Jenks Center for Intensive English Studies. Detailed information on the Center may be obtained at http://www.cies.fsu.edu.

Admission to the Frederick L. Jenks Center for Intensive English Studies does not guarantee admission to Florida State University after the successful completion of English studies.

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 these minimums. The student should determine departmental requirements first and then determine the University admission requirements. Consult the Graduate Bulletin for complete details.

Admission to the Panama City Campus
Transfer students who have sixty or more semester hours of transferable credit (as evaluated by the Office of Admissions) and are interested in attending the Panama City campus should request information from the Panama City 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 transfer students at the Tallahassee campus apply to the Panama City campus, except the following

- The required $30.00 application fee can be paid online immediately following the submission of your application, or by check or money order sent to the Office of Admissions at the address listed above.
- Checks or money orders must be drawn on a U.S. bank and be made payable to Florida State University.
- All transcripts, test scores, and other admission documents must be submitted to the Panama City Office of Admissions prior to the deadlines listed below.
- International applicants cannot be considered for admission to the Panama City campus.
- The deadline for application and supporting documents at the FSU Panama City campus is August 1st for Fall term, December 1st for Spring term, and April 1st for the Summer term. Further information is available by calling the Office of Admissions on the Panama City campus at (850) 770-2160.

Continuous Enrollment
Please refer to the “Academic Regulations and Procedures” chapter in this General Bulletin for continuous enrollment policies.

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 had their last term of enrollment at the University administratively cancelled and have been absent for two or more consecutive terms (including Summer); or (5) have earned a bachelor’s degree from the University and wish to pursue a second bachelor’s degree, should submit an application for readmission to the Office of Admissions. Academically dismissed students are not eligible for readmission unless they have been reinstated to continue by their academic dean. Reinstatement to continue does not guarantee a favorable readmission decision or admission into a specific major. Refer to the “Dismissal and Reinstatement” section of the “Academic Regulations and Procedures” chapter of this General Bulletin.

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 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,” notarized transcripts, 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 and/or conduct 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.)

Readmitted 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.

Readmission after Multiple Withdrawals
When a student has withdrawn from the University three or more times, subsequent readmission will first be considered by a committee whose charge is to assess the student’s capability of making satisfactory progress toward a 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.

Non-Degree Student Regulations
Enrollment as a non-degree student is subject to approval by the Office of Admissions and may be open to high school and college graduates. Refer to the ‘Admissions Requirements’ and ‘Admission by Transfer’ sections of this chapter for enrollment requirements. 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 enrollment as a non-degree student. Students intending to register for graduate coursework under the non-degree status should consult the Graduate Bulletin for details.

The completed non-degree student application must be accompanied by a $30.00 nonrefundable processing fee and all supporting documents. 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 University reserves the right to close the application process earlier than the published deadlines if warranted by enrollment limitations.

A non-degree 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 undergraduate admission requirements. Enrollment as a non-degree student does not guarantee admission to an undergraduate program.

Work taken as a non-degree student does not automatically carry undergraduate degree credit; however, up to fifteen semester hours earned as a non-degree student may be applied toward an undergraduate degree with approval of the appropriate dean after degree seeking status is obtained.

The University generally does not issue I-20 or DS-2019 visa documents for international non-degree students. At the request of a department, the University will provide a visa document for non-degree students who are
accepted for full-time enrollment in a certificate program. The department must contact the Center for Global Engagement (http://www.cge.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 non-degree 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 non-degree students is on a space-available basis and, in some cases, may require departmental approval. 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 must also 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 “Academic Regulations and Procedures” 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.

Florida Agricultural and Mechanical University/Florida State University Interinstitutional Registration

A Florida Agricultural and Mechanical University student planning to participate in the Cooperative Program at Florida State University must obtain specific approval from the designated representative in the Office of the Registrar at FAMU. Approval is also required from the department offering the course at FSU. The completed co-op application must be returned to the Office of the Registrar at FAMU by the deadline. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) If approval to co-op is granted, the student will be registered for courses at Florida State University by a representative in the Office of the University Registrar at FSU. Some courses may have limited availability, and registration for these courses may be denied or delayed until drop/add at the beginning of the term. The approval of one institution does not bind the other to comply. All tuition and fees are paid at FAMU unless the course has additional departmental fees associated with it. Any departmental fees will be paid at FSU. Florida State University students planning to co-op at FAMU should refer to the “Academic Regulations and Procedures” chapter of this General Bulletin.

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 transient status is granted, the student follows the prescribed registration procedures and adheres to the fee schedule established by this institution. The approval of one institution does not bind the other to comply. A Florida State University student wishing to enroll as a transient at another institution should refer to the “Academic Regulations and Procedures” 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: Michael Williams; Associate Vice President for Budget, Planning, and Financial Services: Rafael Alvarez; Director, Office of Student Financial Services: John Bembry

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://campus.fsu.edu (from Secure Apps, click My Account Statement). 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. All third-party agency billings, departmental billings, FSU employee scholarships, and Veteran’s deferments are due by the third day of each semester. 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 My Account Statement at http://campus.fsu.edu (from Secure Apps) 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. 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 may pay their fees at: Controller’s Office, 4750 West Collegiate Drive (Barron Building, 1st Floor), Panama City, FL 32403. Students may pay by check, cash, money order, or cashier’s check when paying in person. Credit card payments can ONLY be made via 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.

Residency Requirements for Tuition Purposes

At Florida State University there are four offices responsible for the review of residency for tuition purposes under Section 1009.21, Florida Statutes, and Florida State University Regulation 6C2R-2.02416. These offices are: (1) the Office of Admissions, (2) College of Law 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 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 Florida State University Regulation 6C2R-2.02416, students must be: United States citizens, lawful permanent residents, or aliens lawfully present in the United States who are in an eligible visa category, AND

1. Have established a legal residence in this state and maintained that legal residence for 12 months immediately prior to the term in which they are seeking Florida resident classification. Students’ residence in Florida must be as a bona fide domicile 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

1. Become a legal resident and be married to a person who has been a legal resident of the state of Florida for the required 12-month period [s.1009.21(5), FS]; OR
2. Be an active-duty member of the Armed Services of the United States residing or stationed in Florida (and spouse/dependent children) or an active drilling member of the Florida National Guard or military personnel not stationed in Florida whose home of record or state of legal residence certificate, DD Form 2058, is Florida (and spouse/dependent children) [s.1009.21(10)(a), FS]; OR
3. Be a full-time instructional or administrative personnel member employed by a state public school or institution of higher education (and spouse/dependent children) as defined in [s.1009.21(1)(c), FS] and [s.1009.21(10)(d), FS];
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 at http://www.sfs.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 2012-2013 had not been confirmed by the Florida Legislature at the time of the publication of this document.

Actual Course Fee Charge per Credit Hour 2011-2012 at the FSU Main Campus

<table>
<thead>
<tr>
<th>Course Level</th>
<th>In-State &amp; Enrolled at FSU Before 7/1/07</th>
<th>Out-of-State &amp; Enrolled at FSU Before 7/1/07</th>
<th>In-State &amp; Enrolled at FSU After 7/1/07</th>
<th>Out-of-State &amp; Enrolled at FSU After 7/1/07</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-4999</td>
<td>$160.84</td>
<td>$666.39</td>
<td>$192.84</td>
<td>$698.39</td>
</tr>
</tbody>
</table>

*Includes Tuition Differential Fee

<table>
<thead>
<tr>
<th>Course Level</th>
<th>In-State**</th>
<th>Out-State**</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 and above</td>
<td>$420.78</td>
<td>$1,052.18</td>
</tr>
<tr>
<td>Law</td>
<td>$610.10</td>
<td>$1,262.18</td>
</tr>
<tr>
<td>Medical per year</td>
<td>$21,293.18</td>
<td>$55,844.37</td>
</tr>
<tr>
<td>Repeat Course Fee per credit hour (undergraduate only)</td>
<td>$159.87</td>
<td>$159.87</td>
</tr>
</tbody>
</table>

**Per credit hour does not include the Student Facilities Use Fee assessed to Main Campus Students at the rate of $20 per semester.

Actual Course Fee Charge per Credit Hour 2011-2012 at the FSU Panama City Campus

<table>
<thead>
<tr>
<th>Course Level</th>
<th>In-State &amp; Enrolled at FSU Before 7/1/07</th>
<th>Alabama/Georgia Special Rate* &amp; Enrolled at FSU Before 7/1/07</th>
<th>Out-of-State &amp; Enrolled at FSU After 7/1/07</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-4999</td>
<td>$128.50</td>
<td>$148.50</td>
<td>$634.05</td>
</tr>
</tbody>
</table>

*Visit http://www.pc.fsu.edu/.

Course Level | In-State & Enrolled at FSU After 7/1/07 | Alabama/Georgia Special Rate* & Enrolled at FSU After 7/1/07 | Out-of-State & Enrolled at FSU After 7/1/07 |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-4999</td>
<td>$160.50</td>
<td>$180.50</td>
<td>$666.05</td>
</tr>
</tbody>
</table>

*Visit http://www.pc.fsu.edu/.

Course Level | In State | Alabama/Georgia Special Rate* | Out-of-State |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 and above</td>
<td>$388.44</td>
<td>$408.44</td>
<td>$1,019.84</td>
</tr>
</tbody>
</table>

*Visit http://www.pc.fsu.edu/.

Students enrolled in cooperative education courses with zero semester hours will be charged for one 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 semester hours (master’s comprehensive examination, master’s thesis defense, dissertation defense, or other graduate-level zero semester hour courses) will be charged for one 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: $35.00. This fee is assessed when new students register to attend the required University orientation program. Some
**Library Fees**

<table>
<thead>
<tr>
<th>(All fees subject to change)</th>
<th>Overdue Fees</th>
<th>Replacement Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>$0.25 per day</td>
<td>Billed for replacement cost at 60 days overdue, or damaged</td>
</tr>
<tr>
<td>Failure to Return Recalled Items</td>
<td>$0.25 per day</td>
<td>Billed for replacement cost at 60 days overdue, or damaged</td>
</tr>
<tr>
<td>Interlibrary Loan</td>
<td>Cost determined by the loaning library</td>
<td></td>
</tr>
<tr>
<td>Reserves</td>
<td>$3.00 per hour</td>
<td>Billed for replacement cost if lost or damaged</td>
</tr>
<tr>
<td>Videos</td>
<td>$0.25 per day</td>
<td>Billed for replacement cost at 7 days overdue, or damaged</td>
</tr>
<tr>
<td>Laptops</td>
<td>$10.00 per hour</td>
<td>$1,800 replacement cost if lost or damaged</td>
</tr>
<tr>
<td>Laptop Power Cords</td>
<td>$10.00 per hour</td>
<td></td>
</tr>
<tr>
<td>Headphones</td>
<td>$0.25 per hour</td>
<td>Billed for replacement cost if lost or damaged</td>
</tr>
<tr>
<td>Study Rooms</td>
<td>$10.00 per hour</td>
<td></td>
</tr>
<tr>
<td>Study Room Supplies</td>
<td>$10.00 per hour</td>
<td>SMART board pens: up to $50.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VGA/USB cables: up to $50.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Speakers: up to $400.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SystemOn Module: $150.00</td>
</tr>
</tbody>
</table>

**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 2012–2013 academic year and do not include transportation and personal expenses or Summer tuition and related expenses. The estimate is taken from the Office of Financial Aid Web site at [http://financialaid.fsu.edu](http://financialaid.fsu.edu).

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Florida Residents</th>
<th>Non-Florida Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition/Fees²</td>
<td>$6,496</td>
<td>$21,720</td>
</tr>
<tr>
<td>Housing³</td>
<td>$5,694</td>
<td>$5,694</td>
</tr>
<tr>
<td>Food³</td>
<td>$3,932</td>
<td>$3,932</td>
</tr>
<tr>
<td>Books/Supplies</td>
<td>$1,000</td>
<td>$1,000</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$17,122</td>
<td>$32,346</td>
</tr>
<tr>
<td>Health Insurance⁴</td>
<td>$1,541</td>
<td>$1,541</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$18,663</td>
<td>$33,887</td>
</tr>
</tbody>
</table>

The tuition and fee estimate is based on fifteen semester hours for undergraduate students attending two terms (Fall and Spring) per year at the Tallahassee campus. Refer to the Student Financial Services Web site at [http://www.sfs.fsu.edu](http://www.sfs.fsu.edu) for tuition rates for all campuses or specific programs.

² Undergraduate students at the Tallahassee campus may refer to [http://www.housing.fsu.edu](http://www.housing.fsu.edu) for on-campus rental rates.

³ Refer to [http://www.seminalodging.com](http://www.seminalodging.com) for all meal plan options.

⁴ Cost of meeting this requirement is included in financial aid considerations. Students who currently have health insurance may show proof of comparable coverage and may not be required to purchase the University policy. Refer to [http://www.uhs.fsu.edu](http://www.uhs.fsu.edu) for additional information.

**Note:** International students should refer to [http://cge.fsu.edu/newstudents/cfr/cfm](http://cge.fsu.edu/newstudents/cfr/cfm) for an estimated cost of attendance.
Payment of Fees

Payment of registration fees and tuition detailed below is an integral part of the registration process. Registration (including payment of fees) must be completed on or before the proper due date. The appropriate University office must be provided a properly executed authorization to defer fees prior to the deadline published in the academic calendar in those cases where fees are to be paid by a previously approved loan, scholarship, or other third-party arrangement. Florida Prepaid College Program without local fees does not pay the full amount due, not due 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 billing as soon as they have registered for classes. All waivers, 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 for the first two weeks of the semester, the student will be dropped from the university and include one of the following on your check: your FSUSN, the last four digits of your social security number, or your FSU email address, your driver’s license number, as well as your local phone and address. 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.sfs.fsu.edu. Students who are requesting their tuition paid by an agency must submit the required documents as soon as possible, but no later than the third day of the semester, and preferably thirty 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 Services, 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 put 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 until paid. Students who are required to pay tuition by the regularly scheduled deadline, and the University will refund to the student the amount that 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.

Departmental Billing. Departmental billings must be submitted to the Office of Student Financial Services by the appropriate college or school by the third day of each 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 departmental billings, undergraduate students should contact the Dean of the Faculties at (850) 644-3375; graduate students should contact the Dean of the Graduate School at (850) 644-3300.

State Employee Registration

Full-time state employees may use the state employee tuition waiver to register for Florida State University classes. Registration in classes using the state tuition waiver is limited to the student’s degree program. Individuals not using the state tuition waiver must be fully admitted degree-seeking or non-degree-seeking students. Florida State University does not consider the following to be space-available courses: limited access programs; remedial courses; dissertation, thesis, and directed individual study (DIS) courses; internship courses; distance learning courses; online 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 for-credit one-credit courses. Accordingly, state employee tuition waivers may not be used for these 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 at Florida State University 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 prior to or to this space-available registration window. Thus, for any class obtained prior to the fifth day of classes, the student assumes personal financial liability for tuition.

Additional restrictions and deadlines apply. See the Office of the University Registrar’s Web site at http://registrar.fsu.edu/services/emp_tuit_waive for additional information, including the link to download the State Employee Tuition Waiver form.
Florida State University  2012-13 General Bulletin Undergraduate Edition

Panama City Campus

Students who intend to enroll at the Panama City campus of Florida State University may pay their fees at: Controller’s Office, 4750 Collegiate Drive, Panama City, FL 32405. Students may pay by check, cash, money order, or cashier’s check when paying in person. Credit card payments can ONLY be made via the Internet at http://www.fees.fsu.edu. There is a non-refundable flat fee for each transaction. Accepted forms of online payment include: American Express, Discover, MasterCard, Visa, and electronic checks. For further information, please call (850) 770-2120 or e-mail cashier@pc.fsu.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://campus.fsu.edu (from Secure Apps, click My Account Statement). The 2011-2012 local fees, excluding books, not covered by the Prepaid College Program total approximately $32.04 per hour, plus lab fees ranging from $5.25 to $35.00, plus the Transportation Access Fee.

Excess Credit Hour Surcharge

Section 1009.286, Florida Statute, mandates that each student shall be assessed an additional per credit hour charge equal to 50% or 100% of the tuition for each hour in excess of a specified percentage of the total number of credit hours required to complete the baccalaureate degree, depending on their first term of enrollment in a post-secondary institution. This law is in effect for students who began their postsecondary education at any institution Fall 2009 or later.

<table>
<thead>
<tr>
<th>Post-secondary Start Term</th>
<th>Surcharge Percentage</th>
<th>Excess Hours Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2009</td>
<td>50%</td>
<td>120%</td>
</tr>
<tr>
<td>Fall 2010</td>
<td>100%</td>
<td>115%</td>
</tr>
<tr>
<td>Fall 2011</td>
<td>100%</td>
<td>110%</td>
</tr>
</tbody>
</table>

Credit hours earned under the following circumstances are included in the calculation of the threshold for surcharge assessment, unless they otherwise meet one of the exception criteria provided for in statute:

- Failed courses;
- Hours dropped after the Universities’ drop/add period;
- Courses for which a student withdraws;
- Repeated courses, except repeated courses for which the student has paid the repeat course surcharge as provided in Section 1009.283, Florida Statutes;
- All credit earned at another institution and accepted for transfer and applied toward the baccalaureate degree program.

These credit hours earned under the following circumstances are not included as hours earned toward the baccalaureate degree for purposes of determining the threshold for surcharge assessment. They may otherwise count toward and satisfy university, college, or departmental hour requirements according to University policy:

- College credit earned through articulated accelerated mechanisms such as AP, IB, CLEP, dual enrollment, national standardized tests (ACT or SAT), etc as defined in Section 1007.27, Florida Statute;
- Credit hours earned through internship;
- Credit hours required for certification, recertification, or certificate programs;
- Courses from which the student withdraws for reasons of medical or personal hardship;
- Credit taken by active-duty military personnel;
- Credit hours taken to achieve a dual major while pursuing a baccalaureate degree;
- Remedial and English-as-a-second-language credit hours;
- Credit hours earned while participating in a Reserve Officer’s Training Corps (ROTC) program.

Students have one year from the first term of enrollment at FSU to appeal the initial excess credit hour determination.

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 2009 semester, 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 2011 Semester, the repeat course surcharge was $159.87 per credit hour.

Note: The rate is subject to change for the 2012-2013 academic year.

The only exceptions:

- Any course taken prior to Fall 1997;
- Attempts taken at an institution other than FSU;
- Graduate level courses (courses numbered 5000 and above);
- Any non-fee liable course dropped or withdrawn;
- 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.

Repeal Course Surcharge Appeal

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

Delinquent Fees

Students who have amounts owed to the University may not complete their registration, participate in graduation ceremonies, receive a diploma, receive an associate in arts certificate, view grades, 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. Nonrefundable 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 Florida State University Regulation 6C2R-2.0248, students who do not pay tuition and fees or make arrangements for tuition and fee payment by the published deadline each semester will have their schedules canceled. Students will be notified using their FSU e-mail account concerning outstanding tuition delinquencies and given an opportunity to pay tuition and fees or make arrangements for tuition and fee payment with the Office of Student Financial Services prior to cancellation. Students whose schedules are canceled for non-payment of tuition and fees will have their academic progress discontinued for the term in question and will not be able to attend class or receive grades.

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

Students whose schedules are canceled for non-payment of tuition and fees may appeal to the University Registrar for reinstatement and continuation of academic progress for the term. A written appeal must be submitted to the University Registrar by the end of the seventh 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 international obligations, the State Board of Education authorizes the University to waive portions of out-of-state tuition for a limited number of students in specific categories. Students in the following categories may apply:

• Out-of-state graduate students having at least 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
• 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 the Graduate School. Tuition and fees not covered by waivers must be paid in full by the deadline as posted at [http://www.sfs.fsu.edu](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 the auditing of courses must be met, and in addition, proof of age and residency must be presented. For further information, refer to the “Academic Regulations and Procedures” 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 payment fees must be made by completing a waiver request form online at [http://campus.fsu.edu](http://campus.fsu.edu) (from Secure Apps, click Late Payment Fee Waiver). 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](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 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 third party billings are to be completed by the student at AI500 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](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 his or her course schedule cancelled. Moreover, such students 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 submit an 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, or for graduate applicants in designated sponsored programs.

Refund of Fees

**Regulations Concerning Refund of Fees Paid**

Students incur a liability for all credit hours that remain on their 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. Amounts 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://controller.vpfa.fsu.edu/Student-Financial-Services/SFS-For-Students/Forms.

Students who withdraw after the fourth 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 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 can only be provided if the refund withdrawal request is submitted within six months after the end of the term in which the unearned withdrawal occurred. If federal 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:

- **Tuition Fees.** Office of Student Financial Services, A1500 University Center; http://www.sfs.fsu.edu
- **Food Plan.** Director of Food Services, 144 Oglesby Union
- **Housing Fees.** Assistant Director of Housing for Contracts and Assignments, 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), Plus Loan for Graduate Students (PLUG), TEACH Grant, and other awards. The unearned amount of program funds is calculated based on the percentage of the semester completed before the date of withdrawal. Both the University and students receiving financial aid are required to return unearned financial aid to the aid source. The University is required to return the unearned portion of the financial aid funds it received from withdrawing students that was used to pay institutional charges such as tuition, fees, housing, and other educationally-related expenses as owed 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 a student who officially withdrew.

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 days if during those forty-five 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-study 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 Free Application for Federal Student Aid (FAFSA) is available from professional financial aid counselors located in the University Center Building A, Room 4401.

After a student completes the FAFSA and is admitted, she or he can access the financial aid file and monitor its status by visiting http://www.finaid.fsu.edu. This site also provides 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.

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 at (850) 644-0539 or at the information center Monday through Friday, 8:30 a.m. to 5:00 p.m.

**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 Collegiate Drive, Panama City; FL 32405, or by phone at (850) 872-4750.

**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, and work study, and/or student 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 Graduate School and the respective academic departments.

Eligibility

Financial aid eligibility requirements normally include a minimum enrollment of twelve 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 hours per semester constitutes a full-time load for graduate students and fellowship holders. Nine 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 2012-2013 year begins January 1, 2012, and ends June 30, 2013. 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, 2012. 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. The Summer application must be accessed through the financial aid student toolkit located on Blackboard, at https://campus.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. 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, and 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 being admitted to Florida State University, but while early application for aid is recommended (as soon as possible beginning January 1), a student cannot be awarded aid until he/she is officially accepted for admission to Florida State University.

Loan Entrance Counseling Sessions and Master Promissory Note

Federal regulations require all students receiving a Federal Stafford/Subsidized Loan, Federal Stafford Unsubsidized Loan, or Federal Perkins Loan to participate in a loan entrance counseling session and endorse a master promissory note 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 and the master promissory note links. This will connect the student with the 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. Federal Perkins Loans require an institutional promissory note which can be accessed online at http://campus.fsu.edu (from Secure Apps, click Perkins Loan Promissory Note). Students who prefer an alternative format or who have questions about loans, the loan entrance counseling, or the master promissory note 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 form online at http://campus.fsu.edu (from Secure Apps, click Account Refund Setup) by choosing one of the following two ways to receive financial aid:

1. By Electronic Funds Transfer (EFT) to your FSUCard Account at Sun Trust. (NOTE: At the time of this publication, the University is negotiating a banking contract and the chosen bank will be published by the FSUCard Center.) 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 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 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://campus.fsu.edu (from Secure Apps, click My Account Statement).

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 on the Web at http://www.sfs.fsu.edu.

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

Note: Financial aid students who are having their tuition paid by an agency or department billing should submit the required documents no later than the third 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 Check Cancellation

Deferments

Students must confirm their application is complete by the first week of the semester by going to http://campus.fsu.edu and viewing their Financial Aid Student Toolkit.

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 that their financial aid has arrived and all requirements have been met by the deferment expiration date. Go to http://campus.fsu.edu (from Secure Apps, click My Account Statement). You will then see your courses and fees detailed. With your temporary deferment, your total balance may show “Szero” ($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 sfaid@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.

Short Term Loans

Students in need of funds as a result of financial aid being delayed may apply for a short term loan (also known by the name delayed delivery loan) online at http://campus.fsu.edu. 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. Short term loans will be disbursed approximately one business day after the loan has been approved and disbursed according to the disbursement method indicated on the student’s Account Refund Setup. 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. Short term 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.

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

Emergency Loans

Students who have emergency situations such as death in the family or unexpected major medical or dental bills may apply for an emergency loan at the Office of Financial Aid. Documentation and a picture ID 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 it arrives thereafter. If the loan has already been disbursed, the student is required to notify Student Financial Services in writing within fourteen days that they do not want part or the entire 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 FSUCard, cash, cashier’s check, or money order, or the original check can be brought to the Office of Student Financial Services, A1500 University Center. Students who want to refuse loans after the fourteen-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 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 (https://campus.fsu.edu) and select the Exit Interview for Financial Aid option. Students will need their user name and password to sign onto the Blackboard 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.

The Federal Work Study Program (FWSP)

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

Students may also utilize their Federal Work Study awards by participating in community service through the Community Service Work Study Program (CSWSP). 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 FWSP and CSWSP, 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.

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.fldoe.org. Residents of other states should check with their state’s Department of Education for additional aid that may be available to them.

Visit the Office of Financial Aid Web site at http://www.financialaid.fsu.edu to find a list of scholarships available through the State of Florida, Florida State University, and the 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.
Housing

Director of University Housing: Adrienne Otto Frame, 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; 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 their 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 direct computer connection line for each resident. Phone and cable services can be contracted for an additional charge. Residents must provide their own linens. Bicycle pads for parking are situated outside each hall, but residents must provide their own lock and chain.

Alumni Village

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

Costs

Residence Halls for Single Undergraduate Students

Semester rate includes mail service, direct computer connections, and refrigerator rental. The cost of a standard double, air-conditioned room is $2,250.00* per semester.

Note: A limited number of single and double rooms with private baths are available at an additional cost per semester. Payment schedules are outlined on the University Housing Web site at http://www.housing.fsu.edu.

Apartment Housing for Non-Married Students

- Rogers Hall (apartments) monthly, per student (including utilities and local telephone): $455.00.*
- McCollum Hall (apartments), per semester, per student (including utilities and local telephone): $2,390.00–$3,100.00.*

Alumni Village

One-bedroom furnished apartment: $420.00*
Two-bedroom furnished apartment: $455.00–$580.00*
Three-bedroom furnished apartment: $660.00*

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 2011–2012 figures and are subject to change. 2012-2013 fees were not available at the time of publication.

Visitation Options

Limited Visitation. Visitation within student rooms by members of the opposite gender 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 gender 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. The Office of University Housing sends a housing agreement upon request. Most students will apply for housing electronically. An online housing agreement is available at http://www.housing.fsu.edu.

As space is limited, interested students are urged to submit their agreement 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 students are given the opportunity to express preference, no guarantee can be given that specific room or hall preferences can be met.

Special Living Units

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

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

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

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 two learning communities: the Women in Math, Science, and Engineering (WIMSE), and the Music Living-Learning Center. The Women in Math, Science and Engineering Program provides support for women studying science, mathematics, and engineering fields through faculty interaction, study groups, and peer education. The Music Living–Learning Center in Cawthon provides first- and second-year music students the opportunity to live and study in a residential college environment. This program creates opportunities for students to evaluate the place and purpose of music in their lives, as a career, as a creative outlet, as a life-long avocation, and as a means of serving others and benefiting their community.

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 Pre-Health Professions Learning Community. The Pre-Health Professions Learning Community 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 Living-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 freshmen students who have declared nursing as their major.

For additional information about special programs, please visit the University 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.

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, Oglesby Union.

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Office of New Student & Family Programs

Assistant Dean of Students/Director: Patrick Heaton; Associate Director: Andrea Failing

All new undergraduate students are required to attend an orientation, advisement, and registration session coordinated by the Dean of Students Department’s Office of New Student & Family Programs. 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, comprised of 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 semester of courses until they have completed an orientation session. The Office of New Student & Family Programs 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. New Student & Family Programs also coordinates a shared reading program (One Book / One Campus) for first-year students. Family Members have the option to participate in Family Connection (http://family.fsu.edu), an association for the family members of current Florida State University students.

All admitted undergraduate students receive information and instructions about registering for orientation by mail upon admission. Attendance is by reservation only, and participants must pay a nonrefundable fee. For more information about orientation or other programs, please visit http://www.nsfp.fsu.edu or call (850) 644-2785.

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.

Center for Global Engagement

Director: Cindy Green; Associate Director: Kristen Hagen; Assistant Director: Joy (Maria Lourdes) M. Ira

In addition to the University Orientation mentioned above (see ‘Office of New Student & Family Programs’), 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 welcome letter sent along with the appropriate immigration form (I–20 or DS–2019) to newly admitted students.

During International Student Orientation, students are provided with important information on maintaining their legal non-immigrant student visa status while obtaining their academic degree at FSU. 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 Center for Global Engagement advisers, even regarding academic matters.

Students also receive the International Student Handbook, as well as useful materials about Center for Global Engagement services and programs, 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 Center for Global Engagement staff, obtaining health insurance, clearing required immunizations at University Health Services, and attending the International Student Orientation.

To obtain more information on F1 and J1 student visa status and on the Center for Global Engagement and its services and programs, please visit http://cge.fsu.edu or contact the Center for Global Engagement at 110 South Woodward Avenue; phone (850) 644-1702; fax (850) 644-9951; e-mail: cge@admin.fsu.edu.
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 responsible freedom. Freedom is an important experience that the University, one of the freest of institutions, provides for all of its citizens: faculty, students, administrators, and staff. Freedom is responsibly exercised when it is directed by ethical standards.

As the Florida public university most deeply rooted in the liberal arts tradition, Florida State University not only focuses on intellectual development, but also on a carefully nurtured concern for the moral 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 life and can 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, religion, national origin, age, disability, veterans’ or marital status, sexual orientation, gender identity, gender expression, or any other protected group status. 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 acknowledgement 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. The University expects each individual to make a special effort to ensure that all are treated with dignity and respect and accorded the full opportunities of the University. Racism, whether in assumptions, attitudes, acts, or policies, is incompatible with the concept of responsible freedom as espoused by 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.

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 under “Section 6: Policies and Procedures.”

Academic Honor Policy

Introduction

The statement on ‘Values and Moral Standards at FSU’ says: “The moral norm which guides conduct and informs policy at Florida State University is responsible freedom. Freedom is an important experience which the University, one of the freest of institutions, provides for all of its citizens – faculty, students, administrators, and staff. Freedom is responsibly exercised when it is directed by ethical standards.” (See above ‘Values and Moral Standards at FSU’ section of this chapter.)

The statement also addresses academic integrity: “The University aspires to excellence in its core activities of teaching, research, creative expression, and public service and is committed to the integrity of the academic process. The [Academic Honor Policy] is a specific manifestation of this commitment. Truthfulness in one’s claims and representations and honesty in one’s activities are essential in life and vocation, and the realization of truthfulness and honesty is an intrinsic part of the educational process.” (See above ‘Values and Moral Standards at FSU’ section of this chapter.)

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. The Academic Honor Policy Committee may take direct jurisdiction of a case under extraordinary circumstances when it is determined by a majority vote of the committee that taking direct jurisdiction is appropriate.

Students in the College of Law and the College of Medicine are governed by the academic integrity policies and procedures of their respective colleges, which are subject to approval by the Academic Honor Policy Committee.

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 The 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.** 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; or using facts, figures, graphs, charts or information without acknowledging the source.

2. **Cheating.** Improper access to or use of any information or material that is not specifically condoned by the instructor for use in the academic exercise. 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; or 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.** 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 practice or clinical experiences; altering grade reports or other academic records; submitting a false excuse for absence or tardiness in a scheduled academic exercise; or lying to an instructor to increase a grade.

5. **Multiple Submissions.** 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; or 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.

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.

3. Students are also accorded the following prerogatives:
   - when possible, to discuss the allegations with the instructor.
   - privacy, confidentiality, and personal security.
   - to be assisted by an adviser who may accompany the student throughout the process but may not speak on the student’s behalf.
   - to choose not to answer any question that might be incriminatory.
   - 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 discover whether the student has a prior record of academic dishonesty in order 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 and adjunct instructors must seek guidance from their department chair.) However, faculty members or others who do not have administrative authority for enforcing the Academic Honor Policy should not be informed of the allegation, unless they have established a legitimate need to know. If pursuing a Step 1 agreement (refer to http://dof.fsu.edu/content/download/21142/136635) 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 (refer to http://dof.fsu.edu/content/download/21142/136635). Four possible outcomes of this discussion may occur:

1. If the charge appears unsubstantiated, the instructor will drop the charge, and no record of academic dishonesty will be created. The instructor should make this decision using the “preponderance of the evidence” standard.

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 (refer to http://dof.fsu.edu/content/download/21142/136635), 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. Any grade imposed as the result of an academic sanction will remain on the student’s transcript indefinitely and will not be subject to course drop or withdrawal.

3. The student may accept the responsibility for the violation, but contest the proposed academic sanction. In this circumstance, the student must submit the “Academic Honor Policy Referral to Contested Sanction” form (refer to http://dof.fsu.edu/content/download/21145/136644) 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 (refer to http://dof.fsu.edu/content/download/21149/136662) 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 ninety 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 seven class days from the student’s receipt of the charge letter. The process then proceeds to Step 2.

http://dof.fsu.edu/content/download/21142/136635
http://dof.fsu.edu/content/download/21149/136662
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 (refer to http://dot.fsu.edu/content/download/21149/136662) and appropriate documentation to the Office of the Dean of the Faculties.

Allegations of academic dishonesty involving a graduate student engaged in any phase of the preliminary examination, thesis, or dissertation will be treated as egregious and will be resolved through the Step 2 process, in which the major professor will serve as the "instructor" under the hearing procedures. The Dean of the Faculties and the student's academic dean, (as well as the Vice President for Research in cases involving grant-funded research), should be informed as soon as possible of all such allegations. The decision regarding whether a hearing referral will be made by a committee consisting of the department chair and two faculty members appointed by the academic dean, one of whom should be the student's committee member serving as the University representative (if one has been identified), excluding the major professor. In rendering its decision, this committee should review all available information and consult with the major professor and the academic dean.


A panel consisting of five members shall hear the case. The panel shall include: one faculty member appointed by the dean from the unit in which the academic work is conducted; 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 votes only in case of a tie.

The hearing will be conducted in a non-adversarial manner with a clear focus on finding the facts within the academic context of the academic work. The student is presumed innocent going into the proceeding. After hearing all available and relevant information from the student and the instructor, 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, the academic unit, the Dean of Students Department, and the 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. Any grade imposed as the result of an academic sanction will remain on the student's transcript indefinitely and will not be subject to course drop or withdrawal. 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.

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. Dismissal is considered a final sanction, but readmission is possible in some cases under documented exceptional circumstances. No consideration will be given to readmitting a dismissed student within the first three years after a dismissal is imposed.
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.
13. Suspension of degree, in cases where an offense is discovered after the degree is posted.
14. Revocation of degree, in cases where an offense is discovered after the degree is posted.

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 extraordinary disproportionate to the offense committed.
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 ten class days after being notified of the Academic Honor Policy Hearing Panel decision. This letter should outline the grounds for the appeal (see 1-5 above) and should provide supporting facts and relevant documentation.
2. The Academic Honor Policy Appeal Committee will review this letter of appeal and will hear the student and any witnesses called by the student, except in appeals based on consideration #5 above. The committee may also gather any additional information it deems necessary to make a determination in the case.
3. The Appeals Committee may affirm, modify, or reverse the initial panel decision, or it may order a new hearing to be held. This decision becomes final agency action when it is approved by the Provost. In cases where the student is found responsible, the decision becomes a confidential student record of academic dishonesty.
4. Appellate decisions are communicated in writing to the student, the instructor, the Office of the Dean of the Faculties, and the Dean of Students Department within thirty class days of the appellate hearing.

Academic Honor Policy Committee

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

Amendment Procedures

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

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 the Graduate School 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 the Graduate School 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.

Student Academic Relations Committee (SARC) of the Faculty Senate

The Faculty Senate Committee on Student Academic Relations hears appeals from students concerning decisions about their academic work which they have evidence to show to have been arrived at improperly or unprofessionally in departments, schools, or colleges. The committee elects its chair annually from among the faculty representatives and reports its findings and recommendations to the Vice President for Academic Affairs. Students wishing to make appeals to the committee on student academic relations should consult the Office of the Dean of the Faculties. Appeals to this committee are made after all other available remedies have been exhausted.

University Student 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.

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 must 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 arrange 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.

**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 'Grievance Procedure' section of this chapter for a complete description.
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 advice, 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 graduation;
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 College of Motion Picture 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 adviser contact information may be located by visiting http://undergrad.fsu.edu/advisors/index.html.

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://www.academic-guide.fsu.edu.

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 adviser assignment 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 an exploratory category. Students in this category are expected to declare a formal departmental major early in their second year of enrollment. Students still deciding on a specific major should contact the Center for Exploratory Students in Johnston Ground at (850) 645-2847. Although the exploratory category 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 the chapter “Undergraduate Degree Requirements” in this General Bulletin for additional details.

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.

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, provided they meet the eligibility requirements of the new major, by submitting a completed major change form to the Advising First Central Office, 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://undergrad.fsu.edu/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 realignment to a different adviser through their dean’s office.

Exploratory Category

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 an exploratory category in which they can examine their academic options. Students still deciding on a specific major should contact the Center for Exploratory Students in Johnston Ground at (850) 645-2847. Although the exploratory category is a good option for undecided students in their first semesters at the University, students must select a departmental major before they can be certified into an upper-division degree program. See “Progression to Upper Division” in the chapter “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 provides 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 Center for Exploratory Students, the Classroom Building, and Strozier Library. The Center for Exploratory Students, located in Johnston Ground, focuses on advising 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 majors under the University mapping system. Advising First Central Office: A3200 University Center; (850) 644-3430; http://www.AdvisingFirst.fsu.edu.

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 yet 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 through Secure Applications.

Pre-professional Majors

Pre-law 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 pre-law society, Phi Alpha Delta, where they will receive special information and services focusing on pre-law issues. Students may come to Advising First to obtain a list of advisers who specialize in working with pre-law 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 is also available through this office. For further information, visit 408 College of Medicine, or call (850) 644-7678.

Academic Support for Athletes

Student Athlete Academic Support (SAAS) assists student-athletes with the transition into college and provides continued support in all phases of academic and professional development throughout college, culminating with gradu-
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, financial aid advising, 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; http://care.fsu.edu.

Pre-Collegiate Programs

College Reach Out Program (CROP) is a state-funded program established to identify, motivate, and prepare disadvantaged middle and high school students to pursue post-secondary education. Through supplemental academic assistance, enrichment activities, educational field trips, and college tours, CROP prepares students for the rigors of a college education. The University Experience Program is the summer residential component of CROP offering high school students from disadvantaged socioeconomic backgrounds the opportunity to visit the Florida State University campus during the summer. They attend academic courses and take part in cultural enrichment and college exposure activities. The Upward Bound Program (UBP) is a federally-funded program that serves high school students from low socio-economic backgrounds. Located at East Gadsden High School in Gadsden County, Florida, Upward Bound offers developmental opportunities to students through a variety of educational activities, including an on-site computer lab dedicated to UBP participants. UBP staff also assists students in the development of personal and social skills that will help them complete high school and continue their formal education in a post-secondary setting.

Academic Center for Excellence (ACE)

The Academic Center for Excellence (ACE) is a University learning center focused on helping undergraduate students develop the study skills and personal success habits that enhance learning and encourage the highest level of academic achievement. ACE provides free peer tutoring, study skills workshops, individual consultations with faculty, preparation for graduate school entrance exams, and a one-credit study skills course (SLS 1122) available to all undergraduate students. The ACE Learning Studio is located at G051 Johnston Ground in the William Johnston Building. Additionally, ACE faculty are located in A4304 University Center; (850) 645-9151; http://ace.fsu.edu.

Reading-Writing Center

The Reading-Writing Center (RWC) provides individualized assistance with all aspects of the reading and writing processes. All FSU students are eligible to schedule an appointment with a staff member either by visiting or calling one of the three RWC locations (222C Williams Building, Johnston Ground, or Strozier Library). Students may also apply to register for course credit in ENC 1905, ENG 5998, orREA 1905. Applications are available at the RWC or online. (850) 644-6495; http://wr.english.fsu.edu.

Mathematics Help Center

The Mathematics Help Center offers tutorial assistance for mathematics courses: MAT 0024C, 1033; MAC 1105, 1114, 1140, 2233, 2311; MGF 1106, 1107; and limited help in MAD 2104 and MAC 2312, 2313. The Mathematics Help Center is a part of the ACE Learning Studio in Johnston Ground. (850) 645-9151; http://ace.fsu.edu.

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.

Living-Learning Communities

First year students at Florida State University have the opportunity to participate in one of seven living-learning communities. Each community is directed by an FSU faculty member. Participants live together in University housing and enjoy academic experiences that focus on a theme or major. Information and applications are available through University Housing, http://housing.fsu.edu. The seven communities are: Bryan Hall Learning Community (curiosity and the desire to learn); Music Living-Learning Community; Nursing Learning Community; Pre-Health Professionals learning Community; Social Justice Living-Learning Community; Social Science and Public Affairs Learning Community; and the Womc, in Math, Science, and Engineering (WMSÉ).

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 (ONF) assists students in pursuing opportunities for academic and personal enrichment by providing information and support for over sixty nationally competitive fellowships. Using a unique mentoring model, ONF staff challenges students to articulate and communicate their academic and career goals as they work through the fellowship application process. Students are provided a venue for identification and achievement of their academic, public service, creative, and leadership goals. A3550 University Center; (850) 644-7596; http://onf.fsu.edu.

Office of Undergraduate Research

The Office of Undergraduate Research (OUR) is the resource for information and support for research opportunities available at FSU. Research is an exciting way to engage in an academic discipline outside of the classroom. Research projects can take many forms—an experiment done in a laboratory, a scholarly research project reliant upon archival work, fieldwork and interviews conducted to address a social concern, or an artistic project performed in a concert hall—all of these options are available to Florida State University students. 3600A University Center; (850) 645-8118; http://our.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 evaluations for each undergraduate transfer student who enters without an Associate in Arts (AA) degree from a Florida public post-secondary institution. 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 “Academic Regulations and Procedures” 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 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
4. Acceptance by a baccalaureate dean for admission to a major’s advisement program

A student who has attempted seventy-five 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.
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, Bachelor of Social Work, 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.

At about the end of the sophomore year, students formally select a major and request acceptance by the college 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 or more semester hours of credit, are eligible to be admitted directly into the college of their choice provided they meet minimum requirements for the major selected.

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 semester hours, as follows:
   - Area I. Mathematics (six semester hours)
   - Area II. English Composition (six semester hours)
   - Area III. History/Social Science (six to twelve semester hours)
   - Area IV. Humanities/Fine Arts (five to eleven semester hours)
   - Area V. Natural Science (seven 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 coursework 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 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 degrees, including admission, prerequisite, core, etc., both degree programs may appear on the diploma. A list of degree programs is available in the “Academic Degree and Certificate Programs” chapter of this General Bulletin. Major names are not printed on university diplomas.

4. A minimum adjusted grade point average (GPA) of 2.0 on all coursework taken at Florida State University and an overall 2.0 average on all college-level work attempted.

5. Successful completion of a minimum of one hundred twenty unduplicated semester hours, only two hours of which may be in physical education activity courses.

6. Completion of at least forty-five semester hours in courses numbered 3000 and above, thirty of which need to be taken at this University.

7. Completion of the last thirty semester hours and half of the major course semester hours, in residence at this University. In cases of emergency, a maximum of six hours of the final thirty 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 hour requirement provided that the student has earned at least thirty semester hours credit at Florida State University.

8. Students who have entered a university in the State of Florida, Division of Colleges and Universities, with fewer than sixty hours of credit in the fall of 1976 or any time thereafter are required to earn at least nine hours prior to graduation by attendance in one or more Summer terms at one of the State University System 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. Prior to 2011, students who had earned nine semester hours of credit through approved acceleration methods (AP, IB, CLEP, and approved dual enrollment courses) were exempt from the summer residency requirement. Effective 2011, this exemption is no longer available.

9. Satisfaction of the foreign-language admissions requirement by having two sequential units of the same foreign language in high school, or eight semester hours of the same foreign language in college, or documented equivalent proficiency.

10. Successful completion of coursework constituting the student’s program of studies, minor, honors thesis, or certification examination does not guarantee the awarding of the baccalaureate degree. Faculty judgment of the academic performance of the student is inherent in the educational process in determining whether the awarding of the baccalaureate degree or admission into a higher level degree program is warranted.

Note: For the purpose of establishing residency, the various Summer sessions 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://learningforall.fsu.edu/smals/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
Assistant Dean: Sara Hamon
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 semester hours of mathematics and six semester hours of English composition, six to twelve semester hours in social science/history, five to eleven semester hours in humanities/fine arts, and seven semester hours in natural science (one course must be accompanied by a scheduled laboratory) for a total of thirty-six semester hours.

Liberal Studies Requirements

The liberal studies requirements must be met by completion of appropriate coursework or by combination of coursework and credit by examination within the limits set below:

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

2. **Coursework.** An overall 2.0 average or better is required for coursework used to satisfy the liberal studies requirements.

3. To satisfy the requirements of Florida State University for Section 1007.25, Florida Statutes (Gordon Rule), 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.

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 coursework prior to enrollment in English composition and/or mathematics courses. See ‘Required Preparatory Courses’ in the “Academic Regulations and Procedures” chapter of this General Bulletin.

**Symbol Legend**

- **C** Stands for combined lecture and laboratory
- **L** Stands for laboratory
- **R** Stands for “repeatable” and indicates that the course may be taken more than once
- **W** Denotes a course that meets Gordon Rule writing requirements (i.e., a writing intensive course)
- **X** Denotes a course that meets Cross-Cultural requirements
- **Y** Denotes a course that meets the Diversity in Western Culture requirements
- ***** Denotes a course that meets literature requirements

**Area I. Mathematics**

Students must complete (or be exempted from with credit) at least six semester hours in mathematics. Eligible students will enroll, as space permits, in three 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 semester hours of the mathematics liberal studies requirement should normally be completed by the end of the sophomore year.

Students must complete three semester hours in the Department of Mathematics and three 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 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 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.

- **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 to twelve semester hours, including a minimum of three semester hours of history and three semester hours of social science.

**History**

- **AMH 1991W** The African American Experience in the United States (3)
- **AMH 2010W, 2020W** A History of the United States (3, 3)
- **AMH 2095W** The American Indians and the United States (3)
- **AMH 2096W** Black Women in America (3)
- **AMH 2097W** Nationality, Race, and Ethnicity in the United States (3)
- **AMH 2583y** History of the Seminoles and Southeastern Tribes (3)
- **ASH 1044xW** Middle Eastern History and Civilization (3)
- **ASH 3100xW** History of Asia (3)
- **EUEH 2000W** Ancient and Medieval Civilizations (3)
- **EUEH 3205W** 19th-Century Europe: A Survey (3)
- **EUEH 3530W** England, the Empire, and the Commonwealth: 18th Century to
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<table>
<thead>
<tr>
<th>Area IV. Humanities/Fine Arts</th>
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<tbody>
<tr>
<td>Courses that meet the liberal studies requirement are marked by an asterisk (*). Credit toward the liberal studies requirement is limited to one semester hour in each ensemble course.</td>
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</table>
REL 3493 Religion and Science (3)
REL 3505W The Christian Tradition (3)
REL 3607W The Jewish Tradition (3)
* RUT 3110yW Russian Literature in English Translation (3)
RUT 3514x Russian Folklore and Fairy Tales (3)
RUT 3523y Russian Cinema (3)
* SLL 350x Slavic Culture and Civilization (3)
SLL 351x The Slavic Vampire (3)
* SPT 3130xW Latin American Literature in Translation (3)
SPT 3391x Hispanic Cinema (3)
THE 2000yW Introduction to Theatre (3)
* THE 3214W World Theatre History II (3)
WST 3251yW Women in Western Culture: Images and Realities (3)

Area V. Natural Science

Students must complete a minimum of seven 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 2301 Evolution of Human Sexuality (3)
ANT 2511x Introduction to Physical Anthropology and Prehistory (3)
ANT 2511L Introduction to Physical Anthropology and Prehistory Laboratory (1)
AST 1002 Planets, Stars, and Galaxies (3)
AST 1002L Introductory Astronomy Laboratory (1)
BSC 1005 General Biology for Non-majors (3)
BSC 1005L General Biology Laboratory for Nonmajors (1)
BSC 2010L Biological Science I (3). (For science majors.)
BSC 2010L Biological Science I Laboratory (1)
BSC 2011L Biological Science II (3). (For science majors.)
BSC 2011L Animal Diversity Laboratory (2). (For science majors.)
CHM 1020 Chemistry for Liberal Studies (3)
CHM 1020L Chemistry for Liberal Studies Laboratory (1)
CHM 1032 Survey of General Chemistry (3)
CHM 1045 General Chemistry I (3)
CHM 1045L General Chemistry I Laboratory (1)
CHM 1046 General Chemistry II (3)
CHM 1046L General Chemistry Laboratory II (1)
CHM 1050 Honors General Chemistry I (3). (For science majors.)
CHM 1050L Honors General Chemistry Laboratory I (1). (For science majors.)
CHM 1051 Honors General Chemistry II (3). (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)
GLY 1000 Dynamic Earth (3)
GLY 1000L Dynamic Earth Laboratory (1)
GLY 1030W Environmental Issues in Geology (3)
GLY 1042 Planetary Geology (3)
GLY 1070 Living on the Water Planet (3)
GLY 1102 Dinosaurs and Disasters on an Evolving Earth (3)
GLY 2100C Physical Geology (4). (For science majors.)
GLY 2100L Historical Geology (3)
HUN 1201 The Science of Nutrition (3)

How Transfer Credit Applies to the Liberal Studies Program

The Office of Undergraduate Studies evaluates transfer credits as they apply to the Liberal Studies Program and loads the results into the SASS system. Students with the AA degree or General Education Statement from a Florida public university, state college, community college, or other colleges with which Florida State University maintains an official articulation agreement are exempted from the above evaluation.

The Multicultural Requirement

Students who would be truly educated must have an appreciation of the interrelatedness of and the diversity within cultural traditions. The multicultural understanding requirement recognizes and reflects the full range of human groupings and cultural perspectives as well as the complex relationships among them. Its role is to enhance students’ self-understanding and their understanding of the contemporary cultural context, a context characterized by a rich diversity of cultures and experiences in which the Western European intellectual tradition figures as one among many.

Multicultural courses include cross-cultural studies (those courses marked with an “x”) and diversity in Western experience (those courses marked with a “y”). All students who enter the University with fewer than sixty semester hours must complete at least one “x” and one “y” course. Students transferring to the University with sixty credits or more must complete one multicultural course from either designation. These courses may be taken as part of the liberal studies requirement, as electives, or as part of a student’s major.

The multicultural requirement must be completed with the grade of “C-” or higher prior to the receipt of the baccalaureate degree.

(X) Cross-Cultural Courses

ANT 2410 Introduction to Cultural Anthropology (3)
ANT 2416 Childhood around the World (3)
ANT 2460 Anthropology of Food (3)
ANT 2511 Introduction to Physical Anthropology and Prehistory (3)
ANT 3141 World Prehistory (3)
ANT 3212 Peoples of the World (3)
ANT 3610 Language and Culture (3)
ANT 4175 Archaeology of the Islamic World (3)
ANT 4241 Anthropology of Religion (3)
ANT 4242 Symbol and Ritual (3)
ANT 4309 Conquest of the Americas (3)
ANT 4323 Peoples and Cultures of Mexico and Central America (3)
ANT 4352 Peoples and Cultures of Africa (3)
ANT 4363 Japanese Society and Culture (3)
ANT 4422 Kinship and Social Organization (3)
ARH 2090 Great Discoveries in World Archaeology (3)
ARH 3530 The Arts of Asia (3)
ARH 4554 Arts of Japan (3)
ARH 4675 The Art and Culture of the Maya (3)
ASH 1044 Middle Eastern History and Civilization (3)
ASH 3100 History of Asia (3)
CCJ 3677 Crimes against Humanity (3)
CHT 3391r Chinese Cinema and Culture (3)
CLT 3378 Ancient Mythology, East and West (3)
CPO 2002 Introduction to Comparative Government and Politics (3)
CPO 3034 Politics of Developing Areas (3)
CPO 3303 Politics of Latin America (3)
CPO 3403 Comparative Government and Politics: The Middle East (3)
CPO 3541 Politics of China (3)
GEA 1000 World Geography (3)
GEO 1400 Human Geography (3)
GEO 4421 Cultural Geography (3)
HFT 2062 International Wine and Culture (3)
HFT 2716 International Travel and Culture (3)
HFT 2890 International Food and Culture (3)
HUN 2125 Food and Society (3)
ISC 2063 Global Change: Its Scientific and Human Dimensions (3)
JPT 3391r Japanese Film and Culture (3)
LAH 1093 Latin America: A Cross-Cultural History (3)
LIT 2230 Introduction to Global Literature in English (3)
MUH 2051 Music Cultures of the World: Music of Tribal and Folk Cultures (3)
MUH 2521 Music Cultures of the World I (2)
PHM 2300 Introduction to Political Philosophy (3)
PRT 3391r Brazilian Literature and Film in Translation (3)
REL 1500 Introduction to World Religions (3)
REL 2315 Religions of South Asia (3)
**Oral Communication Competency**

Competency in oral communication is indicated by demonstrating the ability to clearly transmit 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 substitutes may include but not be limited to:
   a. A grade of “B” or above in a high school oral communication or speech class;
   b. Verified successful participation in a forensic or debate program in high school, community college, or college; or
   c. Passing with a “C–” or higher a course in public speaking 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 (one to three 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 1017, Fundamentals of Speech, or SPC 2608, 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.

**Currently Certified Courses:**

- **AFR XXXX** Sequence of three courses. (see the Department of Aerospace Studies for details)
- **CJL 4565** Courts and Social Policy (3)
- **CIS 4250** Ethics and Computer Science (3)
- **COM 3110** Communication for Business and the Professions (3)
- **ECH 2050** Chemical Engineering Communications (2)
- **EDG 4410** Classroom Management and Professional Issues (3)
- **EEL 4911C** Senior Design Project I (3)
- **EES 3040** Introduction to Environmental Engineering Science (3)
- **AND**
- **CGN 4800** Pre-Senior Design and Professional Issues (2)
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.
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
- The ability to perform simple transactions using the Web/Internet

College-Level Communication Skills

The requirement of minimum communication and computation skills as stated in Section 1007.25, Florida Statutes applies to the rules for academic progress to be followed by students in the state universities of Florida. The statewide graduation requirements of these rules follow.

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, and 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.
3. By satisfying College-Level Examination Program (CLEP) requirements in mathematics for post admission exemptions of coursework.

Any student who has satisfied CLEP requirements in mathematics and whose high school transcript shows successful completion of higher mathematics coursework, 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 critical reading 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 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 semester hours of credit for ENC 1101. A score of 4 or 5 on a single exam earns the student six 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.

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 fifty-two semester hours of college credit.
2. 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.

3. Students who begin 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.

4. 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.

5. 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 semester hours of transferable credit will be assigned to the Division of Undergraduate Studies. Students with fifty-two 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 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.
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 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 of the last thirty semester hours of work must be earned in residence. Successful completion of the Liberal Studies Program with a 2.0 GPA or better is 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 baccalaureate degree to be awarded in the same semester. Also, the Associate in Arts certificate cannot be awarded once a bachelor’s degree has been conferred. The awarding of the AA certificate does not alter the calculation of the cumulative GPA at 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 Educator Preparation Programs, state that students planning to enroll in a teacher-education program at Florida State University must: (1) complete all University liberal studies requirements; (2) take and pass the General Knowledge portion of the Florida Teacher Certification Exam (FTCE); and (3) acquire a passing score on the Professional Knowledge and Subject Area tests of the Florida Teacher Certification Exam (FTCE) prior to the final term internship and graduation. 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 semester hours of credit or two terms prior to the planned graduation date.

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 semester hours (hours earned plus current enrollment to equal 100), a stop will be placed on the student’s future registration.

Application for Graduation

Application for a degree must be made by the date stated in the academic calendar in this General Bulletin during the term in which the student expects to graduate. Students can apply for graduation online through Blackboard’s Secure Apps. If the student is unable to graduate at the end of the term for which application was made, he/she must reapply for the degree no later than the deadline for the next term in which he/she expects to graduate.

The Bachelor of Arts Degree

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

1. Completion of a classical or modern foreign language through the 2000 level (2200 or equivalent course)
2. Nine 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 and Information (not including work in communication disorders or information), and the departments of Classics; English; History; Modern Languages and Linguistics; Philosophy; or Religion in the College of Arts and Sciences.

The Bachelor of Science Degree

The Bachelor of Science (BS) degree requires all the general criteria listed at the beginning of this section.

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 semester hours in residence are completed, in addition to the hours required for the first degree. The additional thirty 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 semester hours. There are no liberal studies 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.

University policy prohibits the awarding of more than one degree from a specific degree program due to the overlap of core requirements of that degree program. Students should seek guidance from their advisers or their college when choosing to pursue a double major or dual degree. This policy applies to both current and readmitted students.

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
- 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 semester hours of letter-graded work, including the final term’s work.
2. The student must have the required grade point average on all work taken at this University.
3. The student must have the required overall grade point 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.

Policy for Awarding Degrees

The Florida State University helps students meet their academic goals by monitoring academic progress toward their degree.

If an undergraduate student has completed his or her respective degree requirements, the Academic Dean of the student’s program confirms this, and the student is eligible to be awarded the degree, the University reserves the right to award the degree. Once the degree is awarded, the student must be readmitted to Florida State University in order to enroll in any courses.

Students pursuing double majors or dual degrees must formally notify their academic dean of their intent. Undergraduate students pursuing dual degrees in different disciplines must obtain formal approval of their academic dean, following established University procedures for such approvals.

Should the University invoke its prerogative to award a degree once a student has completed all stated degree requirements, the student may appeal this decision. If the student can demonstrate that continued enrollment is necessary to achieve his or her academic goals, the appeal may be granted. Reasons such as, but not limited to, desire to continue financial aid, participate in student activities, and access student services do not constitute legitimate reasons for appeal.

Any undergraduate student who wishes to appeal for continued enrollment, thereby postponing graduation, must submit a written request to the student’s academic dean no later than ten class days after being notified that the University is invoking its right to award the degree. This appeal will be reviewed by a committee composed of the student’s primary academic dean, the Dean of Undergraduate Studies, and the University Registrar. The committee must find evidence to support the student’s claim of a legitimate academic need in order to grant permission to continue taking courses.
ACADEMIC REGULATIONS AND PROCEDURES

Required First Day Attendance Policy

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

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. A student reported for excessive absence in any course may be required by the academic dean to drop the course with the grade of “F”.

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

The Director of Student Health Services does not issue excuses to students. A card indicating date and time of admission, discharge or treatment will be given to the student for presentation to the faculty member in a timely manner. Ultimately, the authority for deciding whether the student is excused for medical reasons rests with the instructor.

Students who are members of an intercollegiate team are required to attend all scheduled class meeting times or scheduled online activities associated with the course delivery. Absences due to illness, personal/family emergencies, or injury must be documented. Failure to adhere to the attendance policy may result in sanctions up to and including suspension from the athlete’s sport for the remainder of the season. This policy includes required attendance and completion of all final examinations or evaluations for each class in which the athlete is registered. Student-athletes must remain in good academic standing in order to maintain eligibility during post-season games, the upcoming semester, and future competitive seasons. Arranging to make up work missed because of legitimate class absence is the responsibility of the student.

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

Classification of Students

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

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

Non-Degree Seeking Student Regulations

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

1. Non-degree seeking students may enroll for fewer than twelve semester hours (underload) without permission.
2. In place of the retention schedule system for regular students, non-degree seeking students in classification six must meet the following requirements: after attempting fifteen semester hours, undergraduate non-degree seeking 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, non-degree seeking students in classification seven must meet the following requirements: after attempting twelve semester hours, graduate non-degree seeking 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 and dismissal from the University.
5. Non-degree seeking students may register for any course or courses on an S/U basis. Non-degree seeking 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. Consult the “Academic Regulations and Procedures” chapter of the **Graduate Bulletin** for policies relating to non-degree seeking student status at the graduate level.

Registration of Non-Degree Seeking Students

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

Reclassification from Non-Degree Seeking Student to Regular Status

Non-degree seeking students wishing to change to regular-student status must apply for admission through the Office of Admissions. Refer to the “Admissions” chapter of this **General Bulletin** for admission procedures and deadline dates.

Work taken as a non-degree seeking student carries no degree credit. Up to fifteen semester hours earned as a non-degree student may be applied toward an undergraduate degree, with approval of the appropriate dean at the time of reclassification or later.

Course Loads

Florida State University regards fourteen to fifteen semester hours as a normal full-time load, and a student will not be considered full-time with fewer than twelve semester hours. Students should take into account the requirement to take nine semester hours of credit in the summer. A student who maintains a twelve semester hour (low/normal) load will not graduate in four academic years unless a total of twenty-four semester hours are taken during summer sessions.

A course load of more than eighteen semester hours or less than twelve semester credit hours must be approved by the academic dean, and in no case may a student register for or receive credit for more than twenty-one semester hours. A student on academic probation must enroll for not fewer than twelve and not more than fifteen semester hours. Non-degree seeking students are not required to obtain an underload permit.

International undergraduate students must enroll in at least twelve semester hours during each of the Fall and Spring semesters to maintain legal immigration status. An international student adviser may authorize a reduced course load in certain circumstances. Students who wish to enroll in a reduced course load for a given semester must submit a request for authorization to an adviser at the Center for Global Engagement before the end of the drop/add period for that semester. An unauthorized reduction in course load may result in serious immigration consequences. For a complete definition of the full course of study for immigration purposes, to access the reduced course load information and request forms, please refer to http://www.cge.fsu.edu/.
See the Graduate Bulletin for policies regarding course loads for graduate students.

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 students taking directed individual study courses in that department or program. 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.

Office of the University Registrar

Registrar: Kimberly A. Barber; Associate Registrars: Ann DeRossi, Andrew Konopelsky, Dianne Skinner
Location: A3900 University Center; phone: (850) 644-1050; e-mail: registrar@admin.fsu.edu; Web: http://registrar.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.

All changes in permanent and local addresses, name, social security number, division and majors, and residency, should be made online or reported to this office immediately.

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://www.disabilitycenter.fsu.edu.

Registrar Cancellation of Schedule

Students allowed to register in error are canceled 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 Florida State University Regulation 6C2R-2.0248, students who do not pay tuition and fees or make arrangements for tuition and fee payment by the published deadline each semester will have their schedules canceled. Students will be notified using their FSU e-mail account concerning outstanding tuition delinquencies and given an opportunity to pay tuition and fees or make arrangements for tuition and fee payment with the Office of Student Financial Services prior to cancellation. Students whose schedules are canceled for non-payment of tuition and fees will have their academic progress discontinued for the term in question and will not be able to attend class or receive grades.

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

Students whose schedules are canceled for non-payment of tuition and fees may appeal to the University Registrar for reinstatement and continuation of academic progress for the term. A written appeal must be submitted to the University Registrar no later than the end of the seventh 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.

Student Cancellation of Schedule

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

International students who wish to cancel their registration must request and receive prior authorization from a Center for Global Engagement adviser. In addition, international students should submit the SEVIS Update Form, available at http://www.ic.fsu.edu/currentstudents/sevis.cfm.

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. To add courses after the first four days of classes may require the academic dean’s approval. Courses dropped during this period do not appear on the student’s transcript. 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 semester hours or increase an academic load above eighteen semester hours (to a maximum of twenty-one semester hours). Dean’s approval for an overload or underload must be submitted to the Office of the University Registrar.

A cumulative maximum of two courses may be dropped between the eleventh and twelfth week of classes during the semesters in which the student has earned fewer than sixty hours of college credit; tuition charges will remain. A student may only drop one course after earning sixty hours of college credit and until graduation; tuition charges remain. In addition to courses involved in allegations of academic dishonesty, other courses may be designated by the dean as not subject to this “late drop” provision. Courses dropped during this period appear on the student’s transcript with the notation “W.” See the “Academic Calendar” in the Registration Guide for the semester specific deadlines.

Except in cases where a student is petitioning to use one of the three drops allowed under the policy above, any course drop petition after the seventh week of classes (with dates prorated for individual Summer sessions), will be considered only in documented exceptional circumstances that are beyond the student’s control, as determined by the student’s academic dean. Academic deans exercise their administrative and academic judgment in making final determinations about drop eligibility. Course drops are never approved when there are unresolved allegations of academic dishonesty in a course or when a course grade reflects an Academic Honor Policy penalty.

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 a grade of “F” if the courses are not officially dropped. Students changing from a previous bulletin 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 incontinence 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 Office of the University Registrar, A3900 University Center.

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.

### 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](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](http://campus.fsu.edu), click the Secure Apps tab and select My Unofficial Transcript.

### Proof of Enrollment

All student certifications will be by official request only. Students in need of enrollment verification should submit an electronic request through the Secure Apps section of [http://campus.fsu.edu](http://campus.fsu.edu). Select Certification Request. Follow the instructions to obtain your certification letter. Your letter will be processed the following business day. Written requests may be submitted directly to:

- Office of the University Registrar
- Florida State University
- A3900 University Center
- 282 Champions Way
- PO Box 3062480
- Tallahassee, FL 32306-2480.

Former students or outside agencies may request an enrollment verification or degree verification online from the National Student Clearinghouse at [http://www.degreeverify.org](http://www.degreeverify.org).

### 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 days. When the record includes information on more than one student, only the information pertaining to the student making the request will be given.

### Parental or Third Party Access to Records

Students may give a designated parent(s) authority to review their University financial status by logging onto [https://campus.fsu.edu](https://campus.fsu.edu) and selecting the Parent/Third Party Access link. Granting access to a parent or third party to view information in this manner also authorizes University personnel to discuss those records with the designated parent or third party.

### 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. To register online, go to [http://registrar.fsu.edu](http://registrar.fsu.edu) and choose “Register Online” from “Registration Tools”. 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 very 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](http://registrar.fsu.edu).

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

Students are advised to organize their materials 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 instructor permission. It is important to take care of any academic or administrative hold (stop) before attempting to register.

### 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 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. All permits must be completed by the end of the seventh week of classes of the Fall or Spring semester, or by the prorated term deadlines published in the Summer Academic Calendar. 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 prior to the deadlines published in the academic calendar.

### 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 University Registrar.

### Required Preparatory Courses

A student entering as a freshman who has a score of 430 or below on the Critical Reading Subtest administered as part of the Scholastic Aptitude Test (recentered SAT), 16 or below on the English section of the Enhanced American College Testing Program examination (ACT), or 22 or below on the Florida College Entry-Level Placement Test (CELP), or failure to pass the on-campus writing test administered by FSU’s English department, will be required to complete a “Precollege Writing” course. Such students will not be allowed to register for ENC 1101 during the first term of enrollment unless they score sufficiently high on the on-campus writing test administered by FSU’s English department.

Students entering as freshmen who have a recentered SAT mathematics score of 340 or below, an Enhanced ACT mathematics score of 18 or below or 71 or less on the Florida CELPT must take the on-campus Supplemental...
Mathematics Skills test. On the basis of scores on the SAT/ACT mathematics tests and the Supplemental Mathematics Skills test, students will, as space permits, be: (1) placed in MGF 1106 or higher; or (2) be required to take community college preparatory coursework in mathematics, either MAT 0024C or MAT 1033. Tallahassee Community College offers MAT 1033 on the campus of Florida State University year round; however, TCC only offers MAT 0024C on the FSU campus during the Summer semester. Students who do not pass MAT 0024C during the Summer will be required to take it on the TCC campus. Students completing MAT 0024C with a passing grade must register for MAT 1033 in their next term of enrollment. Students taking MAT 1033 must pass this course with a grade of "C-" or better before registering for advanced math classes. If MAT 1033 is not passed with a grade of "C-" or better, it must be repeated in the next successive term until a passing grade is achieved. All remedial coursework must be completed with a passing grade: "Satisfactory" for S/U graded coursework or "C-" for letter graded coursework.

**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, 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 non-degree seeking 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.

**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 semester hours; and (3) has the advance approval of the college 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.

**Note:** Effective August 2011, the GRE Revised General Test replaced the GRE General Test. To learn more about this new test, go to [http://www.ets.org/gre](http://www.ets.org/gre).

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

**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. Students taking courses at the host university on a satisfactory/unsatisfactory (S/U) basis will be held to the home institution policies regarding the total number of courses allowed on the S/U basis or in a specific degree or major. Students are encouraged to consult their academic adviser about any limitations prior to registration.

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.
6. Faculty and full-time students at either institution have equal access to the library facilities at both institutions.
7. Students must maintain a minimum 2.0 cumulative Florida State University GPA to be eligible to participate in the co-op program. Prior to attempting twelve hours, students who fail to maintain the 2.0 GPA may consider themselves on probation, although no entry will be placed on their transcript, and they may continue to enroll, assuming all other conditions of eligibility are met. After attempting twelve hours, students must meet and maintain the minimum 2.0 cumulative GPA to continue enrolling through the program.
8. 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.

3. **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.

4. **Fees.** The student will pay fees to the host institution.

5. **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 except in the case of international credits. An official course-by-course evaluation is required for all academic records from non-U.S. institutions. Students should refer to the “International Student Admission” section in the “Admissions” chapter of this General Bulletin. Interinstitutional transient students must be recommended by their own academic dean and must pre-register with 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.
Undergraduate Course Examinations

Final examinations in undergraduate courses are discretionary within any given department, but all students, including graduating seniors and graduate students, who are enrolled in an undergraduate course having a final examination are required to take the examination. The scheduling of a final examination at any time other than the regularly scheduled final examination period is prohibited by 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. Unless an exam is given during the final examination period, no test may be given during the last week of classes.

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 is required for any change in examination time for an individual undergraduate student. The student must first receive written permission from the instructor if the instructor is willing to give a make-up examination at a specified time within the exam week. The student must then petition the dean, giving the reason for the requested exception, and supported by the instructor’s written permission. The dean will then notify the instructor in writing if approval is granted.

Make-up examinations are permitted for an undergraduate student when justified by illness, conflicting examinations, four or more examinations in a 24-hour period, or for certain emergencies. Arrangements should be made prior to the scheduled exam.

In case of conflicting examinations, group examinations take precedence over examinations scheduled by class meeting time. In the case of conflicts that cannot otherwise be resolved, the course meeting earlier by day and time takes precedence over a course meeting later.

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

Exceptions to the Examination Policy for an Undergraduate Class. Courses that utilize the University Assessment Center for a block exam, or which are otherwise limited to specific days and times because of seating and scheduling constraints, will take precedence in the case of final exam schedule conflicts. It is the student’s responsibility to identify such conflicts as early as possible and to notify all instructors in advance so that accommodations may be made. 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 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>
<th>Grade</th>
<th>Quality Points Per Credit Hour</th>
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<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>D–</td>
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<tr>
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</tr>
<tr>
<td>Pass</td>
<td>P</td>
<td>N/A</td>
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Grade Point Average

Quality points are assigned for each semester hour as listed above. In computation of the required grade point average (GPA) for retention and conferral of a degree, the total number of quality points is divided by the total number of semester hours for which letter grades are received.

All regulations tied to a specific grade average should be interpreted to mean the numerical average associated with that specific grade. Hence, the required “C– average or better” on all liberal studies courses is interpreted as “2.0 average or better.”

Students may repeat courses in which they received a grade of “D” or “F.” Only the original grade 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 “*” 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 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 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 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 or the equivalent prorated Summer deadline.

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 letter-grade option.
### 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” and a default grade based on the actual work completed in the class to date. 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.

Effective Fall 2010, any “I” grades awarded will also be accompanied by the default grade. If the student fails to complete the coursework by the determined term, the default grade will replace the “I” and become the final grade. Students may not complete the work at a late date and expect to replace the final grade.

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 chair and the dean of the college.

Once a degree has been awarded, all coursework leading to that degree is considered final and not subject to change. Grade changes or withdrawals for coursework that applies to the awarded degree may be considered only in cases of documented University error or in cases where the courses in question are documented as applying to a degree that is still in progress.

### Forgiveness Policy

Effective Fall 2004, Florida State University has discontinued the forgiveness policy for all students. Please refer to the ‘Drop/Add or Changes of Schedule’ section in this chapter for additional information.

### Academic Retention

All students must demonstrate satisfactory academic progress for retention and continued enrollment at Florida State University. Satisfactory academic progress includes, but is not limited to, successful completion of credit hours and progression toward completing a degree. The University reserves the right not to retain students who do not demonstrate satisfactory academic progress.

Students should refer to the table below indicating the necessary grade point average (GPA) on all coursework 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 coursework attempted for credit at the college level, but does not 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. Statuses of “academic warning,” “probation,” or “reinstated from dismissal” do not specifically prohibit a student from participating in extracurricular activities unless otherwise specified by University policy, rules, or by-laws governing the activity or organization. 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.

### Dismissal and Reinstatement

The dismissed student must consult the student’s academic dean at the time of dismissal about criteria governing possible readmission to the University. Students dismissed because of low grade point averages (GPA) may be readmitted by: (1) achieving the required minimum average through correspondence courses offered by the State of Florida, Division of Colleges and Universities; (2) attending and graduating with an Associate in Arts (AA) degree from a Florida public postsecondary institution (or in an accredited institution within or outside the state) and who receive an Associate in Arts degree with an overall 2.0 average will have the probationary status and their previous Florida State University average removed upon application for readmission, and will be guaranteed a maximum of sixty semester hours.

### Continuous Enrollment

Continuous enrollment at Florida State University is defined as enrollment without an interruption of two or more consecutive semesters (including Summer term). Credits earned at other institutions during any semester while not registered at Florida State University will not constitute continuous enroll-
Readmission

Please refer to the “Admissions” chapter in this General Bulletin for readmission policies for returning students who have not been dismissed.

Withdrawal from the University

All students who wish to leave the University during a term must formally withdraw. Dropping all classes does not constitute formal withdrawal. Students who do not attend classes and fail to withdraw will be assigned grades of “F” for each course. Withdrawals are initiated in the withdrawal services section of the Office of the Dean of Students in the University Center.

The statement “Withdrawn from the University” will appear on the transcripts of students who properly withdraw within the first seven weeks of class. After that date, depending on the quality of work at the time of withdrawal, grades of “W” or “F” will be assigned by instructors and placed on the student’s transcript with the withdrawal statement. Under documented exceptional circumstances (beyond the student’s control), as determined by 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 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 Reentry’ 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; non-degree seeking students must complete the original application process. Formal application must be made to the Office of Admissions by the published deadline. Students who left the University on dismissal must receive notice of the dismissal before reinstatement by the academic dean. Students are eligible for reinstatement at the University before any decision can be made on the readmission application. (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 a Center for Global Engagement adviser. In addition, international students should submit the SEVIS Update Form, available at http://www.cge.fsu.edu/.

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 or more times, subsequent readmission will first be considered by a committee whose charge is to assess the student’s capability of making satisfactory progress toward degree. This committee, appointed by the Council of Associate and Assistant Deans, will then make a recommendation to the dean of the student’s college, who will make the final decision.

Medical Course Drop/Withdrawal

Medical course drops are generally recommended for approval by the dean for unforeseeable illnesses or injuries that have interfered with the student’s ability to complete specific course(s). Similarly, medical withdrawals (all courses dropped) may be approved for acute, severe illnesses, or injuries that incapacitate the student. Chronic conditions generally do not qualify unless the student has been stable for a sustained length of time and then experiences an unexpected change in health status. Students with chronic or recurring health problems should consult with their clinicians and carefully assess a realistic class schedule based on their condition and their likelihood of relapses. At the time this Bulletin went to press, these policies were under review and may be subject to change. For information regarding medical course drops and medical withdrawals, visit http://withdrawal.fsu.edu/health.html or call the Withdrawal office at (850) 644-1741.

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
- Get questions answered about financial aid
- Plan your course of study and 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

Each student is automatically assigned a FACTS PIN code to log on to the FACTS.org Web site. This PIN is also used when students wish to be transient students and take courses at another college/university for a semester. For more information regarding the FACTS PIN, refer to the Registration Guide.

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, prerequisites, etc., for that second major.

Correspondence Study

All correspondence instruction for the Florida State University System 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 anywhere, anytime through regular mail and fax (some by e-mail). Independent Study offers more than 150 courses to students who would like either a flexible degree structure 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 and may not be transferred.

Transfer Credit

Transfer credit is normally allowed for courses completed at or through other regionally accredited institutions of higher learning. No credit, however, is allowed for college-level coursework, or for coursework completed with grades below “D-,” and only up to six 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 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 MGF course meets “Gordon Rule” requirements, the course will be accepted in partial fulfillment of Section 1007.25, Florida Statutes. (See the “Undergraduate Degree Requirements” chapter of this General Bulletin.) Students not needing another mathematics course for their major may use this as their second course; students needing more mathematics will follow Florida State University guidelines regarding their next course.

College work completed with satisfactory grades by a student at a regionally accredited institution of higher learning, prior to graduation from high school, will apply in the normal manner toward the baccalaureate degree at Florida State University. The Office of Admissions must be provided an official transcript of such work. An official course-by-course evaluation is required for all academic records from non-U.S. institutions. Students should refer to the ‘International Student Admission’ section in the “Admissions” chapter of this General Bulletin. Graduate students should refer to the ‘Transfer Credit’ section in the “Graduate Degree Requirements” chapter of the Graduate Bulletin.

Credit for Nontraditional Courses, Including Short Courses

Nontraditional courses have many different purposes, including the certification 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 total contact hours; a two-hour course must have thirty total contact hours; a three-hour course must have forty-five total contact hours. Alternatively, other nontraditional courses/settings must have an appropriate substitute(s) for the above contact hours, e.g., distance learning might include student/teacher interaction, student interaction with professor-designed materials, or other appropriate interactions. In no case can credit be given with less student participation than the above hours stipulate. Any alternative course(s) must document equivalency with traditional course(s) when such traditional courses exist.

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

Programs for Acceleration

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.

Dual Enrollment

Students who are enrolled in college coursework 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 coursework. These programs permit the qualified student to earn by examination up to thirty semester hours of credit toward liberal studies requirements and up to forty-five 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 coursework requirement of forty-five 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 full 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.

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 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 forty-five semester hours of credit for scores of four 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)

The Florida State University grants credit in lieu of coursework for the CLEP subject matter examinations. Credits are awarded to any regularly admitted, degree-seeking undergraduate student who scores at or above the 50th percentile level of the sophomore norms on the CLEP examinations. Students receive appropriate credit, provided they have not attempted credit at the college level in the subject area or received credit in the subject area through AICE, AP, or IB. Academic deans shall have the authority to make exceptions concerning examinations that may fall within a subject area for which a student has existing credit.
At The Florida State University, CLEP examinations are administered through the Office of Evaluation Services, an open test center for CLEP. Eligibility to receive CLEP credit at The Florida State University will be verified by the Office of Admissions.

**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 semester hours of credit equivalent to ENC 1101.

**Note:** University policy subject to change for SAT with the introduction of the writing subscore.

**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 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 coursework 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, Board of Governors 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 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. If a student exceeds six years in pursuit of the baccalaureate degree, the University may specify that the degree requirements of the most current General Bulletin will apply. 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 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 ten years old they are subject to reevaluation by the appropriate dean before they can be applied toward graduation.

**Degree-Seeking Status at Two Separate Institutions**

Under certain circumstances students may wish to pursue degrees at Florida State University and another institution simultaneously. In all cases students in this situation must consult their Florida State University academic adviser and academic dean to request approval in advance. If approval is granted, students may enroll at Florida State University and another institution under the following conditions:

1. Students are responsible for complying with all rules, regulations and policies of both institutions, including but not limited to: admission standards, academic rules, residency, fees, graduation requirements, university, college and departmental deadlines, and student codes of conduct. Florida State University is under no obligation to waive or otherwise modify any polices, requirements, or deadlines to facilitate the student’s enrollment at another institution.

2. Enrollment certification and degree verification issued by Florida State University will be based solely on current registration hours with Florida State University and any awards, honors or degrees posted by Florida State University. The University will not combine enrollment or degree verification with another institution.

3. Students receiving financial aid must designate one institution as the primary institution for financial distribution. The primary institution will be responsible for monitoring awards and delivery of aid. Florida State University will not combine enrollment hours with another institution for financial aid purposes.

4. Students who are planning to transfer courses to Florida State University should seek advising in advance of doing so. The University limits the number of transfer hours a student may bring in depending on the type of degree and program. Hours used to satisfy a previous degree, either at Florida State or another institution, cannot be counted toward the current degree the student is pursuing.

**Note:** Different conditions, rules, and policies may apply in the event that Florida State University has an approved consortial or cooperative agreement with the second institution. Students should be aware that approval by Florida State University to pursue degrees at Florida State and another institution in no way binds the other institution to a similar approval. Students are encouraged to consult with the second institution about its policies before enrolling in any courses.

**Official E-mail Accounts for All Students at Florida State University**

The official method of communication at Florida State University is your FSU e-mail account. In order to stay informed and aware, you are required to set up and maintain your account and check it three times per week. If you choose to have your official FSU account forwarded to another e-mail account, you are still held responsible for all information distributed by the University to your FSU account.

Florida State University's Information Technology Services now offers new communication and online collaboration services for students and alumni, which includes:

- A free 10GB lifetime @my.fsu.edu e-mail account
- Up to 25GB of free cloud-based file storage
- Free online computer backup/synchronization utilities
- Free online collaboration tools
- Online MS Office Web Applications
- Mobile access to FSU e-mail and more…

The myFSU service, which is funded in part by the University’s Student Technology Fee, replaced the University’s former e-mail system (@fsu.edu) for all students and alumni at the end of Fall 2011. Students and alumni should go to http://fsu.edu/myfsu to confirm their settings.

Questions regarding the activation of myFSU accounts can be answered by calling 644-HELP (4357) or visiting http://www.helpdesk.fsu.edu.

**Student Addresses**

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

(Numbers in parentheses indicate the number of credits awarded)

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* Subject to change. Recent legislation calls for an annual review of acceleration to determine the appropriate examination scores and course equivalents for which credit is to be granted.

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

(Numbers in parentheses indicate the number of credits awarded)

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Credit may be awarded for other exams based on content and score.

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## CLEP Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

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<td>MAC 2233 (3)</td>
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<td>CHM 1020 (3)</td>
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<td>College Composition</td>
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### Foreign language exams, CLEP

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*Subject to change. Recent legislation calls for an annual review of acceleration to determine the appropriate examination scores and course equivalents for which credit is to be granted.

1Effective December 2007

2Effective August 2008
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)

Over the years, the scope and focus of honors work at Florida State University has evolved 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:** James Mathes; **Associate Director:** Margaret R. Allen; **Assistant Directors:** Jeffrey Badger, Shelby J. Huffman

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, which highlight the institution’s strengths in teaching, research, and community service. Please visit [http://honors.fsu.edu](http://honors.fsu.edu) for more information.

University Honors Program

The University Honors Program is designed for students who are entering full-time college studies for the first time. The program is intended to help the University’s most talented students develop into excellent scholars, leaders in their communities, and innovators in their professions. To do this, the program encourages students to take advantage of the special opportunities available at 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 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) or by completing an Honors Thesis for an Honors in the Major. 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 twenty-five students each. Honors seminars are three 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 fifteen honors students.

**University Honors Colloquium.** The University Honors Colloquium is required for honors students during their first year in the Honors Program at Florida State University. This one 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.

**Individual Honors-Augmented Courses.** The Individual Honors-Augmented Course Contract gives honor students additional opportunities to enrich course requirements in their majors and earn honors credits towards the Honors Medallion. Honor students may earn up to six individual honors-augmented credit hours in upper-division (3000-4000 level), non-honors courses in their major by contracting with faculty to complete additional work in the courses. To earn individual honors-augmented credit, the honor student and faculty member must complete a contract within the first two weeks of the semester.

Honors students may elect to take graduate classes for up to six credit hours that can count toward the Honors Medallion. Graduate courses that are basic competency/review classes (e.g. a language-reading course) are excluded. The course must be taken for a grade; P/F and S/U courses will not count.

**Honors Medallion Requirements.** A minimum of nine semester hours of honors coursework (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 semester hours of honors credit required for the medallion through any combination of further honors coursework, 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 Blackboard Organization, which is part of the University’s online learning Web site, [http://campus.fsu.edu](http://campus.fsu.edu). The application must be submitted to the University Honors Office by the first day of the semester for which the DIS will be registered. The Director of the University Honors Office will decide whether to accept or deny the application for honors credit based on the content of the application. The honors DIS is intended to be a project that meets the following five 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 or by The Center for Leadership and Civic Education.
5. The DIS must involve at least thirty 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.

**Graduate Classes.** 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 online Blackboard organization. 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 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.
4. The project must involve at least thirty hours of work for each credit hour-equivalent of progress allowed toward the Honors Medallion.
Admission Requirements

Standard Admission. Admission into the University Honors Program is by invitation only. Decisions about admission are based on an evaluation of the entire record that a student has submitted to Florida State University during the general undergraduate admissions process, including the strength of academic curriculum. There is no separate application form for the Honors Program. Letters of invitation to the University Honors Program are sent by mail approximately two weeks after notification of general admission to the University. The average academic profile of students that were offered honors invitations in 2011 was as follows: 4.3 academic GPA; 31 ACT composite; 2050 SAT total.

Conditions of Admission: Acceptance into the Honors Program is subject to receipt of student’s written response to the Honors invitation by the stated deadlines, successful senior year performance, and high school graduation.

Admission by Petition. Students who are accepted to Florida State University as freshman but do not receive a letter of invitation may petition for admission to the Honors Program by submitting a petition portfolio. When available, the petition portfolio requirements are posted at http://honors.fsu.edu/admissions.html. The academic profile of the middle 50th percent of the petition applicants that were offered honors invitations in 2011 was: 4.0-4.325 academic GPA; 28-30 ACT composite; 1920-1975 SAT total.

Conditions of Admission: Acceptance into the Honors Program is subject to receipt of student’s written response to the Honors invitation by the stated deadlines, successful senior year performance, and high school graduation.

Lateral Admission. Any incoming freshman student who was not admitted to the Honors Program through the standard admission process or by submitting a petition portfolio has the opportunity to apply for lateral admission. When available, the lateral admission application is posted at http://honors.fsu.edu/admissions.html. First time in college freshmen may apply for lateral admission during their first Fall semester at Florida State University. Students offered lateral admissions to the University Honors Program join the program the Spring semester following their first fall semester. Students will be evaluated on the basis of their FSU cumulative and term GPAs, college coursework, and expressed interest in the Honors Program as reflected in the application. Typically, students offered lateral admission enroll in at least twelve graded credit hours and earn at least a 3.80 FSU GPA during their first Fall term.

Note: Decisions about lateral admission are made after Fall term grades are posted. Students offered lateral admission to the University Honors Program are required to attend an Orientation prior to the start of the Spring semester. Students who are admitted laterally are held to the same program requirements as students admitted by standard admission.

Retention

To remain in the University Honors Program, students must enroll in and pass the University Honors Colloquium during their first year in the University Honors Program. Incoming freshman and laterally admitted freshman are required to take HUM 2944 section 01 or section 02. In addition, to remain in the program students must maintain at least a 3.20 FSU cumulative GPA, must complete four hours of Honors credits by the end of the Spring semester of their sophomore year, and must complete at least seven hours of Honors credit by the end of the Spring semester of their junior year.

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 or Gilchrist Hall honors-residences; however, honors students are not required to live on campus. Students wishing to live in Landis Hall or Gilchrist Hall must submit a separate housing application listing their desired residence as their first hall preference. General residence hall assignment is determined on a first-come, first-served basis; placement 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 or Gilchrist Hall.

Acceptance into the University Honors Program does not guarantee University housing in Landis Hall, Gilchrist 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

Many colleges and departments of Florida State University participate in 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. While many students conduct traditional research as part of the Honors in the Major program also supports the creative endeavors of those students in majors such as Creative Writing, Dance, Film, Music, Studio Art, and Theatre.

Students who successfully complete the requirements of the program, including completion and defense of an honors thesis or creative project, become eligible to graduate “with honors,” which is noted 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. For more information, visit http://honorsinthemajor.fsu.edu.

Eligibility

Students must contact the University Honors Office in the semester before they intend to register for thesis hours in order to submit a formal application to the program. The application must show that the student has the required grades and credits, a proposed thesis topic, sufficient time prior to graduation to complete the project, a thesis director, and the approval of the chair or director of the academic department or program in which the student is majorsing. 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.

The University Honors Office requires that prospective students have at least sixty semester hours and at least a 3.20 cumulative FSU GPA. Transfer students must have a 3.20 overall FSU GPA, including all transfer work, and a 3.20 GPA on at least twelve FSU semester hours. Students should note that they may choose not to count credits that are five or more years old, as long as the most recent sixty semester hours average a 3.20 GPA. Departments retain the right to set their own specific eligibility criteria which may include, but are not limited to, cumulative and/or major course GPA higher than 3.20 and prerequisites or corequisite courses or seminars. Please contact your department’s undergraduate faculty liaison for specific information.

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. 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
• 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
• Participating in the thesis defense

Completion of the Honors Thesis

Typically, each student in the program works on the thesis project for two or three semesters. A prospectus is due to the University Honors Office during
the first semester of research. 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. Further details and specific forms regarding the prospectus are available from the Honors in the Major Blackboard organization site at [http://campus.fsu.edu](http://campus.fsu.edu).

During each of these semesters, the student must enroll in one to three semester hours of thesis credit using the appropriate course number provided by the student’s major department. Students must earn a total of six to nine honors thesis credits and must receive at least a “B-” in each of these courses. A student who does not have six credit hours of work graded “B-” or better will not be eligible for program completion and graduation with Honors. Students must also maintain at least a 3.20 cumulative FSU GPA until graduation. Several departments have additional requirements; students should contact the undergraduate faculty adviser in their major department in which the thesis work will be based for further information.

The student orally defends the completed honors thesis in a meeting with the supervisory committee. Following a successful defense, the student must submit the required defense forms (available from the Honors in the Major Blackboard organization site) and one electronic copy of the completed thesis to the University Honors Office no later than the official last day of classes in the defense semester. Further details and specific deadlines are available from the administrative coordinator of the Honors in the Major program or at the Honors in the Major Blackboard organization site at [http://campus.fsu.edu](http://campus.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.

Honors 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 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 of their class scholastically;

   B. Undergraduates must have earned at least sixty semester hours, with at least twenty-four graded semester hours at this institution; and

   C. Graduate and professional students must have earned at least twenty-four graded semester hours at this institution.

II. Lower-division Societies

   A. Must be in the top twenty percent of their class scholastically;

   B. Must have earned at least twelve 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 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 3.65 GPA for seniors), language study, and other criteria. For information, please visit [http://pbk.fsu.edu/](http://pbk.fsu.edu/), or contact Dr. Annelise Steffisburg, (850) 644-1282, all9002@my.fsu.edu.

- **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 of their respective colleges. Seniors must be in the upper ten percent of their respective colleges. Graduate and professional students must rank in the upper ten percent of their respective college. All students must have at least twenty-four graded semester hours at Florida State University. For information, call (850) 644-2451/644-0387 or e-mail lmahler@admin.fsu.edu.

- **Golden Key International Honour Society** honors undergraduate and graduate academic achievements. The Florida State University chapter was chartered in 1984. The University chapter presents a yearly Outstanding Scholar Award and regularly sponsors projects in local schools and community events. The University chapter was named the Florida State University Campus Organization of the Year and has been recognized for excellence by the national organization. Every Fall, the chapter automatically invites those students with at least thirty semester hours and in the top fifteen percent of the sophomore, junior, senior, or graduate class. For information, e-mail ruhkanc@fsu.edu.

- **Phi Eta Sigma** is the oldest and largest national freshman honor society. The Society’s mission is to encourage and reward academic excellence among first-year students in institutions of higher learning. Each spring, invitations to membership are sent to full-time students with a cumulative grade point average of at least 3.5 during their first year in college. Lifetime membership is conferred upon induction. Participation in chapter programs and volunteer opportunities is optional. Activities that are available exclusively to Phi Eta Sigma members include chapter leadership, workshops, tutoring, study groups, and peer advising. Selected members represent Florida State at the biannual national conference. Annually, members may apply for the Florida State chapter’s $1,000 endowed scholarship to support undergraduate research and national scholarships of $1,000-$10,000. For information, e-mail PhiEtaSigma@fsu.edu.

- **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) 644-9776, or e-mail ekennelly@admin.fsu.edu.

### Leadership/Scholastic Societies

The **W.E.B. Du Bois Honor Society**, established 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 nineteenth and twentieth centuries. The purpose of the W.E.B. Du Bois Honor Society is to honor the memory of the outstanding educator, Dr. W.E.B. Du Bois by promoting the pursuit of academic excellence in all fields of higher education, engaging the community of scholars in service to others, and recognizing the outstanding achievements of the society’s members. The Du Bois Society supports, guides, and encourages member involvement in other leadership and honorary...
organizations at Florida State University. Membership is open to all full-time undergraduate students of sound character who have achieved a 3.3 cumulative GPA at Florida State University, are in the top 20% of their class, and have earned at least thirty semester hours at this University. Letters of invitation will be sent to eligible students at least once each academic year. Transfer students and seniors will be considered for membership on an individual basis. For more information, contact the Undergraduate Studies Dean’s Office, (850) 644-2740, or The Center for Academic Retention and Enhancement, (850) 644-9699.

Omicron Delta Kappa is the national leadership honor society for faculty and students. The society was founded in 1914 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 the homecoming breakfast honoring outstanding Florida State University Grads Made Good, the faculty-staff spring mixer, and 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. For information, visit http://sga.fsu.edu/organizations/odk/, call (850) 644-3342, or e-mail odeen@fsu.edu.

Mortar Board is a national honor society that recognizes students for superior achievement in scholarship, leadership, and service. The national organization was founded in 1918 and the Florida State University Torchbearers chapter in 1931. Each year Mortar Board sponsors and participates in events to provide service, advance the spirit of scholarship, and facilitate cooperation among honor societies. Every fall and spring, students with a minimum of sixty hours (twenty-four of which must be earned at FSU), an FSU GPA of 3.25 or in the top 25% of their class (whichever is higher) in their respective colleges are invited to apply for membership. Mortar Board members are not only recognized as the top scholars and leaders on campus, but are presented with the unique opportunity to join a diverse group of students from vastly different disciplines and interests. For information call (850) 644-2451 or e-mail ercabtree@fsu.edu.

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 fifteen semester hours at that campus with a GPA of 3.5 or higher. For information e-mail crios@pc.fsu.edu.

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/Latin culture. Membership into the OASHHS shall be granted to those sophomores, juniors, seniors, and transfer students who have attained a 3.3 GPA or above and who have fulfilled the required coursework. The OASHHS is a scholar/leadership society. To become a member of this organization, contact Undergraduate Studies Dean’s Office, (850) 644-2740, or The Center for Retention and Enhancement, (850) 644-9699.

Garnet and Gold Key, founded in 1924, is the oldest leadership honorary 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 Torch Night, which recognizes the top one hundred incoming freshmen and the cofinal of The Royal Ogleby 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 please visit http://sga.fsu.edu/ggkey/ or e-mail wwoodyard@cob.fsu.edu.

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/ or e-mail lmahler@admin.fsu.edu.

Discipline-Specific Academic Honor Societies

College of Arts and Sciences

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-only journal, Bios; holding meetings at which undergraduate research papers are presented in the style of graduate meetings; and awarding competitive research stipends to support undergraduate research and publication. New members (any major) are invited twice a year to join the Sigma Tau Chapter at FSU. To qualify, new members must have completed three courses in Biological Science and maintain a science GPA of 3.0. For additional information visit http://tri-beta.neuro.fsu.edu/.

The honors organization of the Department of Classics is Eta Sigma Phi, founded in 1924 to promote the study and appreciation of classical languages and cultures. The Florida State University chapter, organized in 1926 as the first collegiate chapter in the United States. The chapter arranges lectures, poetry readings, slide presentations, movies, translation contests in Greek and Latin, and tours. New members are invited twice a year, based on a “B” average in Greek and Latin courses. For further information, visit http://www.etasigmaphi.com/.

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). Both undergraduate computer science majors and graduate students in computer science are eligible for election to membership. For full details on the current UPE membership requirements, please visit http://upe.acm.org/membership.html. For comprehensive information about UPE, visit http://upe.acm.org/ or contact Dr. D. Gaitros, dga@sga.fsu.edu.

The Department of English sponsors a chapter of the Lambda Iota Tau literary honor society. The society is open to majors and minors in English and Modern Languages and Linguistics who have completed sixty 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, workshops on going 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, an honor and professional society dedicated to promoting the study of history. The chapter sponsors speakers, seminars, and publications. Students, who need not be history majors, may apply for membership. Undergraduate students are eligible upon completion of twelve semester hours in history with a 3.2 GPA and a 3.0 overall GPA. Graduate students need twelve semester hours in history and a 3.5 overall GPA.

The honors society of the Department of Mathematics is Pi Mu Epsilon, founded nationally in 1914 and at 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 Association, the Student Actuarial Society, and the student-led Graduate Student Seminar. For more information, e-mail advis@math.fsu.edu.

Chi Epsilon Pi is the honor society for outstanding meteorology students in the Department of Earth, Ocean, and Atmospheric Science. The Florida State University chapter has existed since 1966. In order to be eligible for membership, graduate students must have at least nine 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 Meteorology program. Undergraduate students are eligible upon completion of at least seventeen graded semester hours of meteorology coursework at 2000 level or higher, and must have at least a 3.5 GPA in this 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 Meteorology program. Other criteria exist for non-degree seeking students. Students are inducted each Spring.

The Department of Modern Languages and Linguistics has five honor societies with different focuses.

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 undergraduate members must have a 3.0 GPA overall and in French classes, with at least one French class on the 3000 level. Graduate students must have a 3.0 GPA in French as well as an overall GPA of 3.0, and must have completed one semester of graduate work in French. For more information, contact Dr. V. Osborn, (850) 644-8601.

German. Delta Phi Alpha has had a chapter at the University since 1979. Minimum requirements include a 3.5 GPA in German and a 3.0 overall GPA, and at least three German courses above the language requirement with an “A” average in each. Students may be enrolled in the third course at the time of application. For more information, contact Dr. A. Weber at aweber@fsu.edu.
Italian. Gamma Kappa Alpha was organized in 1983; the University chapter followed in 1984. Each spring, students apply or are invited to apply. Membership is open to major and minor students who have completed at least three courses in Italian, one of which must be at the 3000 level, with a minimum 3.0 GPA overall and a 3.2 in Italian. For more information, contact Dr. M. Pietralunga, (850) 644-8391.

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 3.25 average and an overall average of 3.0. For more information, contact Dr. L. Wakamiya, (850) 644-8391.

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 of their class. Applicants must complete nine 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 after completion of two graduate courses in Spanish with a GPA of 3.0 or above. New members may apply in the Spring term. For more information, contact Dr. C. Gonzalez, (850) 644-8187.

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 semester hours of psychology with a minimum 3.2 overall GPA and a 3.2 psychology GPA. For information, contact pschic@psy.fsu.edu or Dr. Lane at lane@psy.fsu.edu.

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. New members are automatically invited in the Fall and Spring semesters; a 3.0 overall GPA is required. For more information, contact Dr. W. Woodyard, wwwoodyard@cob.fsu.edu.

Beta Alpha Psi is the national collegiate and professional organization of the Department of Accounting. Established in 1962, the University chapter 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 undergraduate and graduate accounting, finance, and management information systems majors who intend to major in the aforementioned areas and have met grade point requirements in their majors and overall, may apply for membership. New members are initiated in the Fall and Spring semesters. For more information, contact the chair of the Department of Accounting, fenama@fsu.edu.

Major in the Dedman School of Hospitality are eligible forEta Sigma Delta, the international hospitality honor society. The society was founded in 1978 and came to the University in 1981. The local chapter emphasizes career preparation activities. Students who are hospitality majors in the junior year with a 3.0 overall GPA are invited to apply at the beginning of each semester. For more information, contact the Director of the Dedman School of Hospitality, johlin@fsu.edu.

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, and both must have a 3.2 GPA, among other requirements. For more information, contact the chair of the Department of Management, cdouglas@cob.fsu.edu.

College of Communication and Information

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 community outreach and service; (3) to promote and encourage professional development among communication majors; (4) to provide an opportunity to discuss and exchange ideas in the discipline of communication; (5) to establish and maintain closer relationships and mutual understanding between communication faculty and students; and (6) to explore options for graduate education in communication. The criteria for being a member require a student to be a communication, communication science and disorders, or information technology major; to have completed at least fifteen semester hours in a communication or information technology major and sixty hours overall; and to have a minimum of a 3.5 GPA overall and in the major, with no grades below “C-”; no more than one incomplete (I) among upper-level courses; and no unsatisfactory grades (U). New members are invited at the beginning of each Fall and Spring semester. For more information, contact Dr. Hall-Mills at shallmills@fsu.edu.

Beta Phi Mu, the Library and Information Studies International Honor Society, was founded in 1948 at the University of Illinois at Urbana-Champaign. In 1957, the Gamma Chapter of Beta Phi Mu was installed at Florida State University to recognize local scholars. Beta Phi Mu headquarters are currently housed in the School of Library and Information Studies, College of Communication and Information, on the Florida State University campus. Membership is by invitation only. Students who have recently graduated from a program in Library and Information Studies. There is a minimum GPA requirement, students must be nominated by faculty; no more than 25% of a graduating class may be nominated. For more information, contact Dr. Christie Koontz, christie.koontz@cci.fsu.edu.

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 3.2 overall GPA and 3.2 GPA in their major classes. Students must also rank in the top thirty-five percent of their class and have completed a minimum of four courses within the criminology and criminal justice curriculum. The society is open to students with a declared criminology and criminal justice major or minor. For more information, contact coakley@fsu.edu.

College of Education

Kappa Delta Pi has maintained a chapter at the University since 1925. Students are invited twice a year or may apply. Prospective members must have completed twelve semester hours of professional education courses. Undergraduates must hold a “B” average in all college work; induction for graduate students requires a “B-” cumulative average. For more information, contact Dr. A. F. Davis, (850) 645-1739, afdavis@fsu.edu.

Phi Delta Kappa has maintained a chapter at the University since 1953. The group frequently 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. For more information, contact Dr. P. Carroll, (850) 644-6885, pcarroll@fsu.edu.

College of Engineering

The Tau Beta Pi engineering honor society was founded in 1885 at Lehigh University and is the oldest engineering honor society in the United States. The society was founded “to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character as undergraduates in the field of engineering.” The society now exceeds 230 active chapters across the country. The FAMU-FSU College of Engineering chapter of Tau Beta Pi, Florida Eta, was installed on February 29th, 1992. New members are selected based on scholarship (upper one-fifth of engineering seniors and upper one-eighth of engineering juniors), character, and integrity.

The Pi Tau Sigma international mechanical engineering honor society was founded in 1915 at the University of Illinois. The society recognizes students who show sound engineering ability, high scholarship (upper thirty-five percent), personality, and probable future success in the field of Mechanical Engineering. The FAMU-FSU College of Engineering chapter, Alpha Iota, was founded April 16th, 1994. The Alpha Iota chapter supports the Mechanical Engineering department through community outreach, undergraduate mentoring, tutoring, and social activities.

Eta Kappa Nu is the national honor society for electrical and computer engineering. On April 9th, 2009, the Lambda Delta Chapter of Eta Kappa Nu was chartered at the FAMU-FSU College of Engineering. Student members are sponsored by at least one faculty member at the University. Student members must be in the upper one-third of electrical and computer engineering seniors or upper one-fourth of electrical and computer engineering juniors.

Founded in 1949 and chartered at FSU in 1995, the Alpha Pi Mu industrial engineering honor society confers recognition upon students of industrial and manufacturing engineering who have shown exceptional academic interest and abilities in their field, encourages the advancement and quality of industrial and manufacturing engineering education, and unifies the student body.
of the Industrial and Manufacturing Engineering Department in presenting its needs and ideals to the faculty. Candidates are selected from outstanding members of junior, senior, and graduate classes in industrial engineering. New members must be in the upper one-third for the senior industrial engineering students or in the upper one-fourth of the junior industrial engineering students.

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 Omicron Pi Chapter. Kappa Omicron Nu recognizes and encourages excellence in scholarship, research, and leadership. Undergraduates must have sixty semester hours (at least fifteen of which were completed at Florida State University in a major within the College of Human Sciences) with a minimum FSU GPA of 3.3. Graduate students must have at least twelve semester hours that were completed at Florida State University in a major within the College of Human Sciences with a minimum FSU GPA of 3.5. 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 or more semester hours (at least thirty hours at Florida State University and twenty since declaring a major in the College of Human Sciences), a minimum FSU GPA of 3.3 and evidence of leadership and service. Graduate students at the MS level must have completed at least two semesters of coursework as a major in the college, and PhD students are required to have completed at least four semesters in the college. For graduate students, a minimum FSU GPA of 3.8 is required in addition to evidence of leadership and service. New members are inducted once per year, in the Spring semester.

Iota Tau Alpha is an honorary society in the Department of Nutrition, Food and Exercise Sciences. It was established in 2004 at Troy University, and the Alpha Chi chapter, now the largest in the nation, was organized at The Florida State University in 2009. The objective of the Society is to foster a high standard of ethics and professional practices and to create a spirit of loyalty and fellowship, specifically for those students in Athletic Training. To be considered for membership undergraduate students must be in the major of Athletic Training, have completed at least one term of their second year of a four year curriculum, have completed at least three term courses in Athletic Training with an average grade of “B” or better, and be in good academic standing—with at least a 3.5 cumulative college GPA or in the top 35% of their class. The Alpha Chi chapter also uniquely requires that each initiated member participate in at least one research study conducted within the College of Human Sciences. Initiation is held at the beginning of each Spring semester, with 2010 marking the first initiated class at FSU.

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 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 of the class; seniors, in the top twenty percent; graduate students must have an “A” in at least two-thirds of their courses.

College of Nursing

Sigma Theta Tau International, the scholastic honor society of nursing, was established in 1922. The University chapter, Beta Pi, was chartered in 1974. The society’s vision is to create a global community of nurses who lead by using knowledge, scholarship, and service to improve the health of the world’s people. 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 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 and Public Policy

Pi Gamma Mu is open to students in anthropology, Asian studies, economics, geography, history, international affairs, political science, psychology, 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 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 of their classes. Prospective members are also expected to have extracurricular activities related to the social sciences. For more information, contact Dr. Crew, 211 Bellamy, (850) 644-4418, or bcrew@fsu.edu.

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 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 semester of graduate work with at least a 3.0 GPA.

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 courses, and must have completed at least three semesters of college coursework. For more information, contact Dr. V. Mesev, vmesev@fsu.edu, or (850) 644-1706.

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 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 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 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 semester of graduate work with at least a 3.0 GPA. For more information, contact the Department of Sociology.

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 semester hours of social work courses. Graduate students must have a 3.5 overall GPA with nine semester hours completed in social work.

The College of Social Work also sponsors the FSU chapter of Sigma Phi Omega, the national academic honor and professional society in gerontology. Sigma Phi Omega was established to recognize excellence of those who study gerontology and aging and the outstanding service of professionals who work with or on behalf of older persons. Membership is open to undergraduate and graduate students who are majoring or minoring in gerontology/aging studies and related fields, and who are in at least their second term of enrollment. Undergraduates must have a grade point average of at least 3.3 on a 4.0 scale, and graduate students must have at least a 3.5 GPA to be eligible for membership. Faculty, alumni, professional, and honorary memberships are also available.
The College of Applied Studies is the newest college at Florida State University. Established in 2010, it is part of the Panama City campus, which is about 100 miles southwest of Tallahassee, on beautiful North Bay.

General Information

All students must meet the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin. In order to enroll in the College of Applied Studies, an undergraduate must be certified by the Division of Undergraduate Studies or be a transfer student with fifty-two or more semester hours of accepted credit. Admission to the College of Applied Studies requires at least a 2.0 grade point average (GPA) in prior academic work and that the student is in good standing within the University. Since individual departments within the College of Applied Studies may stipulate higher admission standards, students should consult the appropriate chapters of this General Bulletin for specific requirements. Students applying for admission to one of the College of Applied Studies degree granting departments or to one of the non-degree programs must apply through Florida State University’s Panama City Office of Admission and Records online at http://pc.fsu.edu/QUICK-LINKS/News/Apply-Now.

Advising

Florida State University Panama City provides academic advising to students interested in pursuing coursework in the College of Applied Studies. For more information, please contact Angie Sexton by e-mail at asexton@pc.fsu.edu or at (850) 770-2178.

Degree Granting Departments

The College of Applied Studies offers curricula leading to the Bachelor of Science (BS) degree. Students pursuing a baccalaureate degree in the College of Applied Studies may choose from the following degree programs:

- BS degree in Public Safety and Security with a major in Police Science
- BS degree in Public Safety and Security with a major in Law Enforcement Operations
- BS degree in Public Safety and Security with a major in Law Enforcement Intelligence
- BS degree in Public Safety and Security with a major in Crime Scene Investigation
- BS degree in Recreation, Tourism and Events

Certificate Programs

In addition to the degree programs, the College of Applied Studies offers certificate programs that provide additional specialized areas of emphasis. The certificate programs offered include:

- Graduate Certification in Event Management
- Undergraduate Certificate in Underwater Crime Scene Investigation
- Graduate Certificate in Underwater Crime Scene Investigation

Additional information regarding the certificate programs may be found at http://appliedstudies.pc.fsu.edu/.

Facilities

The College of Applied Studies is housed in seven buildings on the Panama City campus. The campus occupies just over twenty-five acres. The most recent additions to the campus are a $7.9 million Administrative Services Center and a $32 million Academic Center. The 14,000-square-foot Administrative Services Center, completed in March 2007, houses the police department, postal services center, maintenance department and receiving area, as well as the central utility plant for the entire campus. The Academic Center will accommodate significant growth in enrollment, approximately doubling the academic capacity of the campus. The three-story facility in excess of 100,000 square feet provides twenty-one general purpose classrooms, student seminar rooms, study and meeting rooms, a library and learning center, a 500-seat multi-purpose lecture hall/community room, and ten academic laboratories in support of programs in criminology, civil and environmental engineering, computer science, electrical engineering, advanced scientific diving and underwater crime scene investigation. Groundbreaking for the Florida State Panama City Academic Center was held in January 2007. The Academic Center was formally dedicated the Alfred P. and Mamie V. Holley Academic Center on January 21, 2009. The Holley Academic Center was named in recognition of Russell C. Holley’s naming gift in honor and memory of his parents.

Scholarships

Students enrolled at FSU Panama City in the College of Applied Studies are eligible to apply for the endowed scholarships listed below. For more information on how you can apply or an application, please visit the Web site of the FSU Panama City Foundation at http://pc.fsu.edu/Admissions-Records/Financial-Aid/Scholarships.

- AT&T Employees Endowed Scholarship
  - For a student that is an active employee or dependent of active or retired AT&T employee.
- Bob Barth Underwater Research Endowed Scholarship
  - For a student with a minimum of a 3.0 GPA enrolled in at least six credit hours, three of which are an underwater research course.
- Dempsey Barron Endowed Scholarship
  - For an undergraduate or graduate student.
- Fredericka Berger Benton Memorial Endowed Scholarship
  - For an undergraduate or graduate student with a minimum of a 2.8 GPA.
- Mabelle Williams Benton Memorial Endowed Scholarship
  - For an undergraduate or graduate student with a minimum of a 2.8 GPA.
- Berg Steele Pipe Corporation Endowed Scholarship
  - For an undergraduate student with a minimum of a 2.8 CPA. Priority consideration is given to dependents of Berg Steele Pipe Corporation and eb Pipe Coating, Inc.
- Larson M. and Beverly J. Bland Endowed Scholarship
  - For an undergraduate student with a minimum of a 2.75 GPA.
- Frank Brown Memorial/optimist Club of the Beaches Endowed Scholarship
  - For a full-time student undergraduate student with a course load of at least twelve hours, with a minimum 2.8 GPA.
- John A. Centrone Endowed Scholarship
  - For an undergraduate or graduate student, Priority consideration is given to graduates of the Panama City Marine Institute.
- Century 21 Bay Brokers Council Endowed Scholarship
  - For an undergraduate or graduate student with a minimum of 3.0 GPA.
- Linda Arnold Christoff Memorial Endowed Scholarship
  - For an undergraduate or graduate female student demonstrating academic ability and financial need.
- Community Services Foundation of Bay County Endowed Scholarship
  - For an undergraduate or graduate student that is a resident of Bay County, Florida.
- Don Crisp Endowed Scholarship
  - For an undergraduate student with a minimum of 2.8 GPA. A personal statement is required and should include information pertaining to community service and student leadership activities.
- Angel David Memorial Endowed Scholarship
  - For either a full-time undergraduate or graduate student with a minimum 3.0 GPA.
- Death By Chocolate/emerald Coast Business Women's Association Endowed Scholarship
  - For either an undergraduate or graduate student who is a resident of Bay County, Florida and is at least twenty-three years of age.
- Endowed General Scholarship Fund
  - For an undergraduate or graduate student with a minimum of 2.5 GPA.
- Kassi Blakeley Eudaley Endowed Scholarship
  - For an undergraduate or graduate student. Priority consideration is given to active employees or dependents of Corams Steak & Eggs.
- Anita Darlene Freeman Memorial Endowed Scholarship
  - For an undergraduate or graduate student with a physical disability.
- FSU Panama City Student Government Council Endowed Scholarship
  - For a full-time undergraduate or graduate student with a minimum 3.5 GPA.
- Hubert Green Endowed Scholarship
  - For an undergraduate or graduate student with a minimum of 3.0 GPA. A personal statement is required and should include information pertaining to demonstrated community service.
- Michelle Green Endowed Scholarship
  - For an undergraduate or graduate student with a minimum of 3.0 GPA. A personal statement is required and should include information pertaining to demonstrated community service.
- Jaqueline Isler Memorial Endowed Scholarship

Dean: Ken Shaw; Associate Dean: Steve Leach

Established in 2010, the College of Applied Studies is the newest college at the University. The administrative offices of the College of Applied Studies are located on the Panama City campus, which is about 100 miles southwest of Tallahassee, on beautiful North Bay.
Wally Jenkins Memorial Optimist Club of the Beaches Endowed Scholarship
For a full-time (twelve semester hours) undergraduate student with a minimum 2.8 GPA. Priority consideration is given to residents of the Beaches area of Bay County, Florida. A personal statement is required including information on academic and/or leadership awards received as well as participation in community activities and any affiliation with Optimist Clubs.

Junior Service League of Panama City Endowed Scholarship
For a female undergraduate or graduate student with a minimum 3.0 GPA.

License to Learn Endowed Scholarship
For an undergraduate or graduate student with a minimum 3.0 GPA.

Thomas G. and Donna P. McCoy/Optimist Foundation of the Beaches Endowed Scholarship
For a full-time (twelve semester hours) undergraduate student with a minimum 2.8 GPA. Priority consideration is given to residents of the Beaches area of Bay County, Florida and to students who have not attended college within the past five years. A personal statement is required including information on academic and/or leadership awards received as well as participation in community activities and any affiliation with Optimist Clubs.

Optimist Club of the Beaches Endowed Scholarship
For an undergraduate or graduate student with a minimum 2.8 GPA. Priority consideration is given to residents of the Beaches area of Bay County, Florida. A personal statement is required including information on academic and/or leadership awards received as well as participation in community activities and any affiliation with Optimist Clubs.

Panama City Area Seminole Club Endowed Scholarship
For an undergraduate or graduate student with demonstrated financial need.

Panama City Housing Authority Endowed Scholarship
Book award with preference for Gulf Coast State College graduates who have been selected to receive an EXCEL Scholarship from the Bay Education Foundation, Inc.

Panama City Junior Women's Club Endowed Scholarship
For an undergraduate or graduate student. Preference for present or past members of the Panama City Junior Women's Club with a 3.0 GPA.

Panhandle Educator's Federal Credit Union Endowed Scholarship
For an undergraduate or graduate student. Priority consideration is given to members and qualified dependents of members of Panhandle Educators Federal Credit Union.

Patronis Brothers Foundation Endowed Scholarship
For an undergraduate or graduate student. Preference is given to a Gulf Coast State College graduate and Bay County resident.

Regions Bank Endowed Scholarship
For an undergraduate or graduate student. Priority consideration is given to employees and qualified dependents of employees or Regions Bank’s Florida Panhandle Banking Group.

Mary Ola Reynolds Miller Endowed Scholarship
For an undergraduate with a minimum 3.0 GPA. Must be a resident of one of the following Northwest Florida counties and provide documentation of established residency of at least ten years: Escambia, Santa Rosa, Okaloosa, Walton, Holmes, Washington, Bay, Jackson, Calhoun, Gulf, Liberty, or Franklin.

St. Joe Community Foundation Endowed Scholarship
For an undergraduate or graduate student.

St. Joe Community Foundation Challenge Grant Endowed Scholarship
For an undergraduate or graduate student.

Estelle Cawthon Starling Memorial Endowed Scholarship
For an undergraduate or graduate student with residency in Bay or Walton County, Florida for a minimum of ten years with a 2.8 GPA. A personal statement is required and should include residency information.

George G. Tapper Memorial Endowed Scholarship
For an undergraduate student. Preference is given to Gulf Coast State College graduates pursuing undergraduate degree. Demonstrated academic ability and financial need required.

Col. William W. Wood Memorial Endowed Scholarship
For a full-time (twelve credit hours per semester) undergraduate student who is a graduate of Gulf Coast State College and a high school in Bay County, Florida. Student must have a minimum 2.8 GPA to receive the scholarship and a minimum 2.5 GPA to maintain the scholarship. Recipients have priority for future scholarship awards for up to five semesters or until graduation without reaplication. Applicants must submit an essay consisting of a minimum of 500 words on the topic “What is the cost of freedom?”

Edward N. and June G. Wright Endowed Scholarship
For an undergraduate or graduate student. Preference is given to children (dependent or independent status) of full-time FSU Panama City employees (USPS or A&P) with 3.0 GPA.
Interim Dean: Sam Huckaba; Associate Deans: Rob Contreras, Lois Hawkes, John Kelsay

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 1908, and the first doctorate at Florida State University was awarded in chemistry in 1952.

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), Master of Fine Arts (MFA), 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 pre-professional and professional programs.

Requirements

All students must meet the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin. In addition, all students receiving a degree from the College of Arts and Sciences must satisfy the requirements listed in the following paragraphs.

In order to enroll in the College of Arts and Sciences, an undergraduate must be certified by the Division of Undergraduate Studies or be a transfer student with fifty-two or more semester hours of accepted credit. Admission to the College of Arts and Sciences requires at least a 2.0 grade point average (GPA) and completion of at least half of liberal studies including the required English Composition and Mathematics. Since individual departments may stipulate higher admission standards, students should consult the appropriate paragraphs under “Undergraduate Degree Requirements” for specific requirements.

Foreign Language. The College of Arts and Sciences requires that Bachelor of Arts and Bachelor of Science students be proficient at the intermediate level in one language other than English. Students may satisfy the requirement by completing coursework through the 2000 level (2200 or equivalent course) of a classical or modern foreign language. Those with a 2.5 FSU GPA may take these courses on a satisfactory/unsatisfactory (S/U) basis, as long as they meet the University deadline for declaring this intention. A student taking coursework to fulfill the College’s foreign language requirement must earn at least a “C-”. For exceptions to this policy, students should contact the College of Arts and Sciences. Hours used to fulfill the foreign language requirement may not be counted toward a major or minor. Native speakers of another language and other students who wish to demonstrate proficiency by means other than coursework should consult the Department of Modern Languages and Linguistics. Please note that the College’s foreign language requirement is different 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.

All students who intend to continue study of a modern foreign language at Florida State University in which they have previous experience (such as high school study or study abroad) must be placed into the appropriate course by the Department of Modern Languages and Linguistics. Students in French, German, and Spanish who continue with the same language must take the placement test before they enroll in a course in the Department of Modern Languages and Linguistics. Students in other languages must consult the department for the appropriate placement procedures before enrolling.

Minor. Most majors in the College of Arts and Sciences also require a completed minor. Exceptions include certain programs with collateral minors. Students completing a double major do not have to complete a minor. Students pursuing two degrees (dual degree 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 semester hours, others require more. No courses used for satisfying lib-
**Dean:** Caryn Beck-Dudley; **Associate Deans:** Michael D. Hartline, David B. Paradise

**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 houses five business departments: the Department of Accounting; the Department of Finance; the Department of Management; the Department of Marketing; and the Department of Risk Management/Insurance, Real Estate, and Legal Studies. The College is also home to the Dedman School of Hospitality, an independent, industry-specific school with separate admission and degree requirements.

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, national, and international 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 faculty. Faculty members 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. These students have strong analytical and communicative aptitudes and have a spirit of enterprise and creativity. The interaction of these students with highly qualified faculty, coupled with well-designed 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 business departments in the College offer 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 Finance, Management, Management Information Systems, 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. The College of Social Work and the College of Business offer a joint-degree program leading to the Master’s in Social Work (MSW) and the Master of Business Administration (MBA) degrees. All of these business programs are fully accredited by AACSB-International, including separate accreditation of the programs in accounting.

Students pursuing a bachelor’s degree choose from the following degree programs:

1. bachelor’s in accounting
2. bachelor’s in finance
3. bachelor’s in management with a major in management or a major in human resource management
4. bachelor’s in management information systems
5. bachelor’s in marketing with a major in marketing or a major in professional sales
6. bachelor’s in real estate
7. bachelor’s in risk management/insurance
8. bachelor’s in business administration with a major in entrepreneurship

The **Master of Business Administration (MBA)** program is an accelerated, thirty-nine semester hour program. 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 MBA program is offered online and begins each semester. Students are encouraged to have at least two years of work experience prior to entering the MBA program.

Students in the **Master of Accounting (MAcc)** program major 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. Students are admitted each semester.

The **Master of Science in Finance** program begins each Summer and focuses on advanced, practical applications in finance. Most students in the program have an undergraduate degree in finance, but students with undergraduate degrees in related fields are also considered for admission.

The **Master of Science in Management Information Systems** 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 **Doctor of Philosophy (PhD) in Business Administration** is to prepare students for careers in university teaching and research. Students receive the Doctor of Philosophy in business administration and concentrate in one of the following areas: accounting, finance, management information systems, organizational behavior and theory, strategic management, marketing, or risk management/insurance.

The Dedman School of Hospitality offers curricula leading to the degrees of Bachelor of Science (BS) in Hospitality Management or Bachelor of Arts (BA) in Hospitality Management. Students in the Dedman School may major in Hospitality Management or Professional Golf Management.

**Certificate Programs**
The **Certificate in Entrepreneurship** offers a certificate program for business students (thirteen credit hours) and non-business students (twelve credit hours). The Certificate in Entrepreneurship is designed for students who want to complement their majors with exposure to entrepreneurial concepts and practices. The curriculum will provide students with the tools and confidence to consider starting their own businesses.

The **Certificate in Free Enterprise and Ethics** is a twelve-hour course of study which helps students develop an awareness of ethical choices viewed from a variety of economic, societal, civic, legal, and personal value system perspectives, as they relate to business practice in a free enterprise economy. It provides business students experience grappling with the kinds of realistic decisions they will encounter as practitioners.

The **Certificate in International Business** is part of the FSU Global Pathways initiative. Through a course of study which includes required and individually selected courses and activities, students will complement their business majors with global and cultural awareness that will be beneficial for entry-level positions in multinational corporations and domestic-based import/export businesses.

**Institutes and Centers**

The **Jim Moran Institute for Global Entrepreneurship** provides services to small businesses throughout Florida and provides students with opportunities to consult with and learn from successful entrepreneurs. The **Marketing Institute** conducts a wide range of marketing research and offers developmental support services to professionals in the public transportation, tourism, and sports. 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 **Center for Real Estate Education and Research** fosters interaction among students, faculty, and the real-estate community through forums in which executives and world-class scholars exchange ideas and share their insights with students. The **Center for Human Resource Management** facilitates networking among HR professionals and FSU faculty and students, aiming to establish and transfer best practices that support the advancement of human-resource management. The **Florida Catastrophic Storm Risk Management Center** is funded by the State of Florida to support the state’s ability to prepare for, respond to, and recover from catastrophic storms. The **Gene Taylor/Bank of America Center for Banking**
and Financial Studies encourages excellence in education through research and service activities related to banking and finance. The BB&T Center for Free Enterprise supports initiatives that offer students various perspectives on free enterprise and ethics.

Facilities
The Charles A. Roventa Business Building is ideally located near the center of campus adjacent to Strozier Library and the Osceola 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 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 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.

Scholarships/Awards

Faculty
The College of Business possesses several eminent scholar chairs and numerous endowed professorships. These prestigious faculty positions are occupied by outstanding scholars. 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 the limited access program they wish to pursue.

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.

Admission Requirements
Admission to the AACSB accredited undergraduate business programs is based on availability of faculty and space in the business departments. 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. The AACSB accredited undergraduate business programs include the following majors: accounting, finance, management, human resource management, management information systems, marketing, professional sales, real estate, risk management/insurance, and entrepreneurship.

To be eligible for admission to one of the business majors above, each student must complete the following requirements:
1. Must have completed at least fifty-two acceptable semester hours;
2. Must have completed the required GPA (based on all attempted coursework at the college level) that is in effect for the term in which application is made. The required GPA may change; information regarding the current required GPA is available at http://www.cob.fsu.edu; and
3. Must have completed the following courses with a grade of “C-” or better in each course (or an equivalent course): ACG 2021, ACG 2071, CGS 2100 or CGS 2518, ECO 2013, ECO 2023, MAC 2233, and STA 2023.

Admission to the hospitality management program is based on faculty and space availability in the Dedman School of Hospitality. To be eligible for admission to the hospitality management major or the professional golf management major, each student must complete the following requirements:
1. Must have completed at least fifty-two acceptable semester hours;
2. Must have completed an overall grade point average (GPA) of at least 2.50 computed on all prior college level work;
3. Must have completed the following courses with a grade of “C-” or better in each course (or an equivalent course): ACG 2021, ACG 2071, CGS 2100 or CGS 2518, ECO 2013, ECO 2023, MAC 1105, and STA 2023.

The required GPA may change; information regarding the current required GPA is available at http://www.dsh.fsu.edu.

Academic Policies
1. Students are required to meet 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 five years from the date of first entry.
2. Changes to this General Bulletin that have been formally approved prior to Fall 2012, but not in sufficient time to meet publication deadlines, will be effective Fall 2012. 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. In all AACSB accredited undergraduate business programs, a minimum of thirty semester hours of the general business and major area requirements must be completed at Florida State University. 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 College of Business. In evaluating this transfer credit, emphasis will be given to courses taken at other AACSB accredited business programs.
6. In the hospitality management program, transfer of hospitality courses from other institutions must be approved by the Dedman School of Hospitality.
7. Students are not allowed duplicate credit hours for courses repeated in which they have made a “D” or better.
8. The only courses offered by the business departments 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 in non-business programs may complete a minor in general business. Students interested in completing a minor in general business should contact the College of Business Undergraduate Programs Office for additional information. This information is also available at http://www.cob.fsu.edu. Course availability for students interested in a minor in general business is limited.

The Program in Interdisciplinary Computing
The College of Business supports the Program in Interdisciplinary Computing (PIC) with representation on the PIC Steering Committee. PIC is
a non-degree granting program established to develop, support, and promote computing and information technology courses that empower FSU students to innovate and lead in their respective fields. Courses listed with PIC cover a wide range of computer skills with each course focusing on the application of those skills to the student’s discipline. See http://www.pic.fsu.edu for more information about PIC and a list of current PIC courses.
The College of Communication and Information offers undergraduate degrees in Communication, Communication Science and Disorders, and Information Technology. These degree programs attract and prepare leaders who take responsibility for meeting the communication and information needs of all people and for engaging a diverse population in solving complex communication and information challenges. A world-wide transformation is changing both the way we communicate and the way we create, store, find, share, and use information. The College’s educational programs provide classroom and experiential learning opportunities that help students understand the changing communication and information environment and make communication and information useful and accessible to everyone. If you have a passion for helping others, a desire to be at the heart of communication and information transformations and want to get started on a rewarding and professional career, visit our Web site at http://cci.fsu.edu or contact our advisers.

Undergraduate Degree Programs

School of Communication

The School of Communication offers a degree in communication with four majors. These majors are organized according to various applications of communication skills and expertise in our society. Students can receive a major in advertising, public relations, media/communication studies, or media production. Advertising majors focus on account management, creative strategy and media planning. Public relations majors concentrate on public relations writing, tactics, and campaign management skills. These majors prepare for careers in advertising and public relations agencies and organizations. Media/Communication Studies majors are applicable to a number of career fields including law, ministry, speech writing, and lobbying. Media production majors pursue management or production careers in broadcasting, cable, video production and related fields. Visit http://www.comm.cci.fsu.edu/ for more information.

School of Communication Science and Disorders

The mission of the School of Communication Science and Disorders is to prepare students to demonstrate broad-based knowledge in communication processes and disorders and to integrate theoretical knowledge and research findings with clinical practicum experiences. The curriculum leading to the bachelor’s degree combines pre-professional preparation for the graduate program in the school. At the undergraduate level, students are provided experiences relating to the basic processes of hearing, language, and speech. 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; basic concepts related to disorders in language, phonology, and fluency; as well as professional issues in communication disorders. The major professional, educational, and clinical experiences occur during graduate studies leading to the master’s degree. Visit http://commdisorders.cci.fsu.edu/ for more information.

School of Library and Information Studies

In the emerging connected society, information, communication, 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 School’s Bachelor of Science in Information Technology (IT) program offers two programs that prepare 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 may major in information technology (IT) or in information, communication, and technology (ICT). 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 demand for IT professionals continues to grow. The Bachelor of Science in IT offered by the School 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. Visit http://www.slis.cci.fsu.edu/ for more information.

Admissions Information

Programs of study leading to the Bachelor of Arts and Bachelor of Science degrees are offered through the School of Communication Science and Disorders and the School of Communication. Each major within the Schools 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 and Information. 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 schools identified above. See school 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.

Each major in the BS in IT program in the School of Library and Information Studies is a forty-two semester hour program. Students are eligible to major in information technology or information, communication, and technology after completing a program of liberal studies with an overall grade point average (GPA) of 2.0 or better and after completing specific program prerequisites.

See school entries in this General Bulletin and the College Web site, http://www.cci.fsu.edu/ for specific information regarding each schools’ admission requirements.

Requirements for the Second Baccalaureate Degree (Dual Certificate)

A student completing a second bachelor’s degree in the Schools must complete at least thirty 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

Communication, Communication Science and Disorders, and Library and Information Studies 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 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.

Bachelor’s to Master’s Degree Program

The College of Communication & Information has developed a combined bachelor’s to master’s degree program (BS to MS) combining a bachelor’s degree in Information Technology or Communication and a master’s degree in either the Integrated Marketing Communication or Media and Communication Studies programs in Communication. This program provides eligible undergraduate students the opportunity to take up to twelve semester hours of graduate coursework. These twelve semester hours may count toward both the BS and MS degrees. Check the Web site for more details: http://www.cci.fsu.edu.

Graduate Degree Programs

Students making application for admission to one of the school’s graduate programs must also apply through the University Office of Admissions see http://admissions.fsu.edu for specific information regarding each school’s admission requirements.
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 Web site http://www.comm.cci.fsu.edu/ for more information.)

Communication Science and Disorders

Programs of study leading to the Master of Science, Master of Arts, Advanced Master’s, and Doctor of Philosophy degrees in the School of Communication Science and Disorders are described in the Graduate Bulletin and on the Web site, at http://commdisorders.cci.fsu.edu/.

Library and Information Studies

In addition to the Bachelor of Science (BS) in Information Technology, the School offers Master of Science (MS), Specialist (S) degree, and Doctor of Philosophy (PhD) degrees in Library and Information Studies. The School of Library and Information Studies 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. Visit http://www.slis.cci.fsu.edu/ for more information.

Facilities

The College of Communication and Information offers undergraduate students opportunities to enrich their learning experiences through participation in a variety of research centers, service, classroom facilities, and student professional organizations. These include the following centers and institutes:

- Goldstein Library
- Seminole Productions
- L. L. Schendel Speech and Hearing Clinic
- Center for Adult Language Laboratory
- Center for Augmentative and Alternative Communication Laboratory
- Communication and Early Childhood Research and Practice Center
- Center for Hispanic Marketing Communication
- Center for Information Analysis and Organization
- Information Use, Management & Policy Institute (Information Institute)
- Institute for Intercultural Communication
- Neurolinguistic-Neurocognitive Research Center
- North Florida Center for Stuttering
- Partnership for Advancing School Library Media (PALM Center)
- Project Management Center
- Research and Language and Literacy Lab
- Speech and Voice Science Laboratory

In addition, the College provides students with access to state-of-the-art facilities and support through a wide range of computer and media production labs and technical support services, including the following:

- IT Help Desk and Computer Lab in the Goldstein Library to provide access to technology support, advanced software systems, and high-end computer systems
- iSpace virtual computer system for developing Web pages and remote applications access
- New Technology center in the William Johnston Building for instruction in networking, databases, media production, health information technology, mobile and enterprise information systems
- Computer classrooms in University Center for advanced media production and statistical analysis
- WVFS, the university’s “college radio station”

Students within the college are very active in professional development organizations including the following:

- Advertising Club
- American Library Association Student Chapter
- Association of Information Technology Professionals
- Communication Graduate Student Association
- Forensics (Debate and Speech)
- National Student Speech Language Hearing Association
- Public Relations Society of America
- STARS Alliance for Broadening Participation in Computing
- Women in Communication
- Women in Computing

The Program in Interdisciplinary Computing

The College of Communication and Information supports the Program in Interdisciplinary Computing (PIC) with representation on the PIC Steering Committee. PIC is a non-degree granting program established to develop, support, and promote computing and information technology courses that empower FSU students to innovate and lead in their respective fields. Courses listed with PIC cover a wide range of computer skills with each course focusing on the application of those skills to the student’s discipline. See http://www.pic.fsu.edu for more information and a list of current PIC courses.
Grant students who have earned an than four grades below “C-” (D+, D, D-, F, U, IE) in criminology, criminal jus- or not, will not be readmitted, permitted to continue, or permitted to graduate grades, (D+, D, D-, F, U, IE) in criminology and criminal justice courses taken tain a major GPA of 2.0. A student who has accumulated three unsatisfactory academic progress is not being made. Specifically, students majoring in crimi- nology and criminal justice students. A distance-learning Master of Science degree program in criminal justice studies is available. Also available is a dual master’s degree program with the School of Public Administration and Policy and the College of Social Work. For undergraduates, a certificate is available in criminology (distance learning). Evening courses are offered for under-graduate and graduate students.

Students in the College have an important opportunity for hands-on experi-ence that is afforded by the College’s internship program. The University’s location in Tallahassee gives students access to extensive research and em-ployment opportunities in various state and federal courts as well as several state correctional facilities, drug treatment facilities, a federal prison, and a variety of private sector institutions and organizations. The Legislature, gov-ernor, cabinet, attorney general, and the Florida Departments of Corrections, Probation/Parole, and Law Enforcement are located in Tallahassee. Study in the College of Criminology and Criminal Justice provides access to crimo-nological facilities that match or exceed any in the nation.

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

Academic Performance and Retention
The College of Criminology and Criminal Justice reserves the right to dis-continue enrollment of any student in the College at any time if satisfactory academic progress is not being made. Specifically, students majoring in crimi-nology must make a grade of “C” or better in the three core courses and main-tain a major GPA of 2.0. A student who has accumulated three unsatisfactory grades, (D+, D, D-, F, U, IE) in criminology and criminal justice courses taken for college credit at Florida State University or elsewhere, whether repeated or not, will not be readmitted, permitted to continue, or permitted to graduate with a major in criminology or criminal justice.

Students majoring in computer criminology must earn a “C” or better in core courses CCJ 3011 and CCJ 4700 and a grade of “C-” or better in all other courses for the major, and maintain an overall GPA of 2.0. Students with more than four grades below “C-” (D+, D, D-, F, U, IE) in criminology, criminal jus-tice, computer science, or prerequisite coursework, whether taken at Florida State University or elsewhere, whether repeated or not, will not be permitted to continue in the major.

A student who applies for readmission to the College must meet the ma-jor and degree requirements of the General Bulletin in effect on the date of readmission.

Major Requirements for Criminology
To major in criminology, a student must complete thirty-six semester hours in criminology and/or criminal justice studies coursework, including three core courses. The three core courses are Introduction to Criminal Justice (CCJ 2020), Criminal Justice (CCJ 3011), and Introduction to Research Methods in Criminal Justice (CCJ 4700). Two core courses (CCJ 3011 and CCJ 4700) are expected to be taken at Florida State University; CCJ 2020 may be taken at the community college. A minimum grade of “C” must be obtained in each core course. For acceptable core course substitutions, see the department for an approved list. An optional one-semester, full-time (fifteen semester hour) or part-time (eight semester hour) internship is available. If a student chooses to take the internship, only three of the fifteen semester hours will count toward the required thirty-six hours in the major. Students in the major are required to complete a minor or second major in another department or program outside the College of Criminology and Criminal Justice, and to meet all requirements stipulated by the respective department or program. The College requires students to complete either a full-time internship, minor, or a double major outside of the College.

For students transferring from another four-year university, at least twenty-seven semester hours must be earned at Florida State University in the College of Criminology and Criminal Justice; the University requires that the last thirty semester hours prior to graduation be taken at Florida State University. In addition, all University requirements must be met for either the Bachelor of Arts (BA) or the Bachelor of Science (BS) degrees.

Major Requirements for Computer Criminology
To major in computer criminology, a student must complete fifty-two semi-ster hours in criminology and criminal justice, computer science and math-ematics. Students must complete twenty-four hours in criminology and crim-nal justice and twenty-five hours in computer science coursework, including eight core courses. The required core courses from criminology and criminal justice are CCJ 2020, CCJ 3011, CCJ 4700, and CJE 3110. The required core courses from computer science are CDA 3100, COP 3014, and COP 3353, COP 3330. A total of six hours of capstone coursework representing crimi-nology and criminal justice and computer science is required. Students must also complete three hours of Discrete Math (MAD 2104), with MAC 1105 and MAC 1140 as prerequisites. From an approved list, students must choose nine additional hours in criminology and criminal justice and twelve addi-tional hours in computer science coursework. Students must earn a grade of “C” or better in CCJ 2020, CCJ 3011 and CCJ 4700, a “C-” or better in all other courses for the major, and maintain an overall GPA of 2.0. A minor is not required.

For students transferring from another four-year university, transfer courses within the major are evaluated on an individual basis; the University requires the last thirty semester hours prior to graduation be taken at Florida State University. In addition, all University requirements must be met for either the Bachelor of Arts (BA) or the Bachelor of Science (BS) degrees.

Approved criminology and criminal justice and computer science courses include: CCJ 3644, CCJ 3666, CCJ 4614, CCJ 4497, CJC 3010, CJE 4610, CJJ 4010, CJL 3510, CJL 4064, CDA 3101, CIS 4360, CIS 4361, CNT 4406, CNT 4504, CNT 4603, COP 4342, COP 4530, COP 4610, and COP 4710. A capstone course for both criminology and computer science is also required.

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, correc-tions, 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). The intern receives a satisfac-toary/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 ac-cepting 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 may be obtained upon completion of four classes. Introduction to Criminal Justice (CCJ 2020) and nine additional semester hours in criminology and criminal justice are required for a total of twelve hours. CCJ 2020 may be taken at the community college 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 a distance learning certificate program in criminology.

**Honors in the Major**

The College of Criminology and Criminal Justice encourages eligible 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 semester hours of graduate coursework (with the permission of the appropriate instructor). These twelve 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 semester hours of undergraduate coursework
2. Have a minimum GPA of 3.25
3. Be a major/double major in the College
4. Take the GRE and earn a minimum score of 1000
5. 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. Effective August 2011, the GRE Revised General Test replaced the GRE General Test. To learn more about this new test, go to [http://www.ets.org/gre](http://www.ets.org/gre).

**Student Activities**

**Alpha Phi Sigma** is the nationally recognized honor society of students in the College of 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 3.2 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 four 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 or in computer criminology. The online application can be found at [http://criminology.fsu.edu/scholarships](http://criminology.fsu.edu/scholarships). A committee appointed by the Dean selects the recipients.

Undergraduate scholarships and awards include: Frank A. and Lynn W. Baker, Eugene and Rosalind Czajkoski, Corey D. Dahlem, Jerry A. and Carolyn S. Glass, Kelley R. Ivey, Ernest Kearns Ponce De Leon, Relgalf, James C. Sweat, Frederick Simon Family Memorial, Doyle E. Young Endowed Memorial, and Rob Williams. In addition, the Robert L. Clark Memorial Award and the Joe Harris 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.
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 are encouraged to apply.

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 stress the importance of democratic values and institutions, the contributions of various ethnic groups to society, and the development of individual character as a means for appreciating the diversity of 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 granted the baccalaureate degree.

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)
- FSU-Teach Program (double major with College of Arts & Sciences for those who wish to teach mathematics and/or science, grades 6-12)
- Music Education (College of Music)

Teacher Preparation: General Education Requirements

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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual/ for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into upper-division teacher education degree programs:

Education Core Prerequisites

1. EDF X005
2. EDF X085
3. EME X040

In addition to EDF X085, the student must take six 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. 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.

Department/Program Prerequisites

See department listings in the General Bulletin for each department/program’s specific prerequisite requirements.

Common prerequisites and admissions criteria 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 Educator Preparation Programs, State Board of Education
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.

Professional Training Option

The College of Education offers a Florida Department of Education-approved Professional Training Option (PTO) for undergraduates considering Alternative Certification. If the student is considering Alternative Certification as a post-baccalaureate career option, completion of the PTO provides fifteen credit hours of educational methods and pedagogy that, at the discretion of the Florida Bureau of Educator Certification, may be used in partial fulfillment of the requirements for professional licensure in one of the middle and secondary (grades six through twelve) certification areas.

- Classroom Assessments (3)
- Education Psychology: Developing Learners (3)
- Literacy Across the Content Areas (3)
- Teaching English to Speakers of Other Languages (3)
- Foundations of Teaching (3)

Note: Successful completion of the PTO requires grades of “C” or better in each required course AND, as a co-requisite, conferral of the Bachelor’s degree from Florida State University.

Emphasis in Special Education

Undergraduate students currently enrolled in the School of Teacher Education who wish to earn an emphasis in Special Education may choose to complete the following sequence of courses for a total of twelve semester hours. An emphasis in Special Education does not constitute adequate preparation for teacher certification in Florida or any other state.

- EEX 4770 Study of Human Exceptionality (3)
- EEX 4500 Introduction to Learning and Behavior Disorders (3)
- EEX 4750 Collaboration with Families, Schools, and the Community (3)
- EEX 4014 Introduction to Mental Disabilities (3)
- EVI 4011 Introduction to Visual Disabilities (3)
- EEX 4201 Typical and Atypical Development and Learning (3)

Office of Academic Services and Intern Support (OASIS)

The Office of Academic Services and Intern Support (OASIS) provides a wide array of professional and administrative services to students and faculty in the College and throughout the University. Under the direction of the Associate Dean for Academic Affairs, OASIS is responsible for:

1. providing centralized academic advisement for Basic Division students interested in majoring in education;
2. collecting and processing applications for admission and readmission to the College of Education;
3. maintaining the Dean’s academic records for all students formally admitted to COE programs;
4. monitoring students’ progress toward the degree;
5. collecting and processing applications for admission to teacher education programs;
6. conducting graduation checks and clearing students for teacher certification;
7. providing other consultative and administrative services for the students and faculty in the College.

OASIS is also responsible for the assignment and placement of teacher candidates in their final-term student teaching experiences. The Intern Coordinator works with teacher education programs in the University and the

Here is the text content of the document in a plain text format:

**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) on all attempted college-level credits.
2. Have a grade of “C” or better in each required general education (liberal studies) English and each general education (liberal studies) mathematics course.
3. Take and achieve a passing score on all sections of the General Knowledge portion of the Florida Teacher Certification Exam.
4. Complete an application for admission to a teacher education program in the Office of Academic Services and Intern Support, 2301 Stone Building. This step is distinct from admission to the ‘upper division’ college or school.
5. Be approved by the appropriate teacher education department in accordance with departmental criteria.
6. Be admitted to Teacher Education, a Florida Department of Education status requirement recognizing candidate eligibility for certification (application available at 2301 Stone Building).
7. Receive final approval by the Office of Academic Services and Intern Support.

**Note:** These are minimum standards. Many programs have higher standards.

**Note:** There is no 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 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 ten weeks duration in an approved setting.

**Note:** Students should consult with a program adviser for specific course requirements.

**Program Completion Requirements for Teacher Candidates**

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 coursework (some programs may require a higher GPA).
2. Demonstrate achievement of standards and completion of specific coursework 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 the General Knowledge, Professional Educator, and Subject Area portions of the Florida Teacher Certification Exam (FTCE) prior to entry to the final-term internship.
5. Successfully complete the student teaching experience including successful demonstration of the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level.
6. Receive verification from the appropriate academic program of successful demonstration of the Florida Educator Accomplished Practices (FEAPs) at the pre-professional 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 and Intern Support.

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**Note:** Successful completion of the PTO requires grades of “C” or better in each required course AND, as a co-requisite, conferral of the Bachelor’s degree from Florida State University.

Availability of seats is limited and academic departments reserve the right to restrict methods and pedagogy courses to students formally admitted in their respective programs. Be advised that the College makes no commitment as to the rotation and availability of individual courses in the PTO. Students must notify the Office of Academic Services and Intern Support (OASIS) in 2301 Stone Building upon completion of all five courses in order to have the certificate posted to their official transcript.

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public schools of Florida in the organization of student-teaching placements and the selection of supervising teachers for candidate internships. Faculty members work closely with supervising teachers and candidates in the planning and coordination of the student teaching experience. **OASIS is responsible for the final identification and screening of all students who make application for student teaching.**

Students are assigned to the student teaching experience in the 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. Candidates representing communication disorders, visual disabilities, music, school media, and school psychology will also be concentrated in those counties listed but may be placed in additional locations should program certification requirements so dictate. Student Teaching assignments are subject to availability and district and school or agency acceptance. Therefore, placements are not guaranteed.

**Placement Locations**

- **Area I:** Gadsden, Jefferson, Leon, Madison, Taylor, and Wakulla counties
- **Area II:** Bay, Calhoun, Franklin, Gulf, Jackson, Liberty, Okaloosa, Walton, Holmes, and Washington counties (Area II placements are restricted to candidates enrolled in COE programs at the Panama City Campus.)
- **Area III:** Orange and Lake counties
- **Area IV:** Hillsborough, Manatee, Pasco, Pinellas, Polk, and Sarasota counties
- **Area V:** Pembroke Pines K-5 Charter School in Broward County
- 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** and **Level II-background clearance** are **required** for final-term placement in a public-school setting.

**Application to Student Teaching**

An application to student teaching must be submitted to OASIS, 2301 Stone Building, according to the following schedule:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Semester</td>
<td>No later than the deadline published in the Student Teaching Calendar.</td>
</tr>
<tr>
<td>Fall Semester</td>
<td>No later than the deadline published in the Student Teaching Calendar.</td>
</tr>
</tbody>
</table>

**Note:** Application materials, the Student Teaching Calendar, and the Student Teaching Handbook are only available online at [http://www.coe.fsu.edu/oasis/studentteaching/futurestudentteachers](http://www.coe.fsu.edu/oasis/studentteaching/futurestudentteachers). All student teachers are required to purchase a student teaching handbook for their cooperating teacher.

**Eligibility Requirements for Internship Placement**

To be eligible for final field placement as a student teacher, candidates must complete the following steps:

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 coursework (a higher GPA may be required by some academic programs for particular core courses)
5. Achievement of senior status (or graduate standing for ESE majors in the combined BS/MS program); and
6. Successful completion of specific clinical experiences as required by the program or University (see [http://www.coe.fsu.edu/Student-Academic-Services-OASIS/Student-Teaching/Future-Student-Teachers](http://www.coe.fsu.edu/Student-Academic-Services-OASIS/Student-Teaching/Future-Student-Teachers)).
Dean: Yaw Yeboah; Associate Dean: Reginald Perry; Assistant Dean: Braketta Ritzenthaler

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 degree or an advanced research-oriented graduate program leading to the Master of Science or Doctor of Philosophy 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 Potsdamer 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, the Master of Science, and Doctor of Philosophy 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. All undergraduate degree programs are accredited by the Engineering Accreditation Commission of ABET, (111 Market Place, Suite 1050, Baltimore, MD, 21202-4012; phone: (410) 347-7700, the recognized accreditor for college and university programs in applied science, computing, engineering, and technology). The College also offers interdisciplinary specialties 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 sq. ft. of classroom, office, and laboratory space in a building complex especially designed for engineering education. It is located off the main campus of the university, in an area adjacent to Innovation Park, which also houses the National High Magnetic Field Laboratory, the Center for Advanced Power Systems (CAPS), the High Performance Materials Institute (HPMI), and other university, public and private organizations engaged in research, development, and clean industry operations. Each department of the College operates specialized laboratories for teaching and research that are listed in the College description of programs. The College operates a computing facility, a library and reading room, as well as machine and electronic shops for the common use of all programs.

Library

The mission of the College of Engineering Library is to support and enhance the learning, teaching, research, and service activities of the FAMU–FSU engineering communities by providing organized access to quality information in all formats, promoting information literacy, preserving information, and engaging in collaborative partnerships to disseminate ideas to advance intellectual discovery. 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 newly renovated College of Engineering Library is a satellite for both university libraries and houses a small collection along with extensive access to electronic collections. Materials not available at the library may be requested through Interlibrary Loan or U-Borrow.

The Library is staffed by a full-time librarian and several assistants who offer research assistance in person, over the telephone, and via e-mail and text. Instruction in library and information literacy is available to classes and groups upon request.

Library services also include Flip video cameras, laptops, headphones, and other technology that is available for check out upon request. Group study tables, lounging stations, and tutoring areas were all part of the innovative transformation of the engineering library in May 2011.

Computing Facilities

Students have access to various 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 2,000 computing devices connected to its local network, managed by the College’s Communication and Multimedia Services (CMS) unit. Computers connect to the College’s network via 1Gbps and 100Mbps Ethernet connections. Over 200 high-end Intel-compatible workstations are provided for general student use. These computers are housed in four labs: one of the computer labs is open twenty-four hours a day when classes are in session, while the other three are used primarily as classrooms. The College also provides workstations in public areas that are available to students twenty-four hours a day, 365 days a year. A group of Sun Solaris and Linux servers backed by a Storage Area Network, as well as a number of independent Solaris, Windows, and Linux server platforms, provide a range of computing services to the College user community. CMS continues to evaluate and upgrade computer capabilities as computational needs grow. Additionally, both universities provide on-campus facilities that are available to all students. To support the instructional and research missions of the College, a variety of software packages are provided, as well as major general-purpose packages, as well as special applications oriented toward particular disciplines. The College’s research labs contain dozens of computational systems to provide enhanced research capabilities including complex number crunching for simulations. College researchers also take advantage of shared computational clusters located at the College and at each university. The College’s computing infrastructure uses high-end core router/switches interconnected to edge switching via gigabit fiber. 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 fast access to the Internet2 and the LambdaRail network. Florida A&M University’s computing facilities are also connected to the Tallahassee MAN, thus providing a link to the College for its students. In addition to the local wired network, the College provides wireless LAN services throughout the facility 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. The multimedia equipment in every classroom generally includes LCD projector, overhead projector and/or document camera, VCR, and sound system. The ceiling-mounted LCD projector is used for large-scale projection and is 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. Distance delivery of classes to/from the FSU Panama City campus occurs regularly, and distance-learning collaborations with other universities are frequent. Live and recorded programs, classes, and events are streamed via the Internet to authorized viewers. Multi-point IP videoconferencing is also available.

Supporting Facilities

Other nearby resources include the Office of Technology Integration (OTT); the National High Magnetic Field Laboratory (the ‘Mag Lab’); the Center for Advanced Power Systems (CAPS); the High Performance Materials Institute (HPMI); and the Aeropropulsion, Mechatronics and Energy Building. The college also operates the Tallahassee Challenger Learning Center, a K-12 STEM outreach facility serving the Southeast region of the U.S. Located in downtown Tallahassee, the Center houses a 3-D IMAX theatre, planetarium, and Challenger Space Mission and Control Center. Other supporting facilities are Northwest Regional Data Center (NWRCDC), Florida Department of Transportation research facilities, 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/scholarships/.

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 résumé, cover letter, and personal statement writing, internship coop 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 in the Fall and Spring semesters.

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 demanding discipline, and students majoring in engineering must follow a required sequence of courses and achieve a high level of proficiency. 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, which are reviewed and revised as needed by the College of Engineering, have been established to ensure that program graduates receive a quality education and make progress toward satisfying engineering major degree requirements.

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. Students must have an overall GPA of 2.0 or better and achieve a grade of “C” or better in EGN 1004L First Year Engineering Laboratory (1 hour), Calculus I, Calculus II, General Chemistry I, and General Physics I from any institution attended. Intended Chemical Engineering students shall replace General Physics I with General Chemistry II. A single repeated attempt in only one of the five courses listed above with no more than one grade of “C-” is allowed. A student may be eligible to receive an exemption from having to complete the First-Year Engineering Laboratory course if he/she is seeking a second bachelor’s degree, or has completed a similar course at another institution, or transfers into the College already with credit for all of the other pre-engineering courses listed above. Students should contact the College of Engineering if they feel they qualify for an exemption. Any student who transfers out of pre-engineering before completing the course and then desires to transfer back to engineering must complete the course or its equivalent. Any student who needs two repeated attempts to complete the five courses or has two or more grades of “C-” may be considered for continuation in engineering if additional grade and coursework requirements are satisfied. Contact the Office of Student Services at the College of Engineering for details. Any student who needs three or more repeated attempts to complete the five courses listed above does not satisfy this requirement and will not be allowed to continue in the engineering program.

2. Once a pre-engineering student satisfies all of the pre-engineering requirements, he/she may visit the Office of Student Services 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 such course; and

3. A student who is failing a course cannot receive a grade of Incomplete (I). Students who receive a grade of Incomplete must complete all course requirements 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 his/her academic department.

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 Student Affairs and Curriculum

The College of Engineering Council of Student Affairs and Curriculum has been assigned the responsibility to ensure that these academic requirements are equitably and consistently applied to all engineering students.

Course Withdrawal/Drop Policy

The Course Withdrawal/Drop Policy at the College of Engineering is different from the policy used by the University. Students who seek to withdraw from the University or drop a course should do so by the drop deadline established by the College of Engineering as outlined below:

1. Current Semester Withdrawal/Drop

   Engineering students may drop from any course in the current semester for any reason up to the end of the seventh week of classes. Between weeks seven and ten of each semester is considered the Engineering “Late Drop” Period. All pre-engineering students and those classified as Basic Division (BD) are limited to a total of two “late drops” during their tenure in the pre-engineering or Basic Division programs. Students who have reached their “two late drops” limit will not be permitted another late drop until they enter their intended engineering major and leave Basic Division. Students who are coded in a degree granting engineering major and are classified as Upper Division (UE) are permitted an unlimited number of “late drops.” Students wishing to withdraw from the University by dropping all of their courses may do so up to the end of tenth week deadline. Engineering students will not be permitted to drop or withdraw after the tenth week deadline except in documented cases of administrative error, death in the immediate family, personal illness, or military service obligation. The drop withdrawal deadlines are posted on the College of Engineering Web site.
2. **Prerequisites:** MAC 2312 and PHY 2048.

   - **MAC 2312:** Calculus with Analytical Geometry I (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."

**State of Florida Common Program Prerequisites**

The State of Florida has identified common program 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. Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic adviser in their major degree area.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. MAC X311 or MAC X281
2. MAC X312 or MAC X282
3. MAC X313 or MAC X283
4. MAP X302 or MAP X305
5. CHM X045/X045L or CHM X045C, or CHS X440 and CHM X045L
6. CHM X046/X046L or CHM X046C*
7. PHY X048/X048L or PHY X043 and PHY X048L
8. PHY X049/X049L or PHY X049L, or PHY X044 and PHY X049L
   *Chemical and Biomedical Engineering Majors

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.fflorida.edu/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual/ for a current list of state-approved prerequisites.

**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 and PHY 2049C. This course is an 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 BS and BSCPE.

**EEL 3003L. Introduction to Electrical Engineering Laboratory (1).** Prerequisites: MAC 2312 and PHY 2049C. Corequisite: EEL 3003. This laboratory supports EEL 3003. Must be taken concurrently with first enrollment in EEL 3003. Must be dropped if EEL 3003 is dropped.

**EGM 3512. Engineering Mechanics (4).** Prerequisites: MAC 2312, PHY 2048. Corequisite: MAC 2313. This course covers 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.

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

**EGN 2123. Computer Graphics for Engineers (2).** Corequisite: MAC 2311. This course covers principles of engineering graphics: visualization, spreadsheet applications, graphical calculus, and descriptive geometry. Also introduces the engineering design process and CAD systems.
EGN 3613. Principles of Engineering Economy (2). Prerequisite: MAC 2313. This course emphasizes discrete cash flow diagrams, cash flow equivalence factors, standard criteria for comparing project proposals, special cash flow topics, special analysis, and case studies.

EML 3100. Thermodynamics (2). Prerequisites: CHM 1045, MAC 2312, and PHY 2048. This course discusses the fundamentals of thermodynamics. System description, common properties, Properties of pure substances. Mathematical foundations. First and Second Laws of Thermodynamics, closed and open systems. Equations of state and general thermodynamic relations. For non-mechanical engineering majors.
THE GRADUATE SCHOOL

Dean: Nancy H. Marcus; Associate Dean: Judith Devine

The first graduate degree was a Master’s of Science (MS) degree in psychology that was awarded to Barbara Elizabeth James in 1903. Boris Gutbezahl, a student in the Department of Chemistry was awarded the University’s first Doctor of Philosophy (PhD) degree in 1952. The mission of the Graduate School is to advance the quality and integrity of graduate education. The Dean of the Graduate School is responsible for the broad oversight of all graduate programs. Florida State University offers an extensive range of graduate and professional programs through the fifteen colleges. Graduate education at FSU includes 102 master’s degrees, nineteen specialist and advanced master’s degrees and sixty-seven doctoral degrees. Professional degrees are also offered in Law and Medicine. In addition, a variety of opportunities are available for students interested in advanced degrees, including interdisciplinary degree programs, joint degrees, dual degrees, and combined bachelor’s/master’s degree programs. Florida State University also offers several online academic degree programs and graduate certificate programs. Details about these programs can be found in the appropriate department chapter of the Graduate Bulletin, and online at The Graduate School Web site http://gradschool.fsu.edu.

Combined Bachelor’s/Master’s Degree Programs

The combined bachelor’s/master’s degree programs provide academically talented students an opportunity to complete a bachelor’s and a master’s degree in a shorter time span. These programs allow students to double-count graduate courses for both degrees, thus reducing the time it would normally take. For more information visit the Graduate School Web site at http://gradschool.fsu.edu/Academics-Research/Degree-Programs/Combined-Bachelors-Masters-Degree-Programs.

Offices, Centers, and Special Programs

The Office of Graduate Fellowships and Awards, a unit of the Graduate School, assists current graduate students in identifying and applying for external fellowships, grants, and awards. The office provides a variety of workshops and events to introduce national funding opportunities, teach strategies for creating competitive applications, and discuss relevant campus policies and procedures. Additionally, students may seek one-on-one support as they polish their proposals. Entering graduate students may learn more about getting started with external funding opportunities at The Graduate School’s New Graduate Student Orientation. For information, contact the office at ogfa-info@fsu.edu or visit the Web site at http://ogfa.fsu.edu.

Current undergraduate students can obtain similar support services from the Office of National Fellowships as they begin their graduate planning. For further details, please visit their Web site at http://onf.fsu.edu.

The Frederick L. Jenks Center for Intensive English Studies (CIES) provides intensive instruction in the English language to non-English speakers. Its primary target audience is international scholars who are preparing to pursue degree work in American colleges and universities. In addition, CIES evaluates the English speaking proficiency of FSU’s international Teaching Assistants (TAs) through its administration and scoring of the SPEAK test. Along with this assessment, the Center provides credit-bearing classes for those prospective international TAs who need further development of their speaking proficiency in English. CIES also offers a seven-week Certificate in Teaching English as a Foreign Language for FSU students, or any in the community, who wish to go abroad to teach English. For further information, call (850) 644-4797 or visit the Web site at http://cies.fsu.edu.

The Program for Instructional Excellence (PIE) is a university program that helps prepare graduate student TAs for their instructional role at FSU and their future career in academia. The PIE program also supports departmental TA training. Through its programs, PIE creates opportunities to foster a sense of collaboration and community among graduate student TAs. For more information, visit the PIE Web site at http://pie.fsu.edu.

Fellowships, Assistantships, and Awards

The Graduate School administers several internal university-wide fellowship and award programs to support or recognize the achievements of new and returning graduate students. Many graduate students receive financial support (stipend and tuition waivers) as Teaching Assistants, Research Assistants, or Graduate Assistants. Interested students should contact departmental administrative units directly for more details and information.

Details of these programs, with updated deadlines and due dates, are provided each year on the Graduate School Web site at http://gradschool.fsu.edu.
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 programs in three academic departments: (1) Family and Child Sciences (FCS); (2) Nutrition, Food, and Exercise Sciences (NFES); and (3) Retail Merchandising and Product Development (RMPD);
- master’s and doctoral programs in two of the departments: (1) Family and Child Sciences (FCS); (2) Nutrition, Food, and Exercise Sciences (NFES).

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 practica and 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). 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), a doctoral program in marriage and family therapy accredited by the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE), and a Certification in Family Life Education approved by the National Council on Family Relations (NCFR).

The College has an Eminent Scholar in Family and Child Sciences who directs the Family Institute. The department of Family and Child Sciences also operates the Center for Couple and Family Therapy and the Center for Better Health and Life in Underserved Populations. Other centers and institutes within the College include the Center for Advancing Exercise and Nutrition Research on Aging, the Center for Retail Merchandising and Product Development, and the Institute of Sports Sciences and Medicine.

Facilities

The College has several new state of the art instructional laboratories in the newly renovated and expanded William Johnston Building. Included in this space are laboratories that enhance and enrich the student’s education in merchandising (the Macy’s Laboratory), technology (the Office Depot Technology Center), product development, nutrition informatics, experimental foods, food science, food sensory analysis, exercise testing and prescription, body composition assessment, blood chemistry analysis, and athletic training. Specialized laboratories in the Sandels Building include the textiles laboratory complex, which provides students chemical and physical testing facilities for end-use performance of textile products; and the historic clothing and textiles laboratory, which houses the Carter Collection of Peruvians Textiles and an extensive collection of accessories and children’s and women’s wear. Additionally, the Family and Child Sciences Department has several new teaching and research laboratories.

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 family and child sciences and athletic training. Internships are an integral part of the degree program in retail merchandising and product development. 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 pre-health professions.

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 academic performance, 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

Department of Nutrition, Food, and Exercise Sciences
- Food and Nutrition Science
- Exercise Science
- Athletic Training

Department of Retail Merchandising and Product Development
- Clothing, Textiles, and Merchandising with a major in:
  - Retail Merchandising and Product Development

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 and a minimum of three 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 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 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. 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, CHD 2220, and STA 2XXX, 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 Retail Merchandising and Product Development, specified courses for the major of retail merchandising and product development must be completed with a grade of "C" or better (see department listing).

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 academic mapping milestones or the above departmental prerequisites for students who are not subject to academic mapping, 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.

• 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 have an FSU overall GPA of 2.5 or better to graduate.

• For the Department of Retail Merchandising and Product Development, students majoring in retail merchandising and product development must achieve:
  • a "C" or better in all other required courses and have a cumulative GPA of 2.75 or better to apply for the internship;
  • a cumulative GPA of 2.75 or better to take courses in the internship block;
  • an FSU overall GPA of 2.5 or better to graduate.

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The College of Law offers two unique programs to undergraduates who want to continue on to law school. The Summer for Undergraduates Program is the largest of its kind and has become a national model for other law schools. Sixty undergraduate college students are chosen to participate in this month-long program, which exposes students to the law school experience. During the program, undergraduates attend daily classes taught by law school professors and writing instructors. Lectures familiarize students with the functions of the American legal system and the process by which conflicts are resolved. Writing workshops help students develop their writing and communication skills. In addition to classes, the program provides guest lecturers from the legal community and includes observation of courtroom proceedings and visits to local law firms. The College of Law provides room and board, course materials, and a $500 stipend to all participants. Students are responsible for their travel to and from Tallahassee. For more information on this program, please contact the Office of Student Affairs at (850) 644-7338 or safsfiars@law.fsu.edu. The College of Law also offers an honors program to FSU undergraduates. Each year, a number of honors program undergraduate students are invited to become members of the FSU Honors Legal Scholars Program. This competitive program provides FSU honors students the opportunity to become members of the law school community as undergraduate students. As a member of the Honors Legal Scholars Program, students have a unique opportunity to meet and interact with FSU law faculty and administrators, observe law classes, attend law school events and lectures, and gain valuable information and insight into law school and the legal profession. Upon completion of their bachelor’s degrees, these scholars will receive automatic admission to the College of Law Honors Program. The College of Law provides that they complete and submit an FSU law school application; have an LSAT score of 162 or higher and an undergraduate GPA of at least 3.6; and have a record that reflects the fitness of character to study law. For more information on the honors program, please contact the Admissions Office at (850) 644-3787 or admissions@law.fsu.edu.

Students from all majors have completed programs in law school. Undergraduate students considering law school are encouraged to visit the College of Law. Tours of the College and class visits may be arranged through the Admissions Office. For more information please call (850) 644-3787 or e-mail admissions@law.fsu.edu.
The College of Law also sponsors a summer program at Oxford University in England. As the oldest ongoing program in Oxford sponsored by a U.S. law school, it provides students with a unique opportunity to study comparative law and the history of the common law and its institutions in their original setting. For information write to: Director, The Florida State University Summer Program in Law at Oxford, Tallahassee, FL 32306-1600; call (850) 644-4578; or visit http://www.law.fsu.edu/academic_programs/international_law/oxford/index.html.
DEAN: John Fogarty; Senior Associate Dean for Academic Affairs: Alma Littles; Associate Dean for Health Affairs: Leslie Beitsch; Associate Dean for Student Affairs and Admission: Christopher Leadem; Assistant Dean for Student Affairs: Robert Campbell; Assistant Dean for Admission: Graham Patrick; Associate Dean for Medical Education: Mary Johnson; Associate Dean for Curriculum Development and Evaluation: Lynn Ronrell; Senior Associate Dean for Research and Graduate Programs: Myra Hurt; Senior Assistant Dean for Regional Medical School Campuses: Paul McLeod (Pensacola Campus); Assistant Deans for the Regional Medical School Campuses: Bruce Berg (Sarasota Campus), Randy Bertolotti (Ft. Pierce Campus), Luckey Dunn (Daytona Beach campus), Mel Hartsfield (Tallahassee Campus), Michael Muszynski (Orlando Campus); Director of Rural Health: Maggie Blackburn; Director of the Clinical Skills and Simulation Center: Debra Danforth; Director of the Medical Library: Barbara Shearer; Executive Director of Outreach and Advising: Thesla Berne-Anderson; Associate Dean for Faculty Development: Dennis Baker; Assistant Dean for Faculty Development: Gregory Turner; Assistant Dean for Information Management: John Van Wingen

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. The curriculum is comprehensive, preparing students to enter residency training in any specialty; however, the program of study emphasizes the priority areas identified in the College’s mission.

Pre-medical Education

The practice of medicine requires a sound science background, and most medical schools have the same standard list of premedical requirements. Medical schools recruit, and the medical profession needs, individuals from diverse educational backgrounds who bring to the profession a variety of talents and interests. Medical schools review personal qualities, academic qualifications, communication skills, and motivation when considering candidates for selection.

Students considering medicine as a profession should consider carefully their undergraduate major area of study. Students should select a major area of study that is of interest, and that will provide a foundation of knowledge necessary for the pursuit of several career alternatives. Students who select a major area of study steadily, or primarily, because of the perception that it will enhance the chance of acceptance to medical school are not making a decision in their best interest. A science major is not a prerequisite for medical school, and students should not major in science simply because they believe this will increase their chances for acceptance. The most common majors for matriculating students include biology, biochemistry, psychology, exercise science, and business, and various other non-science majors.

The AAMC describes the medical profession as demanding in terms of the time, energy, and responsibility for other people’s lives, and states that the commitment to continuing service and education is essential. The practice of medicine requires physical, emotional, and intellectual stamina; the desire to work with and for people; and, particularly, the ability to use critical thinking to solve problems. The undergraduate years should be a time for students to discover if they possess these characteristics.

Undergraduate students who are thinking about medical school are encouraged to visit and contact the College of Medicine Pre-health Professions Advising Office, 1115 West Call Street, (850) 644-7678; or e-mail the school at medinfoformation@med.fsu.edu.

Degree Programs

Doctor of Medicine (MD)

The FSU College of Medicine trains students in allopathic medicine, which includes the diagnosis, management, and treatment of disease. The College confers upon its graduates the degree of Doctor of Medicine. Upon completion of the four-year Doctor of Medicine educational program, these physicians pursue graduate medical education (internship, residency, and sometimes fellowshipships), 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 and pass all required courses and clerkships, must successfully complete the end-of-third-year OSCE (Observed Structured Clinic Examination), must complete all required surveys and evaluations, and must have a passing score on the United States Medical Licensing Examination (USMLE) Steps 1, 2CK, and 2CS. Further information may be found in the Graduate Bulletin and in the College of Medicine Student Handbook at http://www.med.fsu.edu/.

Honors Medical Scholars Program

The FSU College of Medicine, in conjunction with the FSU Honors Office, has established a program that is open annually to qualified students. The program allows eligible FSU honors students to pursue a Bachelor of Science degree of their choice while also participating in the Honors Medical Scholars Program, which includes a seminar course, mentorship program, and required pre-medical courses and experiences. Students participating in the program may be eligible for early admission to the FSU College of Medicine upon completion of pre-med requirements. Application and program details are available from the FSU Honors Office at (850) 644-1841.

Doctor of Philosophy (PhD) in Biomedical Sciences

The Doctor of Philosophy 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 Doctor of Philosophy work. A core curriculum of the fundamentals, a wide array of electives from other departments, and intellectual interaction with faculty and post doctoral fellows encourages graduate students to become independent scientists.

To be considered for graduation from the FSU College of Medicine with the Doctor of Philosophy 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 semester hours of dissertation credit and submitting, publicly presenting, and successfully defending a dissertation.

Additional details are available at http://med.fsu.edu/index.cfm?page=biomedicalSciences.phdBioMed. For additional information or inquiries please contact us by calling (850) 645-6420.

Admission Requirements

Admission to the Doctor of Medicine (MD) Program

All inquiries regarding admission should be sent to College of Medicine, Florida State University, Tallahassee, FL 32306-4300; or e-mail 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 U.S. citizen, should meet academic standards predictive of success in medical school (academic grade point average and MCAT score), and should have completed the required prerequisite courses. A listing of prerequisite courses may be obtained by contacting the Pre-health Professions Advising Office in the College of Medicine or on the College of Medicine Web site at 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 Doctor of Philosophy (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://med.fsu.edu/index.cfm?page=biomedicalSciences.phdBioMed). Admissions requirements for the Doctor of Philosophy 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 80 for the internet based (IB) test or 550 for the paper test. Special admission consideration may be requested based on disability.

Applicants may send the required material to the University Admission Office at https://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-physician 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, but with an emphasis on the medical field. 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 3.2. 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 coursework, dental schools, test preparation, and the application process. Guest professionals from the local dental community in Tallahassee are invited to speak at meetings. Membership is available through the Pre-Health Professions Advising Office.

The Pre-Veterinary Society is an organization that provides an environment where students can expand their interests in veterinary medicine. Members build a strong support group to share information about coursework, 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.
The College of Motion Picture Arts offers undergraduate and graduate programs in the University Center Building A 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 two smaller screening rooms, including a high-definition screening room for dailies and color timing; two digital audio mixing suites; a computer laboratory; a visual effects laboratory; a set-building shop; a 35-mm 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 digital (HD, 2K, 4K, 5K) and film (16mm, 35mm) production.

The College of Motion Picture Arts also operates facilities in West Palm Beach for the delivery of major classes in its Animation and Digital Arts program. Co-located with the Digital Domain Institute, these facilities include: a sound stage; recording stages with Foley and ADR capabilities; a 120-seat theater; two screening rooms for dailies, color timing, and audio mixing; computer labs for non-linear editing, visual effects, and animation; storyboarding and previsualization rooms; and a learning resource center.

Undergraduate Degree Program

The programs of study leading to the Bachelor of Fine Arts degrees are designed to lead students through the complete process of creating short films, while incorporating a well-rounded liberal arts education that includes writing courses. Core courses in the majors include producing, directing, cinematography, screenwriting, sound, editing, production management, motion picture history, theory, and aesthetics. Students may be accepted into the programs at the freshman level or transfer into the programs once seventy-five percent, or 500–1000 word essay describing his or her motivation for pursuing an education in motion picture arts. Any application that does not contain all of 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 online by the College of Motion Picture Arts no later than the University’s fall admission deadline for the applicant to be considered for admission the following Fall semester. More information concerning the undergraduate application is available online at http://film.fsu.edu.

Graduate Degree Program

The program leading to a Master of Fine Arts degree has set the following goals: to provide the creative and technical environment for professional specialization; to ground students in the history of each medium’s theory and practice; and to prepare students for careers as artists, managers, producers, and craftpersons in the professional film and video production industries. The MFA program is a full-time (Fall, Spring, and Summer), two-year course of study in motion picture screenwriting and production. Writing students will complete sixty-one semester hours, and production students will complete ninety semester hours of coursework. The curriculum focuses on the art, craft and business of storytelling. The graduate program is designed and scheduled as a conservatory. It is meant to create a practicum 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 Arts is limited access, making admission highly selective and competitive. Applicants must apply to Florida State University’s Office of Admissions by their fall admission deadline and must submit a separate application to the College of Motion Picture Arts. Each applicant must submit a resume, three letters of recommendation, copies of high school and college transcripts, and a 500–1000 word essay describing his or her motivation for pursuing an education in motion picture arts. Any application that does not contain all of 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 online by the College of Motion Picture Arts no later than the University’s fall admission deadline for the applicant to be considered for admission the following Fall semester. More information concerning the undergraduate application is 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 College of Motion Picture Arts 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 program.
The College of Music provides a music minor for the divisions of the University that require a minor course of study. Admission to the minor program requires the following:

1. approval of the major department;
2. approval of the College of Music; and
3. an approved placement audition level on an acceptable instrument or voice.

Detailed information can be obtained from the College of Music’s undergraduate studies office.

The following are the graduate degrees offered by the College of Music:
- Master of Music with majors in Performance, Music Accompanying, Piano Pedagogy, Choral Conducting, Instrumental Conducting, Jazz Studies, Music Theory, Music Composition, Musicology (both historical and ethnomusicology), Opera Production, Music Therapy.
- Master of Music Education
- Master of Arts in Music – Liberal Studies
- Master of Arts in Arts Administration
- Doctor of Philosophy in Music Education
- Doctor of Philosophy in Music Performance
- Doctor of Philosophy in Music Theory and Composition
- Doctor of Music in Composition
- Doctor of Music in Performance

Consult the Graduate Bulletin for information on the graduate programs offered by the College of Music.

Facilities

Music Facilities

The College of Music enjoys excellent teaching, research, and performance facilities. The two College of Music buildings are located on Copeland Street on the east side of the campus. The Kuersteiner Building, completed in 1948, is a four-story structure that is connected to the Wiley L. Housewright Music Building, which was completed spring 1979. The College of Music also occupies a number of offices in the Longmire Building. These buildings house the administrative offices; teaching studios; classrooms; band, orchestra, choral, opera, and ensemble rehearsal halls; music education and music therapy research laboratories; electronic music studios; ethnomusicology studios; early music studios; concert and recital halls; the Warren D. Allen Music Library; the Center for Music Research; and 130 practice rooms. All music facilities are air-conditioned and are structurally designed for maximum effectiveness.

Concert Facilities

The Opperman Music Hall is a 430-seat recital hall located in the Kuersteiner Building. The facility is used for faculty and student recitals, concerts, and lectures. The Ernst von Dohnanyi Recital Hall, located in the Housewright Music Building, is a 218-seat facility used for recitals and lectures. The Lindsay Recital Hall, located in the Kuersteiner Building, is a 125-seat facility used for recitals and lectures. The Longmire Recital Hall in the Longmire Building is a 120-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 Concert Hall is a large concert 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. House in 18,000 square feet of space with comfortable furnishings and excellent sound equipment, the music library provides students with impressive resources and surroundings for the pursuit of their studies. Three librarians and other library staff are on duty to assist students and faculty in their use of the library.

Opera Shops

Built between 1977 and 1978, the Opera Scene Shop provides 6,000 square feet of construction space with some storage area. The building features a drafting office, elevated grid area for constructing wagons and assembling scenic flats or drops, complete hand and table tools, and a wooden “stage” area for painting drops. An opera production is built there each semester, as well as sets for opera scenes and opera majors’ projects. The Opera Costume Shop is located in the Kellogg Building. Costumes are constructed or alterations are made on rental costumes each semester. In addition, costumes are constructed for various opera workshop scene programs.

Organ

A 1975, thirty-four stop Holtkamp tracker (mechanical action) organ in Opperman Music Hall is used for recitals, concerts, and lessons. Practice organs include tracker and electronic action instruments by Holtkamp and Wicks. Two portable continuo organs are available for performances requiring small instruments: a 1976, four stop Holtkamp; and a 2003, three stop Bennett and Giut tari with transposing keyboard. On permanent loan from the College to St. John’s Episcopal Church, Tallahassee, a restored English chamber organ built by Hill and Davison between 1837 and 1838 is available in the church’s Carter Chapel. Fine organs by Taylor & Boody, C. B. Fisk, and Casavant are available through longstanding arrangements with downtown churches within easy walking distance of the College.

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:

- Arts Administration, Graduate
- College Teaching, Graduate
- Early Music, Graduate
- Jazz Studies, Undergraduate
- Music Education and Leadership, Graduate
- Music of the Americas, Graduate
- Music Therapy Equivalency, Graduate
- Pedagogy of Music Theory, Graduate
- Performance, Undergraduate
- Piano Pedagogy, Undergraduate
- Sacred Music (instrumental or vocal emphasis), Undergraduate
- Special Music Education, Undergraduate
- World Music, Graduate

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 performances each year. Students interested in receiving additional information should contact the College of Music’s publicity office or the College’s undergraduate/graduate studies offices. A partial listing includes the following:

- The Festival of New Music. This biennial festival features recent works by composers from throughout North America.
- Housewright Scholar Residencies. The College of Music enjoys the residency of visiting scholars each year through the Lucille and Wiley Housewright Eminent Scholar Chair in Music.
- Shelfer Scholar Residency. The College of Music enjoys a continuing residency of a Professor of Voice through the Lucille P. and Elbert B. Shelfer, Jr., Eminent Scholar Chair in Music.
- Summer Music Camps. Each year the College of Music provides a performance institute for high school and junior high school musicians.
- Other Special Events. The College of Music regularly hosts various conventions and workshops, presents festivals, and gives special courses.

Work-Study

Students eligible for work-study through the Office of Financial Aid may request employment through the College of Music.

Faculty Citations

The College of Music may award faculty citations to outstanding students who are pursuing the baccalaureate degree or to graduates who hold a baccalaureate degree from the College of Music. These citations bear the names of distinguished former members of its faculty: the Ernst von Dohnanyi citation for excellence in performance or composition; the Ella Scoble Opperman citation for distinguished achievement in the teaching of music and outstanding leadership; and the Warren D. Allen citation for excellence in scholarship. With faculty approval, additional citations may be awarded to graduates who hold master’s or doctorate degrees from the College of Music.

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 to $3,000 for in-state students and $500 to $14,000 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 degree in Music 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. 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.

Jury Examinations. All students must meet the applied music proficiencies for their individual degree program each term for continuation in the music major. Jury examinations are required of all majors and principals at the completion of a two-semester sequence.

Note: 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 semester. 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 semester hours), one year of MUH 3211-3212 Survey of Music History (six semester hours), and an approved literature course (a total of eleven semester hours). Therapy, choral, instrumental, and general music education majors will elect PSY 2012 General Psychology as three of the six 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. Cumulative GPA for all music courses must be 2.0 or higher
3. 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
4. A minimum of forty-five semester hours of general education must be completed (3000 and 4000 level courses)
5. The final thirty semester hours must be completed at Florida State University; and
6. A minimum of one hundred twenty 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 MV__0011–0046 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 Web site, at http://music.fsu.edu/.

**Performance Majors.** Candidates for the Bachelor of Music degree in performance must select an area of concentration—piano, organ, voice, harp, guitar, percussion, or a string, woodwind, or brass instrument—and follow the curriculum in the chosen area of concentration. Bachelor of music degree candidates in all areas of performance are required to present a joint recital during the junior year (MV__3970) and a complete recital during the senior year (MV__4971). An examination will precede every such recital by at least two weeks.

- All performance majors except piano and organ majors are required to demonstrate proficiency in playing piano accompaniments of medium difficulty (completion of second-year class piano [MVK 2121r] requirements). Credit earned in class piano may be used to satisfy the applied music secondary requirement. This requirement must be met before the end of the junior year.
- **Piano Performance Majors.** Total of one hundred twenty semester hours: thirty-four semester hours and jury competency in applied music, including junior and senior recitals; four semester hours in keyboard literature; twenty-two semester hours in theory; ten semester hours in music history and literature; eight semester hours of ensemble; eight semester hours of piano pedagogy and piano accompanying; student recital attendance; one semester hour of music technology; one semester hour of conducting, and thirty-six semester hours of liberal studies.
- **Organ Performance Majors.** Total of one hundred twenty semester hours: thirty-two semester hours and jury competency in applied music, including junior and senior recitals; two semester hours in applied music secondary; six semester hours in pedagogy and repertory; twenty-two semester hours in theory; ten semester hours in music history and literature; four semester hours of ensemble; student recital attendance; twelve semester hours of a foreign language; one semester hour of music technology; one semester hour of conducting; and thirty-six semester hours of liberal studies.
- **Voice Performance Majors.** Total of one hundred thirty-three semester hours: twenty-four semester hours and jury competency in applied music, including junior and senior recitals; four semester hours in applied music secondary; twenty-two semester hours of theory; ten semester hours in music history and literature; eight semester hours of ensemble; student recital attendance; twelve semester hours of a foreign language; one semester hour of music technology; one semester hour of conducting; and thirty-six semester hours of liberal studies.
- **Strings Performance Majors (Violin, Viola, Cello, Double Bass).** Total of one hundred twenty semester hours: thirty-two semester hours and jury competency in applied music, including junior and senior recitals; four semester hours in applied music secondary; twenty-two semester hours of theory; ten semester hours in music history and literature; four semester hours of ensemble; student recital attendance; twelve semester hours of a foreign language; one semester hour of music technology; one semester hour of conducting; and twenty-eight semester hours of liberal studies.
- **Harp Performance Majors.** Total of one hundred twenty semester hours: thirty-six semester hours and jury competency in applied music, including junior and senior recitals; four semester hours in harp pedagogy and literature; twenty-two semester hours of theory; ten semester hours in music history and literature; student recital attendance; eight semester hours of ensemble; four semester hours of electives; one semester hour of music technology; one semester hour of conducting; and twenty-eight semester hours of liberal studies.
- **Guitar Performance Majors.** Total of one hundred twenty-four semester hours: thirty-two semester hours and jury competency in applied music, including junior and senior recitals; four semester hours in applied music secondary; twenty-two semester hours of theory; ten semester hours in music history and literature; four semester hours of ensemble; student recital attendance; twelve semester hours of a foreign language; one semester hour of music technology; one semester hour of conducting; and twenty-eight semester hours of liberal studies.
- **Woodwind, Brass, or Percussion Performance Majors.** Total of one hundred twenty semester hours: twenty-eight semester hours and jury competency in applied music, including junior and senior recitals; four semester hours in applied music secondary; six semester hours in wind and percussion instrument literature; six semester hours in pedagogy; twenty-two semester hours of theory; ten semester hours in music history and literature; student recital attendance; twelve semester hours of ensemble; six semester hours of electives; one semester hour of music technology; one semester hour of conducting; and twenty-eight semester hours of liberal studies.

**Composition.** Approval by the composition faculty is required for admission to the program. Total of one hundred twenty semester hours: sixteen semester hours and jury competency in applied music; six semester hours in applied music secondary; thirty-two semester hours of theory; nineteen semester hours of composition; ten semester hours of music history and literature; student recital attendance; senior recital of compositions; six semester hours of ensemble; one semester hour of conducting; and twenty-eight 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 semester hours: sixteen semester hours and jury competency in applied music; six semester hours in applied music secondary; thirty-two semester hours of theory; three semester hours of composition; ten semester hours of music history and literature; student recital attendance; two semester hours of electives; two semester hours of thesis; six semester hours of ensemble; twelve semester hours of German; one semester hour of music technology; one semester hour of conducting, and twenty-eight semester hours of liberal studies.

Candidates for the Bachelor of Music degree in 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 Theatre.** Approval by the music theatre faculty is required for admission. Total of one hundred twenty semester hours: sixteen semester hours and jury competency in applied music, including junior recital equivalency; four semester hours in applied music secondary; sixteen semester hours of theory; ten semester hours of music history and literature; fourteen semester hours of theatre studies; fifteen semester hours of movement techniques/dance; four semester hours of music theatre repertory; two semester hours of ensemble; one semester hour of major performance role; eight semester hours of music theatre workshop; student recital attendance; one semester hour of music technology; one semester hour of conducting; and twenty-eight semester hours of liberal studies.

**Music Therapy.** Total of one hundred twenty-seven semester hours: twelve semester hours and jury competency in applied music; seven semester hours in applied music secondary; sixteen semester hours of theory; ten semester hours of music history and literature; twenty-nine semester hours of music therapy; three semester hours of other music; two semester hours of senior project; student recital attendance; one semester hour of ensemble; sixteen semester hours of behavioral/health/natural science; three semester hours of elective; and twenty-eight semester hours of liberal studies. Following the completion of the academic program, candidates must serve a six-month resident internship at an affiliated, approved clinical center. Certain courses may satisfy both liberal studies and degree requirements. Candidates for the Bachelor of Music degree in music therapy who complete by jury exam the MV 2321–2326 level in the principal performance area may continue principal instrument study or may elect to study in two or three secondary performance areas. Dance may be used as a secondary performance area. If piano is not the principal instrument, the candidate is required to meet the minimum internship requirements in piano either by completion of second-year class piano requirements (MVK 2121r) or by examination. A total of eighteen semester hours in applied music is required. Students completing the bachelor’s degree in music therapy are eligible to sit for the National Certification Examination and earn the credential MT-BC (Music Therapist Board Certified).

### 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, harp, guitar, or organ. Candidates for the Bachelor of Music Education degree in instrumental music will choose as a principal instrument piano, organ, guitar, or an orchestra 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, 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, 3491, 3492, 3493, 3494, 3495r, 3496c, 4342, 4392, 4411, 4433, 4480, 4481, 4940; MUS 4970c.

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 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 with minimum grade of “C-”
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 music and electives
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 semester hours of professional sequence coursework 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 issued under the status of music education K–12.

**Bachelor of Music Education—Instrumental.** Total of one hundred thirty-four semester hours: twelve semester hours and jury competency in applied music; three semester hours in applied music secondary; sixteen semester hours of theory; ten semester hours of music history and literature; four semester hours of ensemble; twelve semester hours and jury competency; sixty 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 semester hours of senior project/recital; three semester hours of psychology; five semester hours of electives; and twenty-eight semester hours of liberal studies.

**Bachelor of Music Education—Choral.** Total of one hundred thirty-four semester hours: twelve semester hours of applied music; five semester hours of applied music secondary; sixteen semester hours of theory; ten semester hours of music history and literature; two semester hours of senior project/recital; student recital attendance; forty-seven semester hours of music education including internship (students intending to intern in an elementary school must complete MUE 3344 [3] the semester preceding internship); six semester hours of ensemble; three semester hours of psychology; five semester hours of electives; and twenty-eight semester hours of liberal studies.

**Bachelor of Music Education—General Emphasis.** Total of one hundred thirty-four semester hours: twelve semester hours of applied music; five semester hours of applied music secondary; sixteen semester hours of theory; ten semester hours of music history and literature; five semester hours of ensemble; student recital attendance; forty-seven semester hours of music education including internship; two semester hours of senior project; three semester hours of psychology; five semester hours of electives; and twenty-eight semester hours of liberal studies.

**Curriculum Leading to the Bachelor of Arts Degree in Music**

Total of one hundred twenty semester hours: eight semester hours and jury competency in applied music; sixteen semester hours of theory; ten semester hours of music history and literature; four semester hours of ensemble; twelve semester hours of upper-division music electives; student recital attendance; twelve semester hours of foreign language; thirty semester hours of...
electives/minor requirements; and twenty-eight non-music semester hours of liberal studies. At least sixty-six semester hours must be earned in non-music coursework.

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 semester hours: four semester hours in applied music; twelve semester hours of theory; seven semester hours of music history and literature; two semester hours of ensemble; and two 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 undergraduate and graduate programs leading to the Bachelor of Science in Nursing (BSN), a Master of Science in Nursing (MSN) and a Doctorate of Nursing Practice (DNP). For further information on graduate programs, see the Graduate Bulletin.

The undergraduate programs are approved by the Florida Board of Nursing and accredited by the Commission on Collegiate Nursing Education. The mission of the College of Nursing is to develop nursing leaders for professional practice and research 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 traditional graduate of the nursing program also will have met the academic eligibility requirements for taking the state licensing examination for registered nurses.

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 program objectives of Florida State University’s College of Nursing undergraduate program are to educate students who will be able to:

1. Integrate knowledge, skills, and values from liberal studies with nursing science to provide safe, effective nursing care
2. Assume basic organization and leadership roles in the provision of high-quality nursing care
3. Demonstrate beginning scholarship and analytical methods for evidence-based nursing practice
4. Use information management and patient care technology to improve care delivery
5. Demonstrate understanding of the impact of health-care policy, finance, and regulatory environments on patient care and nursing practice
6. Use inter-professional communication and collaboration skills to optimize patient health outcomes
7. Incorporate prevention of illness and population health strategies for optimizing health-related outcomes
8. Demonstrate professionalism; and
9. Provide compassionate nursing care guided by a scientific base of knowledge.

The traditional BSN program is an upper-division major with required prerequisites and a sequential ordering of courses in semesters I - IV. The accelerated BSN program is an upper-division major with required prerequisites and a sequential ordering of courses for students having a bachelor’s degree or higher in another discipline.

Facilities

A variety of clinical laboratory settings are utilized for meaningful learning experiences. The College of Nursing Simulation Laboratories, 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. 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.

Opportunities

The College of Nursing offers honors coursework 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. Numerous scholarships and loans from federal, state, private, and College of Nursing sources are available.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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 must be admitted to the University without completing the prerequisites, but may not be admitted into the program.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual/ for a current list of state-approved prerequisites.

The following lists the common program 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 semester hours of chemistry (CHM prefix), which must be comprehensive college general chemistry (such as CHM 1032) but not lower level prerequisites (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
8. STA X014 or any statistics course
9. SYG X000 or any introduction to sociology

BSN Program Requirements

Students desiring to enter the nursing profession should indicate their major preference on the University application and seek guidance from an academic adviser in the College of Nursing. A separate application to the College of Nursing is required for admission to the nursing program. The College of Nursing reserves the right to interview applicants at its discretion. Application deadline for Fall is February 1st.

The College of Nursing is a limited enrollment program, and admission is competitive based on previous academic performance and external testing. Effective Fall 2011, the College of Nursing transitioned to freshman admissions. Beginning Fall 2013, a limited number of spaces at junior level will be available for upper division and transfer students with competitive GPAs and SAT scores. 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 necessary 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. The Level II report must be on file at the College of Nursing before students can enroll. If the background check reveals violations resulting in students being denied admission to a clinical agency and/or access to patients in the agency, and if a comparable assignment cannot be made to meet course objectives, the student will be unable to progress and complete the program in the College of Nursing. Completion of the curriculum does not guarantee the Florida Board of Nursing (or any other licensing body) will allow students with criminal records to take the licensing examination to become a registered nurse. The cost for these 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 check, 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. Additional background
checks may be required during the program based on clinical agency requirements. 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 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.

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 a third, repeat testing, the student fails the specified course.

To support the clinical competence of each student and promote patient safety, the College of Nursing has adopted a requirement for clinical skills testing. Each student is required to successfully complete clinical skills testing. A student who fails to perform the testing correctly and safely is permitted one repeat testing. Inability to demonstrate skills successfully and safely by the second attempt affects the student’s progression in the program and s/he may not continue in clinical coursework.

A student who is passing a nursing course but has not completed all the required work for the course at the end of the term may, with the permission of the instructor, be assigned a grade of “I”, or incomplete. Students may not carry an incomplete grade in a prerequisite course through the next term. If the incomplete grade 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 continuing course(s).

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 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 nursing course only one time. Students will not be permitted to repeat a clinical course in the same semester in which the course was originally taken. Students are not permitted to take two different level clinical or theory courses at the same time.

Nursing majors are responsible for transportation expenses related to clinical experiences. They are required to carry health and accident insurance. To safeguard the health of clients, nursing students are required to submit proof of health examination and immunizations upon entry into the nursing program. Students must maintain proof of BLS for Healthcare Provider certification, 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 the undergraduate nursing program 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)
4. Completion of an achievement exam in the final senior semester
College of Social Sciences and Public Policy

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-profital, and private sectors.

The College’s faculty teach courses and do research related to every socioeconomic 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 Florida Government and Politics, Rod and Hope Brim Eminent Scholar Chair in Economics, DeVое 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 twenty-first century are the subject matter of our College. Here, critical thinking, analytical methods, and empirical skills are used to understand the political, social, cultural, 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 and Public Policy 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 DeVое 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, Latin American and Caribbean Studies, 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 sociology, political science, and geography, political science, and sociology, and the interdisciplinary programs listed above. 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 twenty-two areas, the Doctor of Philosophy in six fields, and numerous 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, career counseling, and graduation checks. The College actively participates in the liberal studies honors program and offers honors in the major in all of its programs. The College of Social Sciences and Public Policy’ 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 internships for qualified undergraduates. Some 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, Valencia, 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, the Netherlands, Croatia, China, and Turkey.

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 use the charted unit 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 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 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, Latin American and Caribbean studies, 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 and Public Policy 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 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 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 and Public Policy.

Combined Bachelor’s/Master’s Degree Programs

The College’s combined bachelor’s/master’s degree programs provide academically talented students an opportunity to complete a bachelor’s and a professional master’s degree in a shorter time span. Qualified upper-division undergraduate students may take up to twelve hours for graduate credit, while counting those credits towards their bachelor’s degree as well. Students from any undergraduate major taught at FSU may be accepted to the combined degree programs of either the Department of Urban and Regional Planning (Master of Science in Planning) or the Askew School of Administration and Policy (Master of Public Administration), or Public Health (Master of Public Health).

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 and Public Policy 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 or more graded semester hours with a term GPA of 3.5 or better earn the distinction of being on the dean’s list.
The social work program at 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 its first class of students. In 1949, Dr. Coyle Moore became the Chair of the Department of Social Welfare and the master of social work program was accredited by the Council on Social Work Education, which has earned reaccreditation continuously since that time. The School of Social Welfare was created in 1950. 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 twenty-nine 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.

The College of Social Work is dedicated to the preparation of tomorrow’s social workers who demonstrate awareness of the impact of the many social changes that have taken place in our contemporary world. 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: Pamela W. Graham

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: B. Craig Stanley

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: Karen Randolph

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 and a minimum of a 2.0 grade point average (GPA) on all college work attempted. In addition, students must meet the following prerequisites by the end of Term 4 (or before admission to FSU, if the student is transferring from a community college):

1. Completion of a course in each of the following cognates with a grade of “B−” or better: (a) American Government (American National Government or American Government); (b) Biology (Human Biology or Human Anatomy and Physiology); (c) Economics (Introduction to Economics, Microeconomics or Macroeconomics); (d) Introductory Psychology; and (e) Introductory Sociology or Social Problems

2. Completion of one of the following courses with a grade of “C−” or better in order to demonstrate computer competency: CSS 2060, 2064, or 2100

3. Complete a formal application to the BSW Program and attend a social work orientation during the first semester of coursework in the major.

A minimum of fifty 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 the sequence specified in the academic map. Required courses in the major are SOW 1054r, 3203, 3350, 4104, 4232, 4233, 4341, 4360, 4403, 4414, 4510, 4522, and 4620 for a total of fifty credit hours.

Students must earn a minimum GPA of 3.0 in all social work courses attempted. 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 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

The purpose of field education is to provide students with a structured learning opportunity for development and reinforcement of appropriate levels of competence in the field of social work. Field education allows students to apply knowledge, values, and skills learned in the classroom to social work practice settings. As students undertake learning tasks within the reality of agency life, a vehicle is established whereby knowledge and theories can be applied, attitudes and values examined, and skills developed and refined.

The field education component of the College of Social Work is designed to ensure that each student completes a high quality educational experience in a supervised agency placement. This learning experience is designed to enhance a student’s ability to integrate theory into effective evidence-based social work practice, broaden the range of skills for performing social work functions, and strengthen awareness of attitudes, motivations, and judgments identified with the profession of social work. The Office of Field Education selects field placements based on the potential for providing the range and depth of learning experiences necessary to achieve the educational objectives established for those students. Agencies affiliating with the College of Social Work represent the diversity found in social services throughout our community. The College offers a wide array of internships in both public and private agencies, and with diverse populations of clients so that students will be provided opportunities for exposure to a wide range of social work roles and learning tasks.
Undergraduate field education, SOW 4510, is a twelve semester hour course (512 clock hours) that requires the student to register for and successfully complete a thirty-two 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.

Minor in Social Welfare

A minor in social welfare requires sixteen hours in social work courses with a grade of “B-” or better in each of the following courses: SOW 1054, SOW 3203, SOW 3350, and SOW 4620. At least six hours must be completed at FSU. Students must complete an application for the minor and register for SOW 3350. Please note that the minor does not qualify a student to apply for advanced standing graduate programs in social work or for professional certification or licensure.

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.

The Phi Alpha Honor Society serves as a means of recognizing outstanding academic students. The society involves itself in fundraising and community service.

Sigma Phi Omega recognizes excellence of those who study gerontology and aging and the outstanding service of professionals who work with or on behalf of older persons.

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 BSW Program office at the College of Social Work at (850) 644-5713 or e-mail bsw@csvw.fsu.edu.

Citrus Health Network Scholarship

Established in 2002, this scholarship serves as a lasting tribute to the community services provided by Citrus Health Network, Inc. It is awarded annually to graduate students who are interested in working in the behavioral healthcare field in the Miami-Dade County area.

Mark DeGraff and Lula Hamilton DeGraff Scholarship

This award, first presented in 1985, is given to a senior undergraduate or graduate student who intends to conduct research on factors influencing the growth and development of youth, or who intends to work professionally with youth.

Lamar F. Everett Scholarship

This scholarship was established in 2009 as the result of a bequest from Mr. Everett’s estate. The award is specifically earmarked to benefit economically disadvantaged and academically worthy undergraduate or graduate College of Social Work students.

Joanna F. Gorman Scholarship

This scholarship was established to honor Dr. Gorman who had a deep commitment to the profession’s development and a clear vision of social work’s mission to create a more just society. Full-time social work students receiving this award show evidence of outstanding academic achievement, exemplify the highest standards of character and plan to work for one year in the area of child welfare, health, or mental health.

Hendron Scholars Program

The Hendron Scholars Program, sponsored by the Helios Education Foundation, is an endowed fund that was created in 2007 and first presented in fall 2008. It provides annual scholarships to graduate students in the FSU College of Social Work.

Macon & Mary Koalska Undergraduate Scholarship

Ms. Jacks was a formidable and outspoken advocate for elderly Floridians for more than five decades. This award is directed to graduate students studying gerontology. Recipients must have completed one course on aging or demonstrated a commitment to the field of aging through volunteer or work experiences.

Richard M. King Scholarships in Social Work and Business Administration

This endowed scholarship was established by alumnus Richard King (MSW ’69) to encourage graduate students who demonstrate interest in earning both an MSW and a Master’s in Business Administration (MBA). Social work students who take electives in the College of Business are also eligible for the award.

James and Mary Koalska Undergraduate Scholarship

This memorial scholarship fund was set up by Professors Paul and Betty Piccard in memory of Betty’s parents, James Koalska and Mary Brennan Koalska. The Koalskas were the children of Irish and Polish immigrants and entered the work force at a very young age. While they could not benefit from a college education, they were able to provide their daughters with opportunities in higher education – one in nursing, the other in social work. This award is intended to cover tuition for a social work undergraduate student whose parents did not attend college.

Joyce Harper Laidlaw Scholarship in Child Welfare

The Laidlaw Scholarship, established by FSU alumna Joyce Harper Laidlaw and her husband Don, was first presented in 2003. It is for graduate students who have decided to focus their studies on child welfare.

M. Sharon Maxwell Ferguson Scholarship in Family Violence
Dr. Maxwell retired in 2006, after serving nearly two decades on the faculty of CSW and establishing the Institute for Family Violence Studies (IFVS). She is a nationally recognized expert in intimate partner violence and a champion of community-based services for survivors and their children. This scholarship is designed to encourage undergraduates to work with the IFVS and explore career opportunities designed to help end family violence.

C. Aaron McNeece Field Education Scholarship

Separate application required. Applications are available online and in the CSW field office, 2510 UCC. The deadline is March 1st. For information, contact Katrina Boone at kboone@fsu.edu or call (850) 644-4860 or 1 (888) 232-6416 (toll-free). Dr. McNeece retired in 2008 after serving on the CSW faculty for thirty years. He is internationally recognized for his work in chemical dependency and treatment for criminal offenders. He held various leadership positions at the College of Social Work and served as dean from 2004 to 2008. This scholarship named in his honor was established by the CSW Field Advisory Committee to provide assistance to graduate and undergraduate students during their internships.

Coyle and Mabel Moore Scholarship

Dr. Coyle Moore came to Tallahassee in 1928 to develop a course of instruction in social work at the Florida State College for Women (FSCW). When FSCW became a University in 1947, Dr. Moore was appointed dean of the School of Social Welfare. Mrs. Moore, who had a degree in social work from the University of North Carolina, was an active advocate of community service. This award, created in honor of Mr. and Mrs. Moore, supports full-time undergraduate and graduate students who demonstrate a commitment to the social work profession through strong character and service.

Sarah Sealey Morrill Scholarship

Mrs. Morrill graduated from the FSU School of Social Work in 1955 and was a pioneering activist who planned and established counseling and guidance services for children in Leon County. Later, she assumed leadership roles in planning and managing programs for the elderly. This scholarship serves as a tribute to Sarah Sealey Morrill’s life-long commitment to community mental health services and is for undergraduate and graduate students specializing in community mental health.

MSW Class of ’75 March Graduates Scholarship

The idea for this scholarship arose during a class reunion in March 2000, as attendees were sharing stories about their lives and they realized that FSU has had a distinguishing influence on their successes. They created this award for full-time MSW students who are interested in community-based practice, advocacy or public policy, with a demonstrated commitment to social justice concerns.

Bernhard Scher Undergraduate Scholarship

This scholarship, first presented in 1978, was established by the family of Dr. Scher. He served as dean of the School of Social Work from 1968-1973 and was a member of the faculty until his death five years later. The undergraduate recipient of this award demonstrates a strong commitment to social work values through actions and words.

Guy and Delores Spearman Scholarship

This scholarship was created by 1975 MSW Alumnus Guy Spearman and his wife to support exemplary undergraduate and graduate social work students who come to FSU from Brevard County, Florida. Mr. Spearman is well known as a legislative lobbyist and an enthusiastic supporter of FSU.

John P. and Jane W. Wakeman Memorial Scholarship for Arts in Social Work

This endowed scholarship has been established by Mary Wakeman in honor of her parents. It is for undergraduate or graduate students in the College of Social Work with an expressed interest in the study and practice of the arts in social work.

Victoria E. Warner Scholarship

This award was established to honor Dr. Victoria Warner, a long-time faculty member and chair of the Department of Social Work at Florida A & M University in Tallahassee. The scholarship is awarded to an MSW student who received a bachelor’s degree from FAMU and intends to pursue a career working within the African-American community.

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 advisors, students may create a program of study that meets their specific educational and career goals.

Child Welfare Practice Certificate Program

This certificate program offers both undergraduate and graduate students an opportunity to focus their curriculum on issues related to child welfare. Coursework addresses: 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 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. For further information, visit http://csw.fsu.edu/academics/certificate-programs/child-welfare-practice-certificate/.

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 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. For more details, visit http://csw.fsu.edu/academics/certificate-programs/the-arts-and-community-practice-certificate/.

Certificate in Gerontology

The mission of this certificate is to educate students about gerontological theories and practices and provide students with gerontological internship and service learning experiences. These educational objectives will give students the skills they need for frontline positions in practice and administrative positions in social service organizations. An in-depth curriculum that emphasizes leadership, decision-making, client-centered management, team building, negotiating, budget and finance, and the successful management of grants will guide FSU students in successfully managing social service agencies and affecting policy and practice on all levels. For more details, visit http://csw.fsu.edu/academics/certificate-programs/certificate-in-gerontology-aging-studies/.
The College of Visual Arts, Theatre and Dance offers 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 means 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, costume design, directing, technical production, and theatre management. Entrance is gained through portfolio review or audition.

The Program in Interdisciplinary Computing

The College of Visual Arts, Theatre and Dance supports the Program in Interdisciplinary Computing (PIC) with representation on the PIC Steering Committee. PIC is a non-degree granting program established to develop, support, and promote computing and information technology courses that empower FSU students to innovate and lead in their respective fields. Courses listed with PIC cover a wide range of computer skills with each course focusing on the application of those skills to the student’s discipline. See http://www.pic.fsu.edu for more information about PIC and a list of current PIC courses.

Facilities

In addition to the lecture rooms, general classrooms, seminar rooms, and media-specific laboratories (e.g., printmaking, electronic imaging, ceramics, sculpture, painting, and the like), four specialized facilities merit particular mention. First, art students in designated degree programs are provided individual studios, 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 what are arguably the best university dance facilities in the nation, including seven spacious, comfortable studios and their own fully-equipped professional dance theatre, experimental black box theatre, and grand studio; in addition, students explore dance technology in state-of-the-art labs. Lastly, theatre students train and perform in four specialized venues, including two traditional proscenium theatres, a lab theatre, and a stage for student-produced works. Finally, students in art education, art history, and interior design work in specifically designed and dedicated spaces in the newly renovated William Johnston Building located in the center of campus.

Honors in the Major

The College of Visual Arts, Theatre and Dance offers honors in the major in several departmental and interdepartmental programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Study Abroad

The University offers many opportunities for international study open to all qualified state university students. Study-abroad programs range in nature from long-established study centers in Florence, Italy, and London, England, to recently developed programs in countries such as Spain, France, and South Africa. Operated by 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. Large, modern, and spacious, the permanent facility on the grounds of the museum is a true extension of the College. 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. Of particular significance to students of theatre is the London program, with its year-round theatre offerings. 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 close extensions of the Tallahassee campus.

Museum Studies

The College of Visual Arts, Theatre and Dance offers a major concentration in museum studies. The program provides theoretical, practical, and methodological training in museum management, curatorial practice, 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 issues and finding a position within 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 increa-
ible museum complex with its superb internationally renowned art collection, circus museums, 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.
UNDERGRADUATE ACADEMIC DEPARTMENTS AND PROGRAMS

Department of ACCOUNTING

COLLEGE OF BUSINESS

Web Page: http://cob.fsu.edu/acc/

Chair: Bud Fennema; Professors: Heffin, Icerman, Morton; Associate Professors: Atwood, Bathke, Billings, Fennema, Gerard, Paterson, Reynolds, Stevens; Assistant Professors: Blay, Zhang; Research Associates: Pierno, Sudano; Associate in Accounting: Greenberg; Assistant in Accounting: Jarnagin; Executive-in-Residence: Woodward; Andersen Professors: Heffin, 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 not-for-profit organizations.

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

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

Students planning to qualify to become a Certified Public Accountant 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 mandated business prerequisite requirement) or CGS 2518.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At this time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/Florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021 or ACG X022, or ACG X001 and ACG X011
2. ACG X071 or ACG X301
   Note: ACG X071 will count toward the degree as elective credits for transfer students; however, it is recommended that native students take another non-accounting elective
3. CGS X100 or demonstrated competency, or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000

4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100

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) at least sixty semester hours of courses in non-business disciplines which includes CGS 2518 Spreadsheets for Business; (4) the general business core requirements for accounting majors; (5) the general business breadth requirements for accounting majors; and (6) the major area requirements for accounting majors.

Note: To be eligible to pursue an accounting major, students must meet the admission requirements for the AACSB accredited business programs in 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 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 three 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)

AND

One elective from the following list of courses:

HFT 3240 Managing Service Organizations (3)
ISM 3003 Foundations of Management Information Systems (3)
MAN 3600 Multinational Business Operations (3)
MAN 4720 Strategic Management and Business Policy (3)
MAR 3400 Professional Selling (3)
REE 3043 Real Estate (3)
RMI 3011 Risk Management/Insurance (3)

Major Area Requirements

All accounting majors must complete the eleven courses listed below. In addition, accounting majors must complete a total of ninety 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 and ACG 2071, Introduction to Managerial Accounting, with a grade of “B” or better (“B-” is not acceptable). Students must also receive a grade of 75% or higher on FSU’s ACG 2021 final examination or complete a competency examination with a score of 75% or higher before they can enroll in upper-level accounting courses. Students will have a maximum of two attempts to pass the competency examination. A grade of “C” or better (“C–” is not acceptable) in ACG 3101 is required to enroll in ACG 3111 or any 4000 level ACG or TAX course. A grade of “C–” or better must be earned in all other 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 2071 Introduction to Managerial Accounting (3)
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) or TAX 4011 Federal Tax 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 3350 Uniform Commercial Code Business Law Problems (3)
TAX 4001 Federal Tax Accounting I (3)

**Definition of Prefixes**

ACG — Accounting: General
CGS — Computer General Studies
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 2021. Introduction to Financial Accounting (3). This course offers an introduction to financial accounting concepts, placing emphasis on financial statements and how they reflect business transactions. Please note, Accounting Majors must earn at least a “B” in this course to proceed to required 3000 level accounting courses.

ACG 2071. Introduction to Managerial Accounting (3). Prerequisite: ACG 2021 with a grade of “B” or better. This course offers an introduction to managerial accounting concepts. Credit is not allowed for accounting majors.

ACG 3101. Financial Accounting and Reporting I (3). Prerequisite: ACG 2071 with a grade of “B” or better. This course offers an in-depth study of financial reporting concepts and generally accepted practice, including an overview of the accounting-cycle assets and noncurrent assets. Emphasis is placed 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. This course offers an in-depth study of financial reporting concepts and generally accepted practice for long-term liabilities, leases, pensions, income taxes, and stockholders equity and earnings per share. Emphasis is placed on analyzing financial events and the consequences of financial-reporting alternatives on financial statements.

ACG 3171. Analysis of Financial Statement Presentation (3). Prerequisite: ACG 2021 with a grade of “C” or better. This course offers an analysis of the assumptions and procedures underlying financial statements and the impact of accounting policies on the use of the financial disclosures made by business enterprises. Credit not allowed for accounting majors.

ACG 3331. Cost Accounting and Analysis for Business Decisions (3). Prerequisite: ACG 2071 with a grade of “C” or better. This course studies 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 2071 with a grade of “B” or better, MAC 2233, and QMB 3200. This course covers the planning and control of economic entities through direct and relevant costing, inventory management, decentralized operations, capital budgeting, and quantitative techniques. Emphasis is placed on the relationship between accounting systems and decision making.

ACG 3351. Cost Accounting II (3). Prerequisite: ACG 3341 with a grade of “C” or better. This course covers the planning and control of economic entities through direct and relevant costing, inventory management, decentralized operations, capital budgeting, and quantitative techniques. Emphasis is placed on the relationship between accounting systems and decision making.

ACG 3949. Cooperative Education Work Experience (0). (S/U grade only.) This non-credit, experiential learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center.

ACG 4201. Financial Accounting and Reporting III (3). Prerequisite: ACG 3111 with a grade of “C” or better. This course offers an in-depth study of financial reporting concepts and generally accepted practice for investments, business combinations, consolidated financial statements, foreign operations, and the statement of cash flows. Emphasis is placed on analyzing financial events and the consequences of financial-reporting alternatives.

ACG 4401. Accounting Information Systems (3). Prerequisites: ACG 3101 with a grade of “C” or better and CGS 2518. This course is an introduction to manual and computerized accounting information systems. Transaction cycles, internal controls, and flowcharting are emphasized.

ACG 4501. Accounting for Governmental and Not-for-Profit Entities (3). Prerequisite: ACG 3111 with a grade of “C” or better. This course covers accounting and budgeting for governmental and not-for-profit entities.

ACG 4632. Auditing Theory and Application I (3). Prerequisites: ACG 3111 and ACG 4401 with grades of “C” or better. This course covers 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. This course covers 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 4862. Investigative Accounting (3). Prerequisite: ACG 3101 with a grade of “C” or better. This course provides an introduction to issues in forensic accounting. Topics include criminal statutes related to financial crimes, techniques used in solving financial crimes, rules of evidence, interviewing techniques, and forensic accounting procedures.

ACG 4863. Fraud Examination (3). Corequisite: ACG 4632. This course provides an introduction to the field of fraud examination. Topics include the nature of fraud, who commits it and why, deterring fraud, financial statement fraud, and fraud resolution.

ACG 4901r. Directed Individual Study (1–3). May be repeated to a maximum of five semester hours.

ACG 4930r. Special Topics in Accounting (1–3). Prerequisite: Instructor permission. This course content varies to provide an opportunity to study current issues in accounting and topics not offered in other courses. May be repeated to a maximum of twelve semester hours as content changes.

ACG 4941. Accounting Internship (3). Prerequisite: Instructor permission. (S/U grade only.) This accounting internship is designed for College of Business students who desire to gain real-world experience in the accounting field through on-the-job practice. Students work under the direction of an approved industry professional, a faculty adviser, and the internship director.

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

CGS 2518. Spreadsheets for Business Environments (3). This course provides an in-depth study of spreadsheets utilizing a problem-solving approach. Spreadsheet-based solutions are explored for common business tasks and problems. The course presents a thorough coverage of spreadsheet functions and tools, along with a deep understanding of their purpose in a business environment. The course is ideal for students with professional interests related to business and economics, as well as for students wishing to obtain a deeper understanding of spreadsheets in general.

TAX 4001. Federal Tax Accounting I (3). Prerequisite: ACG 3101 with a grade of “C” or better. This course covers concepts and methods of determining income of individuals for tax purposes, as well as the interpretation of Internal Revenue Code, related regulations, and tax advisory services.

TAX 4011. Federal Tax Accounting II (3). Prerequisite: TAX 4001 with a grade of “C” or better. This course covers concepts and methods of determining income of corporations, partnerships, estates, and trusts for tax purposes, as well as the interpretation of Internal Revenue Code, related regulations, and tax advisory services. Subsequent credit for TAX 5015 is not permitted.

**Graduate Courses**

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 5906r. Directed Individual Study (1–3). (S/U grade only.)
ACG 5906r. Special Studies in Management (1–3).
ACG 5910r. 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 6845. 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 6930r. Doctoral Seminar in Accounting (3).
ACG 6945r. 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. Pass-Through Entities and Fiduciaries (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
Web Page: http://www.academic-guide.fsu.edu/actuarial_science.html
Coordinator: Steve Paris (Mathematics); Advisory Committee: Case (Mathematics); Beaumont, Benson (Economics); Whalley (Computer Science); Born (Risk Management/Insurance); Gatziol, Maroney (Risk Management/Insurance, MBA); Chicken, Huffer (Statistics); Iceman (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 societies’ Validation by Educational Experience credit areas are approved; this provides FSU students an opportunity to directly advance their careers through their regular classes.

Students in the program are also assisted in moving forward professionally through seminars and tutorials in preparation for national actuarial examinations and by guest lecturers who are actuaries discussing the varied available employment.

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 actuarial science satisfy this requirement by earning a grade of “C-” or higher in COP 3014 or ISC 3313.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. COP XXXX: a scientific programming course for three credit hours designed for computer science majors
2. ECO X013
3. ECO X023
4. MAC X311
5. MAC X312
6. MAC X313

Note: A “C-” grade or better in all coursework is required for admission.

For curriculum information, please see the “Department of Mathematics” chapter in this 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
Web Page: http://www.fsu.edu/~rotc/
Professor: Colonel Billy Francis

The Department of Aerospace Studies provides pre-commissioning 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 five academic semesters remaining, either in undergraduate or graduate status, and who have met the five 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. To obtain specific information, please e-mail the Department of Aerospace Studies at det145@maxwell.af.mil, visit us at Florida State University, 212 Harp-Johnson Hall, Tallahassee, FL 32306-4270, call (850) 644-3461, or view our Web page at http://www.fsu.edu/~rotc

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 cumulative GPA or higher for undergraduates or a 3.0 cumulative GPA or higher for graduate students.

Note: Call the Department of Aerospace Studies (850) 644-3461 for specific requirements.

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 hours each week. All uniforms and equipment required for cadet activities are furnished.

Physical Training

Each cadet will attend a minimum requirement of two PT activities per week (lasting no more than a total of three hours per week). A Department of Defense Medical Examination Review Board physical or a University sports physical is required prior to participation.
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 $300.00–$500.00. Tuition assistance is possible but not guaranteed. It is awarded on a competitive basis.

AFROTC College Scholarship Programs

Go to http://www.afrotc.com for current information or contact the Department of Aerospace Studies at (850) 644-3461.

Field Training

Cadets not in the four-year program must complete a five-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 credit hours may be given for cadets attending a five-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 Maxwell Air Force Base in Montgomery, AL. 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 non-flyers, 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 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.

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

Special Activities

Special activities provide for the development of teamwork and esprit-de-corps. Included are the Arnold Air Society, a national honorary organization; the FSU/FAMU/TCC/ERAU AFROTC Silver Eagles Drill Team, an armed precision drill unit; and Silver Wings, a community service oriented organization open to all students. Students who desire to fly can participate in a flying program with the Florida Civil Air Patrol.

Awards and Decorations

Awards and decorations, made available by national organizations, Florida State University, and local/national military organizations, are presented to both general military course and professional officer course cadets each year.
Program in
AFRICAN-AMERICAN STUDIES

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Web Page: http://www.coss.fsu.edu/aas/
Director: Dr. Patrick L. Mason

The African-American Studies Program is an interdepartmental and interdisciplinary study of the history, culture, and socio-economic well-being of African-Americans. Knowledge and research methods drawn from several disciplines enable students to enhance their understanding of African-Americans' unique social circumstances and heritage, and acquire a deeper comprehension of the history and culture of the nation as a whole. Located in the College of Social Sciences and Public Policy, the program utilizes faculty from several departments within and beyond the College. African-American Studies offers students the opportunity to understand 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 better in each course. The minor is to be structured as follows:

1. Completion of nine 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)
   - ANT 4352 Peoples and Cultures of Africa (3)
   - ANT 2534 Race: Bio and Culture (3)
   - SOP 3782 Psychology of the African-American (3)

2. At least three hours of African or African-American History

3. At least six hours of African-American Studies Supplementary Courses listed at the last section under requirements for the major

Requirements for a Minor in African-American Studies

The program minor consists of eighteen semester hours with a cumulative grade point average (GPA) of 2.0 in all coursework and a grade of "C-" or better in each course. The minor is to be structured as follows:

1. Completion of nine 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)
   - ANT 4352 Peoples and Cultures of Africa (3)
   - ANT 2534 Race: Bio and Culture (3)
   - SOP 3782 Psychology of the African-American (3)

2. At least three hours of African or African-American History

3. At least six hours of African-American Studies Supplementary Courses listed at the last section under requirements for the major

Requirements for a Major in African-American Studies

The African-American Studies major requires a total of thirty-six semester hours. Courses from the African-American Studies core provide the foundational knowledge and theoretical perspectives for the major. Utilizing the electives, students complete a specialty within a particular area of intellectual interest. Students pursuing the Bachelor of Science (BS) degree may specialize in economics, political science, or sociology. Students pursuing the Bachelor of Arts (BA) degree may specialize in humanities. In each case, the student selects nine hours from African-American Studies core courses, six hours of either African or African-American history, and twenty-one hours of elective courses from a chosen specialty area. Students must have a cumulative grade point average (GPA) of 2.0 in all coursework for the major and a grade of "C-" or better in each course.

Core Course Requirements

Students must complete nine 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)
- SYD 4700 Race and Minority Group Relations (3)
- ANT 4352 Peoples and Cultures of Africa (3)
- ANT 2534 Race: Bio and Culture (3)
- SOP 3782 Psychology of the African-American (3)

History Requirement

Completion of six hours in African and/or African-American history courses selected from the following:

- AFH 1000 African History and Civilization (3)
- 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 4930r Special Topics in History (3) (*with approved topic)

Bachelor of Science (BS) Track Requirements

Completion of an economics, political science, or sociology specialty area as described below.

Economics Specialty

The economics specialty consists of twenty-one hours of coursework from the following set of courses. Students should consult with their academic adviser for necessary prerequisite coursework.

1. Required courses (six hours):
   - ECO 4421 Introduction to Econometrics (3)

2. Additional specialty courses (nine hours):
   - 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)
   - ECS 4013 Economics of Development (3)

3. Supplementary courses (six hours) selected from the approved African-American Studies supplementary course list.

Political Science Specialty

The political science specialty consists of twenty-one hours of coursework from the following set of courses. Students should consult with their academic adviser for necessary prerequisite coursework.

1. Required course (three hours):
   - POS 3713 Understanding Political Science Research (3)

2. Additional specialty courses (twelve hours):
   - CPO 3034 Politics of Developing Areas (3)
   - POS 3142 Urban Politics (3)
   - POS 3931 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)

3. Supplementary courses: (six hours) selected from the approved African-American Studies supplementary course list.
Sociology Specialty

The sociology specialty consists of twenty-one hours of coursework from the following set of courses. Students should consult with their academic adviser for necessary prerequisite coursework.

1. Required courses (six hours):
   - SYA 4010 Sociological Theory (3)
   - SYA 4400 Social Statistics (3) or POS 3713 Understanding Political Science Research (3)

2. Additional specialty courses (nine hours):
   - SYA 4930 Selected Topics in Sociology (3)
   - SYD 4700 Race and Minority Group Relations (3)
   - SYD 4730 African Americans in Modern Society (3)
   - SYO 3530 Social Classes and Inequality (3)
   - SYO 3350 Collective Action and Social Movements (3)

3. Supplementary courses: (six hours) selected from the approved African-American Studies supplementary course list

Bachelor of Arts (BA) Track Requirements

Completion of a foreign language requirement through the intermediate college level in French, Spanish, Portuguese or Arabic for the Bachelor of Arts (BA) degree and completion of requirements for the humanities specialty area:

Humanities Specialty

The humanities specialty consists of twenty-one hours from the following set of courses. Students should consult with their academic adviser for necessary prerequisite coursework.

1. Humanities specialty courses (fifteen hours)
   - AFA 3930r Special Topics in African-American Studies (1-4)
   - AFA 3930r Special Topics in African-American Studies (1-4)
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   - AFA 3930r Special Topics in African-American Studies (1-4)
   - AFA 3930r Special Topics in African-American Studies (1-4)

2. Supplementary courses: (six hours) selected from the approved African-American Studies supplementary course list:

   **African-American Studies Supplementary Course List (six hours)**
   - AFA 3101 Theory and Dynamics of Racism and Oppression (3)
   - AFA 3330 Black Families in America (3)
   - AFA 3930r Special Topics in African-American Studies (1-3)
   - AFA 4905r African American Studies Directed Individual Study (1-4)

   **Anthropology**
   - ANT 4352 Peoples and Culture of Africa (3)

   **Art History**
   - ARH 4118 Archaeology of Ancient Egypt (3)

   **Communications**
   - SPC 4710 Intercultural Communication (3)

   **Criminology**
   - CCJ 4662 Minorities, Crime, and Social Policy (3)
   - CCJ 4938 Special Topics in Criminology (3)

   **Dance**
   - DAN 3185 African American Dance in American Culture (3)

**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)
- ECS 4013 Economics of Development (3)

**English**

- AML 2600 Introduction to African-American Literature (3)
- AML 3682 American Multi-Ethnic Literature (3)
- AML 4604 The African-American Literary Tradition (3)
- LIT 4329 African American Folklore (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 4930r Special Topics in History (3) (*with approved topic)

**Music**

- MUH 4801 History of Jazz I (2)
- MUH 4802 History of Jazz II (2)

**Philosophy**

- PHM 2121 Philosophy of Race, Class and Gender (3)

**Political Science**

- CPO 3034 Politics of Developing Areas (3)
- POS 3142 Urban Politics (3)
- POS 3931 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)

**Psychology**

- SOP 3782 Psychology of the African-American (3)

**Religion**

- REL 3936r Special Topics in Religion (1–3) (*with approved topic)
- REL 4190r Undergraduate Religion and Culture Seminar (3) (*with approved topic)

**Sociology**

- SYD 3600 The Community in Urban Society (3)
- SYD 4700 Race and Minority Group Relations (3)
- SYD 4730 African Americans in US Society (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)

**Urban and Regional Planning**

- URP 4741 Introduction to Issues in Housing and Community Development (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 requirements 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 2000. Introduction to the African-American Experience (3). This course is an interdisciplinary examination of African-American culture and socio-economic status. This course also explores elements of the African Diaspora.

AFA 3101. Theory and Dynamics of Racism and Oppression (3). This course is 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 3930r. Special Topics (1–3). This course varies with instructor and semester. May be repeated to a maximum of nine semester hours.

AFA 4905r. African-American Studies Directed Individual Study (1–4). May be repeated to a maximum of four semester hours. May be repeated within the same semester.

Program in AMERICAN AND FLORIDA STUDIES

COLLEGE OF ARTS AND SCIENCES

Web Page: http://iph.fsu.edu/

Program Director: John Kelsay; Undergraduate Adviser: Kathryn Stoddard

Effective as of December 2009, the Program in Interdisciplinary Humanities is suspending admission into the American and Florida Studies major for all new students. However, current students in the major will be allowed to complete their programs of study as outlined in the catalog of the year of admission. For questions and further advising, please contact Dr. Kathryn Stoddard in the Program in Interdisciplinary Humanities at (850) 640-5892.

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 are 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 (preferred), 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 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 semester hours in American studies courses, including a special topics course, and at least three semester hours in each of the areas of study listed below. No more than twelve 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 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 Bachelor of Arts/Master of Arts (BA/MA) program designed for academically strong students who wish to pursue an accelerated program culminating in a Bachelor of Arts (BA) degree and a Master of Arts (MA) degree. This five-year program allows up to twelve 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 semester hours of coursework...
toward the major with a GPA of 3.5 in that coursework, and completed at least sixty semester hours at Florida State University with a GPA of 3.0. Transfer students must have completed at least two semesters and twenty-four 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 coursework 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 American Mind, 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 1363r. Issues in American Civilization: The University (1–2). (S/U grade only.) This course covers issues in American civilization and places emphasis on the University. May be repeated to a maximum of two semester hours.

AMS 3310r. Changing Concepts of the American Character (3). This course is a study of American culture and values. May be repeated to a maximum of six semester hours. May be repeated within the same semester.

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 semester hours. May be repeated within the same semester.

AMS 3932r. Lecture Series in American Problems (3). This course explores American problems. May be repeated to a maximum of six semester hours. May be repeated within the same semester.

AMS 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated.

AMS 4913r. Honors Work (1–6). May be repeated to a maximum of nine semester hours.

AMS 4935r. Senior Seminar (3). May be repeated to a maximum of twelve semester hours. May be repeated within the same semester.

AMS 4941r. Internship in an Approved American Studies Field (3–9). (S/U grade only.) Prerequisite: Must have completed one full semester of major courses (twelve credit hours or more) before registering for internship. May be repeated to a maximum of nine semester hours.

Graduate Courses

AMS 5809r. Seminar in American Culture (3).

AMS 5815r. Seminar in American Thought (3).

AMS 5909r. 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 coursework for thesis, dissertation, and master’s examination and defense, consult the Graduate Bulletin.

Department of ANTHROPOLOGY

COLLEGE OF ARTS AND SCIENCES

Web Page: http://www.anthro.fsu.edu/

Due to university budget issues, the degree programs in anthropology are currently suspended. Please see the department Web page for information on pertinent changes. The department still offers a full range of undergraduate courses many of which fulfill broader University curriculum requirements. For students who entered the major prior to Fall 2009, please see the appropriate prior year’s bulletins for the Major requirements.

Chair: Doran; Professors: Doran, Falk; Associate Professors: Marrinan, Peters, Schepartz; Professors Emeriti: Grindal, Ho, Paredes, Pohl; Courtesy Professor: Pulen; Adjunct Professors: Kowal, Thomas

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 sub-disciplines. 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 courses provide a rigorous course of study intended to prepare students for graduate study in any one of the subfields of anthropology. The courses also provide a science-based liberal arts education to students wishing to pursue other professional degrees such as law or medicine (with additional coursework) and to those students who may not wish to pursue graduate studies. Students with a heavy anthropology background 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 further information on the program, its offerings, and updated status on the degree suspension 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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual/ for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ANT XXXX: two introductory anthropology courses (ANT prefix) for six credit hours

Requirements for a Major in Anthropology

Please refer to the General Bulletin edition from the year in which you entered the major for specific requirements for your major.
Requirements for a Minor in Anthropology

Twelve 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 co-taught as a hands-on laboratory in archaeological methodology. Each week, students have a series of laboratory exercises 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 naval archaeology through the excavation and exploration of ships and boats from 5000 years ago in ancient Egypt to the U.S.S. Yorktown of WW II. From Titanic to treasure ships, this global survey explores economics, technology, and society.

ANT 2301. World Prehistory (3). This course is an examination of human sexuality from an evolutionary perspective. Some of the topics covered include sexual selection, mating systems, mate preferences, and sexual orientation.

ANT 2410. Introduction to Cultural Anthropology (3). This course introduces 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 also given to contemporary world problems.

ANT 2418. 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 gain an appreciation of the nature of childhood and the pivotal role this stage plays in maintaining cultural continuity and influencing cultural evolution.

ANT 2460. The Anthropology of Food (3). This course examines the ways in which anthropologists have been thinking and writing about food. Archaeological dietary records for early humans and for other early primates are explored to highlight human dietary adaptations and to investigate how dietary changes have contributed to cultural and biological evolution.

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 principles into cultures in which other logics regulate economic exchange. The course covers ideas about the nature of childhood and the pivotal role this stage plays in maintaining cultural continuity and influencing cultural evolution.

ANT 2511. Introduction to Physical Anthropology and Prehistory (3). This course introduces theory and principles of genetically based evolution. It reviews fossil evidence for human evolution, competing ideas about the specific pathways to modern humans. It emphasizes the genetic unity of humankind and the universal features that underlie human evolution and competing ideas about the specific pathways to modern humans. It emphasizes the genetic unity of humankind and the universal features that underlie human evolution and competing ideas about the specific pathways to modern humans. It emphasizes the genetic unity of humankind and the universal features that underlie human evolution and competing ideas about the specific pathways to modern humans. It emphasizes the genetic unity of humankind and the universal features that underlie human evolution and competing ideas about the specific pathways to modern humans. It emphasizes the genetic unity of humankind and the universal features that underlie human evolution and competing ideas about the specific pathways to modern humans.

ANT 2511L. Introduction to Physical Anthropology and Prehistory Laboratory (1). Corequisite: ANT 2511. This laboratory provides students an opportunity to observe, handle, and measure archaeological artifacts, skeletal material, and copies of important fossil hominids. Weekly exercises strengthen students’ understanding of the scientific procedures used to interpret the nature and causes of human evolution.

ANT 2534. Race: Biology & Culture (3). This course examines the concept of race from the perspective of biological and cultural anthropology, beginning with the study of modern human biological variation and its clinical distribution. This biological pattern is then contrasted with the social categories of race. The final section of the course is an examination of the ways humans culturally construct divisions in different societies, and the continuing effects of racial concepts on science and on modern cultures.

ANT 3101. Fundamentals of Archaeology (3). Prerequisite: ANT 2100. This course provides an overview of objectives, field strategies, basics of laboratory analysis, interpretative approaches to the record, and what the threats to archaeological/cultural resources are. This includes a brief overview of the history of archaeology and the changes in strategies used to examine the prehistoric and historic archaeological records. An emphasis is placed upon developing an understanding of the fundamental objectives and methodologies used in modern anthropological archaeology.

ANT 3141. World Prehistory (3). This course outlines the major events in human cultural and social evolution and includes a brief presentation of general archaeological methods and objectives. The course focuses on the evolution of civilizations in the Middle East, Europe, China, Africa, and the Americas.

ANT 3212. Peoples of the World (3). This course is a survey of the world’s cultures by major geographic regions. The purpose is to familiarize the student with the range and diversity of social conditions that exist in the world today. Specific attention is given to a respect and admiration for humankind. Lectures, readings, and visual materials are utilized.

ANT 3520. Introduction to Forensic Anthropology (3). Prerequisite: ANT 2511. This course is an introduction to forensic anthropology as a scientific discipline within the field of anthropology, examining what happens to a body immediately after death, the processes of decomposition, and taphonomic changes. The course also involves a requirement of a forensic investigation of such a body from search to documentation, collection, processing, and lab analysis.

ANT 3610. Language and Culture (3). This course is an introduction to and examination of human language, its relation to perception and cognition, and its role in social interaction. This includes verbal as well as nonverbal communication, language and communication, the evolution of language, and language change.

ANT 3520. History of Anthropology (3). Prerequisites: ANT 2100, 2410 and 2511. This course is a survey 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, and the presentation is chronological, and the emphasis is to evaluate the scope and limitations of modern theories.

ANT 4122. Wetlands Archaeology (3). Prerequisite: ANT 2100. This course provides an introduction to wet site archaeology, incorporating an overview of wet sites, their geographic distribution, methods of excavation, conservation requirements, and the field’s contribution to our understanding of the past.

ANT 4133. Introduction to Underwater Archaeology (3). Prerequisite: ANT 2100. This course is a survey of the history, theory, methods, and problems of underwater archaeology, with attention given to the types of investigations and environments in which underwater archaeology is conducted and to the field’s particular contributions to archaeology.

ANT 4134. Nautical Archaeology of the Americas (3). Prerequisite: ANT 2100. This course studies 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). Prerequisite: ANT 2100. This course studies human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft from Asia, Australia, the Mediterranean, and Europe.

ANT 4142. European Prehistory (3). Prerequisite: ANT 2100. 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 Aegean Bronze Age.

ANT 4145. Origins of Complex Society (3). Prerequisite: ANT 2100. This course examines the evolution of ancient complex societies and theories of state origins using a comparative method involving ecological, economic, and social approaches to investigate the origins, collapse, and sustainability of complex societies.

ANT 4153. North American Archaeology (3). Prerequisite: ANT 2100. 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). Prerequisite: ANT 2100. This course investigates the development of high civilization in ancient Mesoamerica. Evidence is drawn from archaeology, art, architecture, ethnohistory, and ethnography.

ANT 4166r. Regional Civilizations in Ancient Mesoamerica (3). Prerequisite: ANT 2100 and ANT 4163. This course focuses on a regional civilization of ancient Mesoamerica (such as Maya, Olmec, or Mixtec) with each topic. Aspects of prehistoric society covered include: subsistence systems, trade, social and political organizations, ideology, calendrics and astronomy, language and writing, artifacts, architecture, sculpture, and painting. Format is seminar with presentations, research reports, and discussion. May be repeated to a maximum of nine semester hours.

ANT 4175. Archaeology of the Islamic World (3). Prerequisite: ANT 2100. 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 4185. Paleonutrition (3). Prerequisite: ANT 2100. This course introduces the origins, collapse, and sustainability of complex societies.

ANT 4277. Human Conflict: Theory and Resolution (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 Aegean Bronze Age.

ANT 4277. Symbol and Ritual (3). Prerequisite: ANT 2410. This course is an introduction to symbolic approaches in anthropology and the study of ritual. It critically analyzes conceptual mechanisms that anthropologists use in analyzing symbolic activity. Material comes from various parts of the world.

ANT 4277. Human Conflict: Theory and Resolution (3). This course provides an introduction to the nature of and theories concerning human conflict from the interdisciplinary perspectives of biological and cultural anthropology, political economy, and the history of warfare. Particular emphasis is placed upon cross-cultural applications.
ANT 4302. Sex Roles in Cross-Cultural Perspective (3). Prerequisite: ANT 2410. This course explores 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). This course provides an overview of Mexico and Central America and the multiplicity of cultural and linguistic groups within the developing modern nations from an anthropological viewpoint. It discusses cultural values and the problems of reconciling modern society with traditional peasant and indigenous ethnic groups, as well as institutions such as kinship and the family, technology, work, and ecological adaptations; social organization, political integration, religion, and ceremonial life.

ANT 4337. Peoples and Cultures of Amazonia (3). This course explores problems of similarity, difference, diversity, and nature/culture 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 ecosystems, and social organization.

ANT 4352. Peoples and Cultures of Africa (3). This course is a survey of African peoples and cultures, emphasizing the sub-Saharan region. Topics studied include geography, prehistory, history, religion, political economy, kinship, gender, and marriage as well as contemporary issues in the anthropology of Africa.

ANT 4363. Japanese Society and Culture (3). This course is intended to be an anthropological introduction to Japan. It aims to clarify the origins of Japanese culture and people, to interpret its cultural history from the earliest times to the present, and to account for the relationship among the components of culture such as ideology, social structure, personality formation, and economic development.

ANT 4422. Kinship and Social Organization (3). This course surveys anthropological thought and practice (theory and methods) with respect to kinship and related forms of social organization, including the classification and analysis of kinship systems and associated terminology, patterns of marriage and residence, descent theory and alliance theory, and the role of kinship in different social systems.

ANT 4462. Introduction to Medical Anthropology (3). This course is an investigation of different medical systems and their practitioners, the ecology of health, illness, human adaptation, nutrition, and the life cycle.

ANT 4525. Human Osteology (3). Prerequisite: ANT 2511 or instructor permission. This course is designed to acquaint the student with each of the bones of the normal adult human skeleton. It is particularly appropriate for those students interested in archaeology and physical anthropology. Each bone is examined, followed by a review of abnormal variations. The uses of anthropometric instruments are demonstrated as are the methods of estimating age, sex, and racial origin.

ANT 4533. The Anthropology of Infancy (3). Prerequisite: ANT 2511 or instructor permission. This course provides an overview of the early phase of the life cycle. It uses data and theory from biological anthropology, primate ethology, evolutionary psychology, and sociocultural anthropology to provide a nontraditional perspective on human development and its interface with the caretaking behavior of adults.

ANT 4552. Primate Behavior (3). Prerequisite: ANT 2511 or instructor permission. This course introduces the substantial scholarly literature on the behavior and ecology of free-ranging primates, monkeys, and apes. Anthropological applications of recent findings are emphasized.

ANT 4553. The Great Apes (3). Prerequisite: ANT 2511 or instructor permission. This course focuses on the behavior and ecology of the large-bodied, non-human hominoids: chimpanzees, gorillas, and orangutans. It also introduces complexities involved in using this evidence to draw conclusions about human evolution.

ANT 4586. Human Evolution (3). Prerequisite: ANT 2511 or instructor permission. This course emphasizes a close examination of the fossil record for human evolution. It builds on basic principles and ideas presented in ANT 2511.

ANT 4611. Linguistic Prehistory (3). This course introduces underlying concepts and methodology of cross-disciplinary studies that use linguistic data in the investigation of prehistory. Selected case studies convey some of the results of such research. The development of language families is seen as the result of social processes, which may also be reflected in the archaeological record leading to the possibility of discovering and interpreting correlations between these two (and other) lines of evidence.

ANT 4640. Sociolinguisitics (3). Prerequisite: ANT 3610. 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, bilingualism, 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, recording and controls, sampling strategy, mapping, survey, labor analysis, quantification, and report preparation. This is an intern-type course, sometimes requiring the student to live off-campus.

ANT 4907r. Directed Independent Study (1–3). May be repeated to a maximum of twelve semester hours.

ANT 4914r. Honors Work (1–3). May be repeated to a maximum of nine semester hours.

ANT 4930r. Special Topics in Anthropology (1–3). This course deals with specialized subjects and topics in anthropology. Topics may vary. May be repeated to a maximum of nine semester hours when topics vary. May be repeated within the same semester.
Undergraduate Programs

Admission and Readmission

Students desiring to enter the department should visit the department’s Web site at http://art.fsu.edu/pages/programs/undergraduate/ for specific details regarding major requirements.

Academic Performance and Retention

The Department of Art reserves the right to discontinue enrollment of art major students at any time if satisfactory academic progress is not being made. Students who have accumulated three unsatisfactory grades (U, F, D−, D, D+) in art courses taken for college credit at Florida State University or elsewhere will not be permitted to continue, be readmitted, or graduate with a major in studio art. Courses in which a grade below the minimum is received may only be repeated once. Repeated courses designated as non-repeatable (such as foundations courses) will not be counted toward overall credit hours per University requirements. BA students must maintain a minimum GPA per University requirements. BFA students must maintain a minimum cumulative GPA of 2.5 and a GPA of 3.0 in studio art classes. If a BA/BFA student’s GPA falls below the minimum, s/he is placed on probation for the following semester. If the student’s grade or GPA remains below the minimum standards by the end of the probationary semester, s/he is dismissed from the Department of Art. The Department of Art retains the right to refuse admission or terminate enrollment at any time if a student fails to maintain the standards of the program.

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 by the end of the freshman year. Entering students should contact the department for specific details regarding foundations requirements or visit the department’s Web site at http://art.fsu.edu/pages/programs/undergraduate/.

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 a development of compelling composition and constructions. The curriculum provides the basis on which the BA and BFA programs are built in the Department of Art.

Note: Students are required to ensure their adherence to the state of Florida’s Common Program Prerequisites as listed above.

Required Foundations Courses

(Foundation for all art majors)

The following list of classes must be taken to complete the required foundations program:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ART 1000</td>
<td>Success Strategies (1)</td>
</tr>
<tr>
<td>ART 1201C</td>
<td>Two-Dimensional Foundations (3)</td>
</tr>
<tr>
<td>ART 1203C</td>
<td>Three-Dimensional Foundations (3)</td>
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<tr>
<td>ART 1300C</td>
<td>Drawing Foundations (3)</td>
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<tr>
<td>ART 1602C</td>
<td>Digital Imaging Foundations (3)</td>
</tr>
<tr>
<td>ART 2204C</td>
<td>Contemporary Art and Design Foundations (3)</td>
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</tbody>
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The Bachelor of Arts (BA) in Studio Art

The Bachelor of Arts (BA) in studio art is a fundamental liberal arts program totaling one hundred twenty semester hours. Requirements include: liberal studies, thirty-six semester hours; completion of the foundations program, sixteen semester hours; art history; nine semester hours; additional studio, twenty-one semester hours; the successful completion of a foreign language course through the intermediate level; and nine semester hours of additional humanities. Within the twenty-one semester hour studio requirement, the BA student is required to complete one focus area. For specific details, including all focus area templates, please visit http://art.fsu.edu/undergraduate/BA.
Bachelor of Fine Arts (BFA) Admission Application

Upon completion of the sixteen semester hours in the foundations program, application for the Bachelor of Fine Arts (BFA) is by portfolio review by the faculty. Admission to the program is highly selective. Students are required to have a “C-” or above in all foundation requirements. The admission process includes a review of the student’s portfolio by faculty members who may recommend that the work be submitted to the entire faculty for consideration. Students are advised to apply to the BFA program after completing sixteen hours in the foundations program and prior to completing ninety credit hours.

The Bachelor of Fine Arts (BFA) in Studio Art

The Bachelor of Fine Arts (BFA) in studio art is a limited access, one hundred twenty 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 students an informed personal vision, a high level of competence in technique, and the ability to make sound artistic decisions. It is a proficiency-based program characterized by continuous assessment. Upon completion of the sixteen semester hours in the foundations program, application for the BFA degree is by faculty portfolio. The process includes an individual review of the student’s portfolio by faculty members who may recommend that the work be submitted to the entire faculty for consideration.

In addition to the thirty-six semester hours of liberal studies, coursework includes sixteen semester hours of foundations, fifty-one semester hours of studio art courses, and twelve 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. Within the fifty-one semester hour studio requirement, the BFA student is required to complete one focus area and a second focus area is recommended. The BFA student must also complete the Thesis Project and Exhibition Practicum in the final semester. Students admitted to the BFA program are exempt from the language requirement and they must maintain a minimum cumulative GPA of 2.5 and a GPA of 3.0 in art classes. They are required to fulfill the additional requirements and responsibilities of this program including attending and satisfactorily performing in all BFA reviews, culminating in the advancement review and graduation exhibition. The BFA adviser can provide additional guidance regarding entrance and specific degree requirements. For specific details, including all focus templates, please visit http://art.fsu.edu/undergraduate/BFA-in-studio-art.

Accepted students will have the opportunity to request personal studio space in the BFA Warehouse, where they can work and exhibit in a public gallery space.

The Bachelor of Fine Arts (BFA) in Graphic Design

Note: This program is being suspended. Students who have been fully admitted to the major by Spring 2012 and are able to complete the program by Spring 2014 will be able to continue. Others must select a different major and should see the department adviser.

The Bachelor of Fine Arts (BFA) in design is a limited access, one hundred-twenty semester-hour program. It differs from the Bachelor of Arts (BA in Studio Art) in that it provides the student with an intensive background in professional skills and theoretical knowledge. BFA students will develop a personal vision, a high level of competence in technique, and harness the ability to make sound design/artistic decisions. The BFA in Design is a proficiency-based program, characterized by continuous assessment through course evaluations. The program is only available to FSU art students.

Upon completion of the sixteen semester hours in the foundations program, three semester hours of GRA 2190C and three semester hours of DIG 3025, application for the BFA degree is by faculty portfolio review. The process includes a review of the student’s portfolio by faculty members. Accepted students are notified by the end of the semester in which they applied and their major is changed to BFA in Design.

In addition to the thirty-six semester hours of liberal studies, coursework includes sixteen semester hours of foundation; fifty-one semester hours in design and related studio art courses; and twelve semester hours in art history of which six semester hours are specific to students interested in Design. Students admitted to the BFA program are exempt from the language requirement, and they must maintain a minimum cumulative GPA of 2.5 and a GPA of 3.0 in studio art and design classes. They are required to fulfill the requirements and responsibilities of this program including completing two focus areas and completing the BFA Seminar or Thesis Project/Exhibition Practicum course in the semester in which they are graduating. The BFA adviser can provide additional guidance regarding specific degree requirements. For specific details please visit http://art.fsu.edu/undergraduate/BFA-in-design.

Accepted students will have the opportunity to request personal studio space in the BFA Warehouse, where they can work and exhibit in a public gallery space.

Graduate Program

The Master of Fine Arts (MFA)

The Master of Fine Arts (MFA) in studio art is a residency program with a minimum requirement of sixty 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 semester hours in studio art, eleven semester hours of electives within or outside the department, a minimum of three courses (nine semester hours) in art history at the graduate level, and a minimum of eight semester hours toward preparation of the graduate exhibition and thesis.

For information regarding the MFA degree, please contact the Department of Art academic adviser 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

ARE—Art Education
ARH—Art History
ART—Art
DIG—Digital Media
GRA—Graphic Arts
PGY—Photography

Undergraduate Courses

Correlating Courses

ARH 2630C. Survey in African-American Art (3). This course surveys special topics in African-American art and aesthetics. Students explore power dynamics, social protest, artistic accommodation, criticism, perception, content, and motivation as historical and contemporary influences on and in African-American art.

PGY 2100C. Photography for Non-Art Majors (3). This course is 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 1000. Success Strategies in Art and Design (1). (S/U grade only.) This course provides orientation designed to increase first-year student success, introduce departmental concentrations, and explore career possibilities.

ART 1201C. Two-Dimensional Foundations (3). This course provides experience in conceptualizing, creating, and critiquing two-dimensional compositions using the elements and principles of design.

ART 1203. Three-Dimensional Foundations (3). This course provides experience in designing and constructing expressive three-dimensional forms using a variety of materials and methods.

ART 1300C. Drawing Foundations (3). This course includes creative expression and communication using a variety of black and white media.

ART 1602C. Digital Foundations (3). This course offers an introduction to the theory and practice of digital imaging and the basics of time-based art and design.

ART 2003C. Survey of Studio Art Practices (3). This course includes demonstration, discussions, and slide/film presentations that explore the way artists work in a broad range of media. Emphasis on visual perception and basic art making. Offered to non-art majors.

ART 2204C. Contemporary Art and Design Foundations (3). This course is an investigation of the creative processes and critical thinking that propel contemporary art and design.

ART 2205C. Color Theory Foundations (3). This course offers experiments in color perception and in the uses of color in visual communication and expression.

ART 2301C. Drawing II (3). Prerequisites: ART 1300C and ART 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). This course explores the anatomical and conceptual complexities of the human form.

ART 2400C. Fundamentals of Printmaking: Relief (3). Prerequisites: ART 1201C and ART 1300C. This course is an introduction to relief printing in wood block, linoleum block, and collograph.
ART 2430C. Fundamentals of Printmaking: Silkscreen (3). Prerequisites: ART 1201C and ART 1300C. This course is an introduction to the basic techniques of silkscreen using non-toxic materials. Projects will be developed with a maximum of six semester hours.

ART 2441C. Fundamentals of Printmaking: Etching (3). Prerequisites: ART 1201C and ART 1300C. This course is an introduction to intaglio printing with line etch, aquatint, and softground using non-toxic processes.

ART 2500C. Beginning Painting (3). Prerequisites: ART 1201C and ART 1300C. This course is an introduction to personal expression in painting medium; emphasizes color, composition, and painting techniques through historical examples and technical demonstrations.

ART 2600. Introduction to Digital Imaging (3). Prerequisites: ART 1201C and ART 1300C. Corequisite: GRA 2190C. This course includes beginning training in digital arts and graphic design.

ART 2607. Digital Color Theory and Management (3). Prerequisite: ART 1602C. This course included digital-color exploration in color perception combined with uses of color in visual communication and expression.

ART 2701C. Sculpture I (3). Prerequisites: ART 1201C, ART 1203, and ART 1300C. This course is an introduction to basic sculptural processes of fabrication, carving, modeling, and casting. Emphasis on developing ideas through analytical responses to assignment.

ART 2752Cr. Wheel Throwing (3). This course is the first 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 semester hours, with requirements increasing in difficulty each time.

ART 2893r. Contemporary Art Seminar (1). (S/U grade only.) This course, conducted by studio faculty, is a lecture and discussion course. It provides students with insight into the current work by resident faculty and visiting artists. May be repeated to a maximum of three semester hours.

ART 3333C. Figure Drawing II (3). Prerequisites: ART 1300C and ART 2330C. This course explores the anatomical, conceptual, and expressive complexities of the human form.

ART 3380C. Experimental Drawing (3). Prerequisites: ART 1300C, ART 2301C and ART 2330C. This course explores a variety of approaches to drawing using a wide range of media, materials, and strategies.

ART 3420C. Fundamentals of Printmaking: Lithography (3). Prerequisites: ART 1201C, ART 1203, and ART 1300C. This course is an introduction to the basic lithographic techniques of graining, drawing, etching, and printing.

ART 3522. Intermediate Painting (3). Prerequisite: ART 2500C. This intensive studio course offers painting as a means of investigating content and concepts. The emphasis is on developing ideas while refining techniques of handling paint.

ART 3542C. Aqueous Painting (3). Prerequisites: ART 2500C. This course is an investigation of acrylic, watercolor, gouache, and flash processes and techniques. A very intensive study that requires exploration of watercolor to its fullest potential.

ART 3560r. Figure Painting (3-9). Prerequisites: ART 2500C and ART 2330. This course uses the nude figure as the focus of study. The emphasis shifts towards the development of more personal expressions and personal development in terms of painting style and technique. May be repeated to a maximum of twelve semester hours.

ART 3561. Experimental Painting (3). Prerequisites: ART 2500C and ART 3594. This course is an investigation of non-traditional painting materials and approaches in the context of "hybridization." Over the course of the semester, several topics in the use of new technologies of production are covered.

ART 3590r. Painting Materials and Techniques (3-6). Prerequisites: ART 2500C and ART 3522. This course explores the basic principles of the layered painting techniques that developed and flourished in the 15th through the 20th centuries and examines how varying approaches to illusion, form, color, and content are intrinsic to the expressive aims of painting. May be repeated to a maximum of six semester hours.

ART 3594r. Contemporary Media Approaches (3-6). Prerequisites: ART 2500C and ART 3522. This course explores very broad classes of materials that includes but is not limited to acrylic, watercolor, gouache, and flash as well as a range of alternative substrates and tools, both digital and found. May be repeated to a maximum of six semester hours.

ART 3710C. Sculpture II (3). Prerequisite: ART 2701C. This course allows continued experience in more complex three-dimensional techniques; emphasizes individual projects and conceptual approaches to sculpture. Emphasis is on the development of a high degree of technical proficiency and a keen sense of form in ceramic mediums.

ART 3830r. Special Topics in Art (1–3). (S/U grade only.) This course covers faculty developed topics of importance to students' interests and needs. May be repeated to a maximum of three semester hours.

ART 4312C. Drawing III (3). Prerequisite: ART 3333C. This course focuses on creative expression and communication through a variety of drawing tools, media, and processes.

ART 4334C. Figure Drawing III (3). Prerequisite: ART 3333C. This course offers extensive development of figurative imagery, concepts, and presentation strategies in support of professional aesthetic and technical abilities.

ART 4382C. Advanced Experimental Drawing (3). Prerequisite: ART 3380C. This course offers an advanced exploration of drawing as research, concept, communication, and collaboration.

ART 4520r. Advanced Painting (3-9). Prerequisites: ART 2500C and ART 3522. This course provides an advanced undergraduate studio experience, where students direct their studies through personal projects. This course is designed for students in the BFA program who have a concentration in 2-D art. Each student is provided with opportunities to expand their understanding, production, and quality of their work through critique, group discussion, lectures, and presentations. May be repeated to a maximum of nine semester hours.

ART 4919r. Criticism Seminar (3). Prerequisites: ART 1300, galleries, and markets. Students develop portfolio/resume, critical attitude, and skills necessary for present work.

ART 4905r. Directed Individual Study (3-9). May be repeated to a maximum of nine semester hours.

ART 4943r. Internship in Creative Art (1–12). (S/U grade only.) Prerequisites: Sixteen credits completed in Foundations and "B" average in all related courses. This course facilitates internships in a variety of work situations. Must be approved by department chair. Preference given to seniors. May be repeated to a maximum of twelve semester hours.

ART 4981r. Honors Work (3). May be repeated to a maximum of twelve semester hours.

DIG 3025. Design History and Theory (3). Corequisites: ART 1201C, ART 1203, ART 1300C and ART 2003C or ART 2204C. This course examines the historical development of design styles and techniques and their influences on contemporary culture.

GRA 2190C. Graphic Design I/Introduction (3). Prerequisites: ART 1201C, ART 1300C, and ART 1602C. This course is a continuation of the basic concepts introduced in foun- dations. Exploratory design problems include iconography, signs and symbols, and two- dimensional and three-dimensional compositions. These problems extend the methodol- ogy and conceptualizing/problem-solving skills of design.

GRA 3112C. Graphic Design II/Typography (3). Prerequisites: GRA 2190C and DIG 3025. 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 communica- tion level as a message carrier.

GRA 3133C. Graphic Design III/Production (3). Prerequisites: GRA 2190C and DIG 3025. This course explores the design process by solving specific design problems on paper and via video and sound, going from conceptualization to refinement and final implementation.

PGY 2410C. Photography I (3). Prerequisites: ART 1201C, ART 1203, ART 1300C, and ART 1602C. This course offers a study of photography as a creative means of expres- sion. Topics include 35mm technology and fine black-and-white printmaking.

PGY 2941C. Digital and Photographic Imaging (3). Prerequisites: ART 1201C, ART 1203, ART 1602C, and PGY 2410C. This course introduces students to len- formed image production through both liquid (traditional darkroom) and dry processes (digital). It includes image analysis within both critical and historical frameworks.

PGY 3410C. Photography II (3). Prerequisite: PGY 2410C. This course explores photo- graphy 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 4921Cr. Media Workshop: Painting (3). Prerequisite: ART 2501C. This course consists of independent studies under painting instructors; emphasis on competence in medium and development of individual solutions to problems. May be repeated to a maximum of twelve semester hours.

ART 4922Cr. Media Workshop: Sculpture (3). Prerequisites: ART 2701C and instructor permission. This course involves intensive studies in sculpture. May be repeated to a maximum of twelve semester hours.

ART 4923Cr. Media Workshop: Printmaking (3). Prerequisites: Appropriate courses in one specific medium under the appropriate instructor. Workshops serve as an extension of intermediate courses in corresponding media.

ART 4924Cr. Media Workshop: Photography (3). Prerequisites: PGY 2410C and PGY 3410C. This course covers various areas of photographic study, including nonsilver and digital imaging techniques such as darkroom printing, lightjet printing, and contemporary approaches to image making. May be repeated to a maximum of twelve semester hours.

ART 4925Cr. Media Workshop: Graphic Design (3). Prerequisites: ART 1000, ART 1201C, ART 1203, ART 1300C, ART 1602C, ART 2003C, DIG 3025, GRA 2190C, and GRA 3112C. This course is an intensive study in intermediate graphic design. Course topics may include such issues as word and image, typography, or image and production techniques. May be repeated to a maximum of twelve semester hours.

ART 4926Cr. Media Workshop: Electronic Imaging (3). Corequisite: GRA 2190C. This course covers electronic imaging, video, computer graphics, animation. May be repeated to a maximum of twelve semester hours.

**Advanced Workshops**

**Note:** The advanced workshops continue the intensive level of study of the media workshops while providing students with more flexibility. Under this workshop system, a student may work with any instructor, regardless of media affiliation, in any area of study. Instructors are designated by section number.

Each course may be repeated to a maximum of twenty-seven semester hours. Prerequisites for all advanced workshops include the following foundation...
courses: ART 1000, ART 1201C, ART 1203, ART 1300C, ART 1602C, and ART 2003C or ART 2204C. Students should have completed one or more area-specific intermediate level class prior to taking advanced workshops in that area.

ART 4928Cr. Advanced Workshop (3). This tutorial course is available only to BFA and BA students. May be repeated to a maximum of twenty-seven semester hours.

ART 4928Cr. Advanced Workshop: Animation (3).
ART 4928Cr. Advanced Workshop: BFA All Media (3).
ART 4928Cr. Advanced Workshop: Ceramics (3).
ART 4928Cr. Advanced Workshop: Painting (3).
ART 4928Cr. Advanced Workshop: Photography (3).
ART 4928Cr. Advanced Workshop: Printmaking (3).
ART 4928Cr. Advanced Workshop: Print Design (3).
ART 4928Cr. Advanced Workshop: Sculpture (3).
ART 4928Cr. Advanced Workshop: Web Design (3).

ART 4929Cr. Advanced Workshop (3). This tutorial course is available only to BFA and BA students. May be repeated to a maximum of twenty-seven semester hours.

ART 4929Cr. Advanced Workshop: 3-D Animation (3).
ART 4929Cr. Advanced Workshop: Animation (3).
ART 4929Cr. Advanced Workshop: Ceramics (3).
ART 4929Cr. Advanced Workshop: Digital Cinema (3).
ART 4929Cr. Advanced Workshop: Painting (3).
ART 4929Cr. Advanced Workshop: Photography (3).
ART 4929Cr. Advanced Workshop: Printmaking (3).
ART 4929Cr. Advanced Workshop: Print Design (3).
ART 4929Cr. Advanced Workshop: Sculpture (3).
ART 4929Cr. Advanced Workshop: Web Design (3).

ART 4930Cr. Advanced Workshop (3). This course explores critical issues in contemporary art. Course varies each semester to cover topics of critical significance in twentieth-century contemporary art. This is a seminar course open only to BFA students. May be repeated for a maximum of twenty-seven semester hours.

ART 4931r. Instruction in Advanced Technical Problems (3–6). May be repeated to a maximum of six 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 BFA program and the chair of the department. Students who wish to take art related courses that significantly contribute to their media focus should contact the department regarding requirements. Requirements are currently being reviewed.

Graduate Courses

ARE 5387. Teaching College Art (3).
ART 5898. Art, Technology, and Critical Theory (3).

Graduate Workshops

ART 5410. Graduate Printmaking (3).
ART 5790. Graduate Ceramics (3).
ART 5818r. Graduate Painting and Drawing (3-18).
ART 5927Cr. Graduate Workshop (1–4).
ART 5928Cr. Graduate Workshop (1–6).
ART 5929Cr. Graduate Workshop (4).
ART 5940r. Supervised Teaching (1–3). (S/U grade only.)
ART 5955. Digital Portfolio (3).
ART 5972r. Graduate Show and Thesis (1–8). (S/U grade only).
PGY 5930. Graduate Photography (3).

2012-13 General Bulletin Undergraduate Edition Florida State University

Department of
ART EDUCATION

COLLEGE OF VISUAL ARTS, THEATRE, AND DANCE
Web Page: http://arted.fsu.edu/
Chair: David E. Gussak; Professors: Anderson, McRorie, Rosal, Villeneuve;
Associate Professor: Gussak; Assistant Professors: Broome, Cuyas, Suominen Guyas

Note: As of Spring 2011, the undergraduate Art Education degree has been suspended. The department is still in the process of deleting the undergraduate courses. Consequently, there will be no new students accepted into this degree program. However, the department is currently in the process of developing and initiating the five-year BA in Art/MS in Art Education combined degree program to prepare students for a career as an art teacher. This program will enable undergraduate students who receive a bachelor’s degree, with one additional year of coursework from the department of art education, to fulfill teacher certification requirements. Please contact the department of art education for the status and the requirements for this program.

The primary mission of the undergraduate program is to prepare certified art teachers for public and private school service. A pre-art therapy option is offered in conjunction with certification. Students have the opportunity to participate in the University’s Florence, London, or other international programs as part of their course of studies prior to their junior year. Extensive in-school observation and participation are required.

The Department of Art Education’s paradigm program is art for life. The department focuses on authentic, socially centralized teacher preparation, emphasizing studio art, critical inquiry into art and visual culture, appropriate technologies, and creative activity. Our goal is to prepare candidates who are well prepared for their roles as art educators in real-world communities.

This program begins in the Fall semester. Art education courses are offered once per year and are sequenced over a two-year period. Students are required to maintain a portfolio of teaching materials as designated in their coursework and are expected to participate with the Art Education Undergraduate Adviser in a review each semester and a 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.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual/ for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. EDF X005
2. EDG X085

Note: In addition to EDG X085, a minimum of six credit hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

3. EME X040
4. ART X300
5. ART X201 (Design I, 2D)
6. ART X301 or ART X330 (Figure drawing) or ART X205 (Color, color composition) or ART X310 (Intermediate drawing) or ART X305 (Observational drawing, perceptual drawing)
7. ART X202 or ART X203 (Design II, 3D)
8. ARE X050
9. ARE X051

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 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 General Knowledge section of the FTCE 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 coursework must also be completed prior to student teaching.

The core program in teacher certification includes coursework in: theory and practice I and II, aesthetics of art and visual culture, human development and learning in art, art with special populations, student teaching portfolio, 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 following an advisement appointment Spring semester of the sophomore 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 coursework beyond that described above. The required semester hours may be chosen from courses determined in consultation with an advisor.

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 centers, or other arts agencies. The Community Service Track requires 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 applications of the arts to community development. This is inclusive of groups and families and addresses all stages of human development. Particular attention will be given to prevention, enrichment, and response to social concerns.

Program requirements are based on the integration of the theoretical and practical aspects of dance, art education/therapy, and community-based generalist/social work. Requirements include coursework in art education/therapy, dance, and social work totaling at least twelve semester hours with at least three 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). This course is a 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 and ARE 4144. Corequisite: ARE 4550C. This course develops an understanding of the concepts needed for teaching studio, art history, art criticism, and aesthetics, and develops the skills for creating 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. This course builds on the 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). This course explores 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 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine semester hours.

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

ARE 4931. Computer Graphic Design in Education and Art (3). This course is an introduction to computer functions. Emphasis is 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.) This course facilitates clinical experience teaching art in a public school assignment.

ARE 4950r. Portfolio in Art Education (3). Prerequisites: ARE 4042, ARE 4043, and ARE 4550C. Corequisite: ARE 4940. This course, taken in conjunction with student teaching, documents student progress in mastering the 12 Accomplished Practices by preparing professional portfolios for both the elementary and secondary art teaching levels.

Graduate Courses

ARE 5046. Art Education Theory and Practice I (3).
ARE 5047. Art Education Theory and Practice II (6).
ARE 5145. Human Development and Learning in Art (3).
ARE 5245. Curriculum and Programs (3).
ARE 5246. Contemporary and Historical Issues in Art Education (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 5358. Art for Life (3).
ARE 5382. Introduction to Counseling for Art Therapists (3).
ARE 5460. Therapeutic Use of Art Materials (3).
ARE 5551. Art Therapy and Group Counseling (3).
ARE 5552. Assessment for the Practice of Art Therapy (3).
ARE 5555. Advanced Art Therapy (3).
ARE 5556. Using Personal Symbols in Therapy (3).
ARE 5557. Interpretation of Symbols in Art Therapy (3).
ARE 5640. Ethics and Professional Issues (3).
ARE 5641. Critical Analysis (3).
ARE 5649. Theories of Art Therapy (3).
ARE 5665. Managing the Arts Organization (3).
ARE 5745. Research Survey (3).
ARE 5865. Arts Administration in the Public Sector (3).
ARE 5906r. Directed Individual Study (1–3).
ARE 5910r. Supervised Research (1–5). (S/U grade only.)
ARE 5930r. Special Topics in Art Education (1–3).
ARE 5934r. Special Topics: Art Therapy Issues (1–3).
ARE 5935r. Seminar: Current and Comparative Studies in Art Education (3).
ARE 5940. Supervised Teaching (9). (S/U grade only.)
**ART HISTORY**

**College of Visual Arts, Theatre and Dance**

**Web Page:** [http://arthistory.fsu.edu/](http://arthistory.fsu.edu/)

**Chair:** Adam Jolles; **Professors:** Gerson, Neuman, Weingarden; **Associate Professors:** Bearor, Freiberg, Jolles, Leitch; **Assistant Professors:** Carrasco, Jones; **Curator/Associate In:** Hudson; **Professors Emeriti:** Bosch (deceased), Bucher (deceased), Draper, Mason (deceased), Rose, Teilhet-Fisk (deceased);

**Courteys Professors:** Brulliant, de Grummond, McLendon, Nasgaard, Palladino-Craig, Pfaff, Pullen

The Department of Art History offers programs leading to the Bachelor 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 Islamic art, Pre-Columbian art, Early Medieval and Byzantine art, Romanesque and Gothic art, Italian and Northern European Renaissance art and architecture, Baroque and 18th-century art and architecture, modern architecture, 19th- and 20th-century art and criticism, 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 classrooms fully equipped for multimedia presentations and a visual resource center under the direction of a full-time curator. The resource center houses a collection of over 500,000 slides, videos, and pedagogical CDs, as well as a digital server containing over 45,000 images. Additionally, the School of Art and Design Library includes over 5,860 art-related books. The University library holdings are extensive and include a rare book and facsimile collection. The library supports many electronic resources and an excellent interlibrary loan division. The resources of the Ringling Museum Library are also available.

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, the former Tallahassee City Museum. The University administers the Ringling Museum in Sarasota, with its internationally known collection of European and Asian art. Internships are available at each of the Florida State University’s museums.

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 programs in Florence and 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 must satisfy this requirement by earning a grade of “C-” or higher in ARH 2814 (preferred); please consult the department for other options.

### State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.**

At the time this document was published, some common program prerequisites were undergoing revision. Please visit [http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual](http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual) for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ART X201 (Design I, basic design) or ART X202 (Design II, 3D, methods and concepts) or ART X203 (Design II, 3D, concepts and practices) or ART X205 (Color, color and composition, color design, color theory)
2. ART X300 (Drawing I, drawing foundations) or ART X310 (Intermediate drawing)
3. ARH X050
4. ARH X051
5. XXXX XXXX: coursework in a single foreign language for nine to twelve credit hours to satisfy the foreign language competency requirement

Note: All courses except the foreign language coursework require a “C” or higher.

Major in Art History

The Bachelor of Arts (BA) program in the history and criticism of art requires a total of forty-two semester hours of which thirty-three will be in art history and nine in studio art. The foundation courses (ARH 3056 and 3057) provide a broad view of major artists and monuments from Western art history, and are to be taken as early as possible. Majors are required to take an additional eight upper-level courses, two of which must be in World Arts. A seminar in art history is required for all art history majors, prior to which eighteen credit hours in art history must be completed. Only a grade of “C” or better is acceptable for courses in Art History to be credited toward the major. 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 Honors Societies” chapter of this General Bulletin.

Minor in Art History

A minor in art history requires fifteen semester hours of coursework 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 semester hours. Of these, six semester hours are in museum studies courses, three hours are in a related elective, and the remaining six hours are taken in supervised internship. Students with a minor in museum studies may not apply for any internships toward the major in Art History.

Definition of Prefix

ARH—Art History

Undergraduate Courses

ARH 2000. Art, Architecture, and Artistic Vision (3). This course focuses on a thematic approach to the understanding and appreciation of works of art.

ARH 2581. Survey of “Tribal Arts” Past and Present (3). This course studies 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 2814. Information Technology for the Art Historian (3). Prerequisite: Access to the Art History major. This course introduces students to computer-based research, writing, and presentation tools essential in art history.

ARH 3056. History and Criticism of Art I (3). This course is an introductory survey from prehistoric through late-Medieval art history.

ARH 3057. History and Criticism of Art II (3). This course is an introductory survey from early Renaissance through modern art history including developments in American art.

ARH 3100. Survey of Greek Art and Archaeology (3). This course surveys the major accomplishments in Greek art from early times through the Hellenistic period through a survey of principal monuments, works, and archaeological evidence.

ARH 3105. Art and Archaeology of Ancient Italy (3). This course is 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 3150. The Arts of Area Asia (3). This course is a general introduction to the visual arts of Asia, covering primarily India, central Asia, China, and Japan. The course is organized along thematic lines, with topics such as the ancient world, Buddhism, Chinese aesthetic theory and painting, and native and foreign currents in Japanese art.

ARH 3794. Museum Basics: History and Theory (3). This course introduces students to the history and theory of museums and museum practices, museum administration, exhibition planning, museum education, and museum careers.

ARH 3800. Methods of Art Criticism (3). Prerequisite: ARH 3056, ARH 3057, and twelve prior credit hours in upper-level art history. This course is an undergraduate seminar in art history with changing topics. May be repeated to a maximum of twelve semester hours.

ARH 3854. The Museum Object (3). Prerequisite: ARH 3794. The course covers the philosophy and practice of acquiring, processing, preserving, displaying, and interpreting museum objects. Material culture and the museum objects are addressed from the perspective of various disciplines, such as art history, archaeology, anthropology, history, and the natural sciences. Hands-on experience is gained in designing and executing an exhibition of the students’ conception.

ARH 3930. Special Topics (1–3). (S/U grade only.) May be repeated to a maximum of six semester hours.

ARH 4067. History of Modern Architecture (3). This course traces the major shifts in architectural thinking and design from the 19th to 21st centuries. While focused on European and American debates and movements, the course makes links to the architectural implications of Western territorial ambitions in the colonies such as the Indian Subcontinent, the Muslim heartland, and North Africa.

ARH 4110. Art and Archaeology of the Bronze Age in the Aegean (3). This course studies the major archaeological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works.

ARH 4118. Archaeology of Ancient Egypt (3). This course surveys the archaeology and art of ancient Egypt from the Pre-dynastic 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). This course is a study of Etruscan culture, art, and archaeology.

ARH 4131. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3). This course surveys the achievements 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). This course examines 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. Special Topics in Medieval Art (3). This course surveys the accomplishments of classical Greek and Roman art through an examination of the monuments, works, and architectural evidence.

ARH 4210. Early Christian and Byzantine Art (3). This course explores Byzantine art and architecture from the rise of Christianity in the second and third centuries to the end of the sixth century. Emphasis is placed on how imperial rulers used art to further their political and religious agendas.

ARH 4211. Early Medieval Art (3). Prerequisite: ARH 3056 or instructor permission. This course explores the development of the uses of art in the European Middle Ages, from Carolingian manuscript illumination to the emergence of sculpture. Emphasis is placed on the rise of the artist-historic figure and on the social and political agendas.

ARH 4212. Late Antique and Early Christian Art (3). This course explores Byzantine art and architecture produced in Late Antiquity, a time of transition from the Roman and Medieval periods. Emphasis is on the processes of transmission, adaptation, and reinterpretation of classical art, and the social and political agendas.

ARH 4213. Medieval Art (3). Prerequisite: ARH 3056 or instructor permission. This course surveys the visual arts of the Middle Ages, from Carolingian manuscript illumination to the emergence of sculpture. Emphasis is placed on the rise of the artist-historic figure and on the social and political agendas.

ARH 4214. Medieval Architecture (3). Prerequisite: ARH 3056 or instructor permission. This course surveys the visual arts of the Middle Ages, from Carolingian manuscript illumination to the emergence of sculpture. Emphasis is placed on the rise of the artist-historic figure and on the social and political agendas.
Prerequisite: ARH 3057 or instructor permission. This course examines the Golden Age of painting, sculpture, and architecture in France, England, and the Netherlands, focusing on how such figures as Rembrandt and Vermeer encoded meaning in works of detailed realism and contributed to the rise of new subjects in art, including still life, landscape, and portraiture.

18th-Century Art (3). Prerequisite: ARH 3057 or instructor permission. This course studies painting, sculpture, and architecture produced in Western Europe during the Enlightenment, with emphasis on the luxurious, sensual art of the Rococo, the rational classicism of the Palladian Revival, the new moral and philosophical image of women, and the rise of the decorative arts.

Modern European Art: Neoclassicism through Impressionism (3). Prerequisite: ARH 3057 or instructor permission. This course treats European art from 1780-1880, focusing on the evolving dialogue between academic and anti-academic practices through an investigation of the relationship between theory, criticism, and techniques of representation. Topics of inquiry include: David and Neo-classicism; British landscape painting; Delacroix and French Romanticism; Courbet’s Realism and Manet’s Naturalism, and French Impressionism.

Modern European Art: Post-Impressionism through Surrealism (3). Prerequisite: ARH 3057 or instructor permission. This course covers the development of art from 1880 to 1940. Topics of discussion include abstraction, Symbolism, Surrealism, as well as the relationship between the techniques and forms of abstract representation and content in France and beyond; the social, economic, and political events. The writing of artists and critics provides the basis for this inquiry.

Arts of India (3). This course offers an introduction to the visual culture of South and Southeast Asia with an emphasis on the Indian Subcontinent. The course examines the role that artistic production has played in the transmission of religious beliefs and the development of cultural systems from the Indus Valley to the present day. Students are encouraged to explore the form and functions of art in a variety of media, including but not limited to architecture, urban form, sculpture, painting, and performance.

Arts of China (3). This course introduces 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 themselves 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.

Arts of Japan (3). This course introduces 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 ukiyo-e.

Islamic Art and Architecture, 7th-21st Centuries (3). This course surveys the art and architecture of the Islamic world from its early days in the mid-seventh century to the present day. While the concept “Islamic world” is both vague and vast, stretching from Spain to India and beyond, the course focuses on several geographic areas to explore the visual culture produced by Muslims.

The Arts of Oceania, Africa and Native America (3). This course discusses, analyzes and examines the arts of people from Oceania, Africa, and Native America. It provides students with a valid framework for understanding the complexities involved with these arts in both a historical and cultural context.

U.S. Art: Centennial through Late Modernism (3). Prerequisites: ARH 3057 or instructor permission. This course surveys painting, sculpture, architecture, photography, and material culture from 1876 to the 1950s, reflecting regional and multicultural responses to questions of subjectivity and modernity such as “What is ‘American’ about our country and its art?” The course also explores how developing a national identity in this culture was a central concern during this period.

U.S. Art: Colonial Era to the Centennial (3). Prerequisites: ARH 3057 or instructor permission. This course examines an emerging national identity as reflected and developed in the arts and material culture from the Colonial period to 1876 using concepts from European images of “discovery” to conceptions of national culture presented to visitors at the Philadelphia Centennial. The course content is multicultural and includes discussions of women’s contributions.

Art after 1940 (3). Prerequisite: ARH 3057 or instructor permission. This course covers American and European art from Abstract Expressionism to the present. The course examines the evolution against Abstract Expressionism and investigates later 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”.

Great Traditions in Mesoamerican Art and Culture (3). This course introduces the art and architecture of Mesoamerica from the rise of the Olmek (1500 BC) to the Spanish conquest of the Aztec capital of Tenochtitlan. Focus is placed on how changes in visual culture reflect larger religious and political transformations.

The Art and Culture of the Maya (3). This course examines the art and culture of the Maya from approximately 350 BC to the present, focusing primarily on the Classic period (AD 250-900). This course highlights the role of art in Maya religion, politics, and ritual, addressing both the Maya conception of time and their hieroglyphic script. The class examines a range of media in which the Maya worked, including architecture, sculpture, ceramic painting, calligraphic monuments, and primary texts in translation, such as the Popol Vuh.

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 photography and photojournalism, focusing on photography’s global reach and its diverse 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.

History of Graphics (3). Prerequisite: ARH 3057 or instructor permission. This course surveys artists and processes in Western printmaking from the 15th century through the 20th century.

Japanese Animation (3). This course follows the history of Japanese animation from the early 20th century to the present time, with special focus on the contemporary period. The course investigates not only the richness of what is commonly referred to as anime, but also anime’s various origins in Japan and abroad.

Art History Methods and Media (3). Prerequisites: ARH 3056, ARH 3057, twelve prior credit hours in upper-level art history, and instructor permission. This seminar is designed for undergraduates in art history majors who plan to continue at the graduate level. The seminar introduces to art media and research methods.

Honors Work in Art History (1-6). This course requires a written thesis. May be repeated to a maximum of nine semester hours, subject to approval of faculty adviser.

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 relationship between high art and popular art and evaluates Disney’s impact on the production and consumption of leisure.

Directed Individual Study (3). May be repeated to a maximum of twelve semester hours.

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. May be repeated to a maximum of twelve semester hours, only three of which may be applied toward the major in art history. May be repeated within the same semester.

Graduate Courses

History of Modern Architecture (3).

Word and Image Studies (3).

Art and Archaeology of the Bronze Age in the Aegean (3).

Archaeology of Ancient Egypt (3).

Etruscan Art and Archaeology (3).

Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3).

Art and Archaeology of the Early Roman Empire (3).

Studies in Classical Art and Archaeology (3).

Early Christian and Byzantine Art (3).

Early Medieval Art (3).

Medieval Illustrated Manuscripts (3).

Late Antique and Early Christian Art (3).

Later Medieval Art (3).

Italian Renaissance Art: 15th Century (3).

Italian Renaissance Art: 16th Century (3).

Northern European Renaissance Art (3).

Southern Baroque Art (3).

Northern Baroque Art (3).

18th-Century Art (3).

Modern European Art: Neoclassicism through Impressionism (3).

Modern European Art: Post-Impressionism through Surrealism (3).

Arts of Japan (3).

Arts of China (3).

Islamic Art and Architecture, 7th - 21st Centuries (3).

Native American Arts and Architecture of the Southwest (3).

American Art before 1940 (3).

Art after 1940 (3).

Great Traditions in Mesoamerican Art and Culture (3).

History of Photography (3).

History of Graphics (3).

Seminar in Museum Studies (3).

Cultural Heritage Theory and Practice (3).

Seminar in the History and Criticism of Art (3).

Seminar in the Methods of Art History (3).

The Museum Object (3).

Methods and Theory for the Study of World Arts (3).

Introduction to Appraising Personal Property (4).
ARTS ADMINISTRATION, CENTER FOR:
see Graduate Bulletin

Program in
ASIAN STUDIES

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY
Web Page: http://www.coss.fsu.edu/asian/
Director: Lee Metcalf (Social Sciences)

The Program in Asian Studies is an international area-studies program that is
designed to develop a student’s competence in the language, history, culture,
and the contemporary political and economic setting of a particular country or
cultural region. This area-studies program is focused on Asia, broadly defined
as including East Asia, South Asia, and the Middle East. A major or minor in
this program serves the needs of: (1) general liberal arts students who wish to
learn more about these important areas of the world; (2) students who wish to
pursue graduate work in these or related fields; and (3) students who seek em-
ployment in or related to Asia. The program also combines area- or country-
specific courses that give students the needed cultural immersion with more
general comparative courses that provide them with the necessary intellectual
tools, concepts, and theories to make sense out of their particular disciplinary
concentrations. Students are to select language and thematic specializations in
line with their intellectual interests and career goals and design their program
of studies accordingly.

In addition to the regular major in Asian studies, the program also offers a
second option designed for students who want to combine linguistic, cultural,
and other relevant knowledge of Asia with business skills. Students electing
this option will take a significant proportion of their coursework in the College
of Business. This option is intended to prepare students for a career that capi-
talizes on their knowledge of Asia.

The undergraduate program in Asian studies is administered through the
College of Social Sciences and Public Policy. As an interdisciplinary program,
no minor is required, except in the case of the Asian studies/business option,
in which the business coursework 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 com-
petency 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 three components: (1) a language requirement, (2) an area-specific
coursework requirement, and (3) a concepts and theories tool requirement. The
total hour requirements for the major are a minimum of twelve semester hours
in an approved area language plus an additional thirty-six semester hours be-

don the liberal studies requirements (with a grade of “C–” or better in each
of the Asian studies courses. As this is an interdisciplinary program, no minor
is required.

In addition to a 2.0 overall GPA, all students must meet “mapping” require-
ments. See http://www.academic-guide.fsu.edu for more information.

Language Requirement

All students are required to take twelve semester hours of coursework in a
relevant area language (Chinese, Japanese, Arabic, or some other Asian lan-
guage). 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 coursework on the campus of Florida State University or by partici-
pating 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 coursework hours taken be-

don the twelve semester hour minimum may be counted toward the required
thirty-six semester hours for the major.

Area Specific Course Requirement

Students are to select at least twenty-four semester hours of area specific
coursework from the approved area-specific courses listed further down in
this document. Note that special topic area-specific courses may be approved

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 (1–15). (S/U grade only.)
ARH 5940r. Supervised Teaching (1–15). (S/U grade only.)
ARH 5942r. Internship in Museum Studies (1–6).
ARH 6292r. Topics in Medieval Art: Seminar (3).
ARH 6394r. Topics in Renaissance Art: Seminar (3).
ARH 6398r. Topics in Baroque Art: Seminar (3).
ARH 6592r. Topics in Eastern Art: Seminar (3).
ARH 6694r. Topics in 19th-Century Art: Seminar (3).
ARH 6695r. Topics in 20th-Century Art: Seminar (3).
ARH 6904r. Readings for Examinations (1–12). (S/U grade only.)
ARH 6938r. Topics in World Arts: Seminar (3).

For listings relating to graduate coursework for thesis, dissertation, and
master’s and doctoral examinations and defense, consult the Graduate Bulletin.
from time to time; for the most current list, students are encouraged to view the term-specific courses posted at their International Studies Blackboard Organization site.

**Concept and Theory Course Requirement**

Students are to select at least six semester hours of coursework from among the concept and theory courses listed further down in this document. Students should carefully select these courses in consultation with their academic adviser, to ensure that the courses meet any required prerequisites for the approved courses.

**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 semester hours in an approved language (Chinese, Japanese, or Arabic), twenty-one semester hours in Asian studies coursework, and fifteen semester hours in multinational business courses. The Asian studies coursework is to be selected from the area specific courses. With this degree there is no concepts and theories requirement. Students are also to select between two fifteen semester hour business coursework 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. Students should seek advising from the Asian Studies program adviser in 211 Bellamy for registering for business courses.

**International Marketing Track**

MAN 3600 Multinational Business Operations  
MAN 4631 International Strategic Management  
MAR 3023 Basic Marketing Concepts  
MAR 4156 Multinational Marketing  
Choose one:  
MAN 4605 Cross-Cultural Management (Prerequisite: MAN 3240)  
OR  
MAN 4680r Selected Topics in International Management  
OR  
Another related course approved by the Asian studies program adviser

**International Finance Track**

FIN 3244 Financial Markets, Institutions, and International Finance Systems  
FIN 3403 Financial Management of the Firm  
FIN 4604 Multinational Financial Management  
MAN 3600 Multinational Business Operations  
Choose one:  
MAN 4605 Cross-Cultural Management (Prerequisite: MAN 3240)  
OR  
MAN 4680r Selected Topics in International Management  
OR  
Another related course approved by the Asian studies program adviser

**Study Abroad**

Students majoring in Asian Studies are strongly encouraged to study abroad. See [https://international.fsu.edu/](https://international.fsu.edu/) for more information on the various options available through Florida State International Programs. Students should consult with the Asian Studies Director about any other study abroad programs they wish to pursue. Coursework taken in overseas locations must be approved in advance for credit toward the major.

**Internship**

The Asian Studies program encourages students to take advantage of internships with an area focus. Information on possible placements can be found on the Asian Studies program adviser in 211 Bellamy. Students are required to apply and be accepted for at least six semester hours of internship with an area focus and credit toward the major. Internship locations must be approved in advance for credit toward the major. See the Asian Studies program adviser in 211 Bellamy for further information.

**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.

**Second Majors**

Majors in Asian Studies may pursue a second major. When students pursue a second major in the College of Social Sciences and Public Policy, they may count nine semester hours of coursework toward both majors. For a second major in the College of Arts and Sciences, only six semester hours may count toward both majors.

**Asian Studies Minor**

Students pursuing a minor in the program must complete eighteen semester hours of Asian studies coursework beyond the liberal studies requirement. In this case, none of the broader comparative concepts and theories courses will count toward the eighteen semester hour minimum. Students may select freely from all area-specific courses.

**Approved Courses**

**Note:** Descriptions of specific courses can be found under the individual departments in which they are taught. In addition to the courses listed below, special topics courses may be approved by the program director in any particular term. These courses appear on the term course lists and are available at the International Studies Blackboard Organization site as well as the program office in 211 Bellamy.

**Area Specific Courses (twenty-four credit hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ASH 1044</td>
<td>Middle Eastern History and Civilization (3)</td>
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<tr>
<td>ASH 3100</td>
<td>History of Asia (3)</td>
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<tr>
<td>ASH 3200</td>
<td>History of The Ancient Near East (3)</td>
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<tr>
<td>ASH 3230</td>
<td>Middle East Survey (3)</td>
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<td>ASH 4223</td>
<td>Modern Middle East (3)</td>
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<td>ASH 4261</td>
<td>Central Asia Since the Mongols (3)</td>
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<td>ASH 4442</td>
<td>History of Modern Japan (3)</td>
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<tr>
<td>ASH 4520</td>
<td>Traditional India (3)</td>
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<tr>
<td>ASH 4550</td>
<td>Modern India (3)</td>
</tr>
<tr>
<td>CPO 3034</td>
<td>Politics of Developing Areas (3) [with CPO 2002 as a prerequisite]</td>
</tr>
<tr>
<td>CPO 3403</td>
<td>Comparative Government and Politics: The Middle East (3) [with CPO 2002 as a prerequisite]</td>
</tr>
<tr>
<td>CPO 3520</td>
<td>Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3) [with CPO 2002 as a prerequisite]</td>
</tr>
<tr>
<td>CPO 3541</td>
<td>Politics of China (3) [with CPO 2002 as a prerequisite]</td>
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<tr>
<td>ECS 4504</td>
<td>Economics of the Middle East (3) [with ECO 2013 and ECO 2023 as prerequisites]</td>
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<tr>
<td>INR 4274</td>
<td>Studies in International Politics: The Middle East (3) [with INR 2002 as a prerequisite]</td>
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<tr>
<td>ANT 4175</td>
<td>Archaeology of the Islamic World (3)</td>
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<tr>
<td>ANT 4363</td>
<td>Japanese Society and Culture (3)</td>
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<td>ARH 3530</td>
<td>The Arts of Asia (3)</td>
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<td>ARH 4540</td>
<td>Arts of India (3)</td>
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<td>ARH 4551</td>
<td>Arts of China (3)</td>
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<td>ARH 4554</td>
<td>Arts of Japan (3)</td>
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<td>ARH 4571</td>
<td>Islamic Art and Architecture, 7th-21st Centuries (3)</td>
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<td>CHI 3440</td>
<td>Business Chinese (3)</td>
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<td>CHI 3591</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>
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<td>CHT 3930</td>
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<td>HUM 3324</td>
<td>Cultural Imperialism (3)</td>
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<td>HUM 3413</td>
<td>Humanities: South Asian (3)</td>
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<td>HUM 3416</td>
<td>East Asian Humanities (3)</td>
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<td>JPN 3202</td>
<td>Readings in Japanese Short Stories and Essays (3)</td>
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<td>JPN 4930</td>
<td>Special Topics (3)</td>
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<tr>
<td>JPT 3391</td>
<td>Japanese Film and Culture (3)</td>
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<td>JPT 4020</td>
<td>Japanese Calligraphy (1)</td>
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<td>MUH 4571</td>
<td>Music of Indonesia (3)</td>
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<td>MUH 4572</td>
<td>Music of Japan (3)</td>
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<tr>
<td>REL 2315</td>
<td>Religions of South Asia (3)</td>
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<tr>
<td>REL 2350</td>
<td>Religions of East Asia (3)</td>
</tr>
<tr>
<td>REL 3335r</td>
<td>Hindu Texts and Contexts (3)</td>
</tr>
</tbody>
</table>
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 4333 Modern Hinduism (3)
REL 4357 Classical Tibetan (3)
REL 4359 Special Topics in Asian Religions (3)

Concept and Theory Courses (six credit hours)

Recommended Prerequisite Social Science-Concepts and Theories
CPO 2002 Introduction to Comparative Government and Politics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)
INR 2002 Introduction to International Relations (3)

Other Concepts and Theories
ECO 3303 History of Economic Ideas (3)
ECO 4704 International Trade (3) [with ECO 2013 and ECO 2023 as prerequisites]
ECO 4713 International Finance (3) [with ECO 2013 and ECO 2023 as prerequisites]
ECS 3003 Comparative Economic Systems (3) [with ECO 2013 and ECO 2023 as prerequisites]
GEA 1000 World Geography (3)
GEO 1400 Human Geography (3)
GEO 3502 Economic Geography (3)
GEO 4421 Cultural Geography (3)
GEO 4471 Political Geography (3)
INR 3004 Geography, History, and International Relations (3) [with INR 2002 as prerequisite]
INR 3084 Terror and Politics (3) [with INR 2002 as prerequisite]
INR 3502 International Organizations (3) [with INR 2002 as prerequisite]
INR 3603 Theories of International Relations (3) [with INR 2002 as prerequisite]
INR 4011 Politics of Globalization (3) [with INR 2002 as prerequisite]
INR 4075 International Human Rights (3) [with INR 2002 as prerequisite]
INR 4078 Confronting Human Rights Violations (3) [with INR 2002 as prerequisite]
INR 4083 International Conflict (3) [with INR 2002 as prerequisite]
INR 4102 American Foreign Policy (3) [with INR 2002 as prerequisite]
INR 4124 Statecraft (3) [with INR 2002 as prerequisite]
INR 4334 American Defense Policy (3) [with INR 2002 as prerequisite]
INR 4702 Political Economy of International Relations (3) [with INR 2002 as prerequisite]
PAD 3003 Public Administration in American Society (3)
PHM 2300 Introduction to Political Philosophy (3)
PHM 331r Modern Political Thought (3)
PHM 3400 Philosophy of Law (3)
PHM 4340r Contemporary Political Thought (3)
POT 3003 Introduction to Political Thought (3)
PSY 2012 General Psychology (3)
PUP 3002 Introduction to Public Policy (3)
PUR 3002 Public Relations Techniques (3)
SOP 3004 Social Psychology (3)
SYA 4010 Sociological Theory (3)
SYG 1000 Introductory Sociology (3)
SYG 2010 Social Problems (3)
SYO 3530 Social Classes and Inequality (3)
SYP 3000 Social Psychology of Groups (3)
SYP 3350 Collective Action and Social Movements (3)
SYP 3454 Global Justice Movements (3)
SYP 3540 Sociology of Law (3)
ANT 2410 Introduction to Cultural Anthropology (3)
ANT 3212 Peoples of the World (3)
ANT 3610 Language and Culture (3)
ANT 4241 Anthropology of Religion (3)
ARH 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)
HUM 3321 Multicultural Dimensions of Film and 20th-Century Culture (3)
MUH 2051 Music Cultures of the World (3)

Additional Asian Studies Courses (Six credit hours)

Select from any approved Asian Studies course or an approved Internship.
INR 4941 International Affairs internship (3-6)

Definition of Prefix
ASN—Asian Studies

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 5910r. Supervised Research (1–5). (S/U grade only.)
ASN 5935r. Special Topics in Asian Studies (1–3).

For listings relating to graduate coursework for thesis, master’s comprehensive examination, and thesis defense, consult the Graduate Bulletin.
Department of BIOLOGICAL SCIENCE

COLLEGE OF ARTS AND SCIENCES

Web Page: http://www.bio.fsu.edu/

Interim Chair: Thomas Roberts; Associate Chair (Graduate Studies): Bates; Associate Chair (Undergraduate Studies): L. Keller; Associate Chair (Curriculum Development): Epstein; Professors: Bates, Chase, Deng, Erickson, D. Fadool, Fajer, Gaffney, Gilbert, Houle, Hughes, Levitan, Meredith, Miller, Roberts, Roux, Stepann, Taylor, Travis, Tschenk; Associate Professors: Bass, Epstein, J. Fadool, Houpt, Inouye, L. Keller, T. Keller, Mast, Tang, Trombley, Underwood, Winn, Wulf; Assistant Professors: Chadwick, Cui, Dennis, DuVal, Jones, Lee, Lemmon, Lenhart, Lyons, McCrimm, Rokytka, Sroupe, Yu, Zhu; Professors Emeriti: Abele, Anderson, Caspar, DeBusk, deKloet, Elam, Freeman, Heard, Herrkind, Hofer, Homann, James, Livingston, Mariscal, Outlaw, Quadango, Reeves, Roeder, Short

The Department of Biological Science offers an undergraduate major in biological science that includes programs of study in most contemporary areas of biology. Specific academic concentrations within the major include cell and molecular biology; ecology, evolution, and environmental biology; marine biology; physiology and neuroscience; invertebrate and vertebrate zoology; plant sciences; and pre-professional health sciences. The requirements for the baccalaureate degree in biological science include most prerequisite courses necessary for admission to medical, dental, optometry, veterinary, osteopathic, chiropractic, and other allied health professional schools.

The department also offers a major in computational biology in conjunction with the Computer Science Department. This interdisciplinary major provides 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.

In addition, students interested in marine science may obtain a special certificate in marine biology and living resource ecology.

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 biological science and in biology/FSU-Teach satisfy this requirement by earning a grade of “C–” or higher in BSC 2010L. Undergraduate majors in computational biology satisfy this requirement by earning a grade of “C–” or higher in COP 3014.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites. The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

### Biology, General

1. BSC X010/X010L or BSC X010C or BSC X040/X040L or PCB X011C
2. BSC X011/X011L or BSC X011C or BSC X041/X041L
3. CHM X045/X045L or CHM X045C, or CHM X040 and CHM X041
4. CHM X046/X046L or CHM X046C
5. CHM X210/X210L and CHM X211/X211L, or CHM X210C and CHM X211C, or PHY X053/X053L and PHY X054/X054L, or PHY X048/X048L and PHY X049/X049L
6. MAC X311 or MAC X233 or MAC X253 or MAC X281 or MAC X241
7. MAC X312 or MAC X282 or MAC X234 or STA X023 or STA X024 or STA X321

### Biology, General FSU-Teach

1. BSC X010/X010L or BSC X010C or BSC X040/X040L or PCB X011C
2. BSC X011/X011L or BSC X011C or BSC X041/X041L
3. CHM X045/X045L or CHM X045C, or CHM X040 and CHM X041
4. CHM X046/X046L or CHM X046C
5. CHM X210/X210L and CHM X211/X211L, or CHM X210C and CHM X211C, or PHY X053/X053L and PHY X054/X054L, or PHY X048/X048L and PHY X049/X049L
6. MAC X311 or MAC X233 or MAC X253 or MAC X281 or MAC X241
7. MAC X312 or MAC X282 or MAC X234 or STA X023 or STA X024 or STA X321
8. SMT X043
9. SMT X053

**Note:** Transfer students will be able to take SMT X043 and SMT X053 while enrolled in upper division.

### Computational Biology

1. BSC X010/X010L or BSC X010C or BSC X040/X040L or PCB X011C
2. BSC X011/X011L or BSC X011C or BSC X041/X041L
3. CHM X045/X045L or CHM X045C, or CHM X040 and CHM X041
4. CHM X046/X046L or CHM X046C
5. PHY X048/X048L or PHY X053/X053L
6. PHY X049/X049L or PHY X054/X054L
7. MACX311
8. MACX312

### 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 2010L (Biological Science I with lab) and BSC 2011L (Biological Science II with lab)
- b. Satisfactory completion (“C–” or better) of CHM 1045L and CHM 1046L or CHM 1050L and CHM 1051L (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. 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;
- c. 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. **D/F Policy**

- a. A student who has not yet completed the prerequisite courses required for upper-division status (CHM 1045 and lab, CHM 1046 and lab, BSC 2010 and lab, BSC 2011 and lab) and earned more than one unsatisfactory grade (U, F, D–, D, D+) in courses required for the major in biological science (biological science, 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;
- b. A student who has completed the prerequisite courses required for upper-division status (CHM 1045 and lab, CHM 1046 and lab, BSC 2010 and lab, BSC 2011 and lab) and earned more than three unsatisfactory grades (U, F, D–, D, D+) in courses required for the major in biological science (biological science, chemistry, physics, mathematics, and statistics) and their prerequisites at Florida State University.
University or elsewhere, whether or not repeated, will not be permitted to graduate from Florida State University with a degree in biological science.

4. 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.

5. Required Courses in Biological Science.
Thirty-eight semester hours of biological science coursework are required for the degree. At least twenty of the required semester hours must be taken in residence at Florida State University. The following shall be included in the thirty-eight 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 semester hour requirement. No more than six semester hours of honors work in biological science (BSC 4970r), six semester hours of directed individual study (BSC 4990r), one semester hour of undergraduate supervised teaching (BSC 4945), and two semester hours of senior tutorial (BSC 4931) can be used to meet the thirty-eight 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).

6. 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 2211L (Organic Chemistry II Laboratory), BCH 4053 (General Biochemistry I), and BCH 4054 (General Biochemistry II), which do not apply to the major

c. Mathematics/Statistics: Either two semesters of calculus with analytical geometry equivalent to MAC 2311, MAP 2480 and MAC 2312, or MAC 2311, MAP 2480 and STA 2171

d. Physics: Two semesters of general physics with laboratories equivalent to PHY 2048C and 2049C (prerequisite of MAC 2311) or two semesters of college physics with laboratories equivalent to PHY 2053C and 2054C (prerequisites are MAC 1114 and MAC 1140).

7. Exit Survey:
All seniors must complete the online exit survey in the semester in which they plan to graduate. For details, contact an adviser in the Biological Science Academic Advising Office.

8. 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. The common program prerequisites are currently being determined. Lower-division students should complete the 1000 and 2000-level science and calculus courses listed below.

1. Biological Science (eighteen hours)
   - BSC 2010 Biological Science I (3)
   - BSC 2011 Biological Science II (3)
   - PCB 3063 General Genetics (3)
   - PCB 4674 Evolution (3)
   plus six 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 4253 Animal Biology (3)
   - PCB 4255 Immunology (3)
   - PCB 4255 Animal Biology (3)
   - PCB 4843 Fundamentals of Neuroscience (3)

2. Computer Science (sixteen 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 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)

3. Computational Science (six hours)
   - BSC 4933r Selected Topics in Biological Science (3)
   - CIS 4930r Special Topics in Computer Science (3)

4. Mathematics/Statistics (fifteen hours)
   - 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 or ten 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 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 2011/L). Students enrolling in the program will be required to complete at least sixteen semester hours of specified coursework 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.

This course consists of four selected corequisite: BSC 2086. This laboratory furnishes tools and additional biology course that counts in the major (PCB 3063 recommended); a definition of prefixes credit. at Florida State University. Grades below “C–” will not be accepted for minor minimum of four semester hours of the twelve semester hours must be taken additional information, see our Web site: the chapter in this teacher certification. Note that students seeking certification must be formally major in Biological Science in addition to a secondary major in Science and study positions with scientists, mathematicians and local schools are available. FSU-Teach pays for tuition for the first two courses (Step 1 and Step 2). Work and the skill and experience needed to be an effective science or math teacher. In this program, students develop deep science or mathematics knowledge and the skill and experience needed to be an effective science or math teacher. FSU-Teach pays for tuition for the first two courses (Step 1 and Step 2). Work study positions with scientists, mathematicians and local schools are available. Prerequisites for admission to the Biological Science/FSU-Teach major are the same as the prerequisites for the Biological Science major. The program is a double-major only curriculum requiring students to complete a primary major in Biological Science in addition to a secondary major in Science and Math Teaching. The discipline area has a special track for FSU-Teach majors enabling students to complete the double major in four years.

The program culminates with conferral of the baccalaureate degree with two majors and all coursework and state testing requirements for initial Florida teacher certification. Note that students seeking certification must be formally admitted to the School of Teacher Education and meet all of the requirements for pursuing a state-approved program. For information regarding the requirements for the second major in Science and Mathematics Teaching, please see the chapter in this General Bulletin for School of Teacher Education. For additional information, see our Web site: http://FSU-Teach.fsu.edu.

Graduate Study

The Department of Biological Science offers work leading to the Master of Science (MS) and Doctor of Philosophy (PhD) degrees; consult the Graduate Bulletin for details.

Requirements for a Minor in Biological Science

A minimum of twelve 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 semester hours of the twelve semester hours must be taken at Florida State University. Grades below “C–” will not be accepted for minor credit.

Definition of Prefixes

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BCH</td>
<td>Biochemistry (Biophysics)</td>
</tr>
<tr>
<td>BOT</td>
<td>Botany</td>
</tr>
<tr>
<td>BSC</td>
<td>Biological Sciences</td>
</tr>
<tr>
<td>ISC</td>
<td>Interdisciplinary Sciences</td>
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</tbody>
</table>

Undergraduate Courses

Courses Not for Major or Minor Credit

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1005</td>
<td>General Biology for Nonmajors (3)</td>
<td>This course consists of four selected topics in contemporary biology.</td>
</tr>
<tr>
<td>BSC 1005L</td>
<td>General Biology Laboratory for Nonmajors (1)</td>
<td>This course may be taken concurrently with lecture or subsequent to completion of lecture with passing grade.</td>
</tr>
<tr>
<td>BSC 1005C</td>
<td>General Biology for Nonmajors (4)</td>
<td></td>
</tr>
<tr>
<td>BSC 2085</td>
<td>Anatomy and Physiology I (3)</td>
<td>This course is the first of a two-semester human anatomy/physiology sequence emphasizing the cell, stimulus-response concept, and the skeletal-muscular and first half of the nervous systems.</td>
</tr>
<tr>
<td>BSC 2085L</td>
<td>Anatomy and Physiology I Laboratory (1)</td>
<td>Corequisite: BSC 2085. This lab explores microscopic and gross anatomy of the human body. Physiology of muscle contractions and nerve signaling are explored using computer simulated experiments.</td>
</tr>
<tr>
<td>BSC 2086</td>
<td>Anatomy and Physiology II (3)</td>
<td>Prerequisite: BSC 2085 or instructor permission. This course is a 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.</td>
</tr>
<tr>
<td>BSC 2086L</td>
<td>Anatomy and Physiology II Laboratory (1)</td>
<td>Corequisite: BSC 2086. This lab focuses on sensory and organ systems found in the human body. Physiology of the sensory and organ systems are explored with lab activities and computer simulated experiments.</td>
</tr>
<tr>
<td>ISC 3076</td>
<td>Science, Technology, and Society (3)</td>
<td>Prerequisite: Junior standing or instructor permission. This course examines interrelations among science, technology, and society. Science is considered as an enterprise in modern society that produces technological advances and new perspectives on reality. This course cannot be used as credit toward a major or a minor in a science department.</td>
</tr>
<tr>
<td>MCB 2004</td>
<td>Microbiology for Health Sciences (3)</td>
<td>Corequisite: MCB 2004L. This course covers microbiology for students planning careers in the health services, with emphasis on infectious disease, food microbiology, and public health.</td>
</tr>
<tr>
<td>MCB 2004L</td>
<td>Microbiology for the Health Services Laboratory (1)</td>
<td>Corequisite: MCB 2004. This course covers microbiological techniques including the isolation, typing, and identification of bacteria, properties of pathogenic bacteria, and food microbiology.</td>
</tr>
<tr>
<td>PCB 2099</td>
<td>Human Physiology (3)</td>
<td>This course surveys the major systems and their regulation in normal function and disease in the human body.</td>
</tr>
<tr>
<td>SCE 4939r</td>
<td>Seminar in Contemporary Science, Mathematics, and Science Education (1)</td>
<td>This course includes presentations of contemporary and interesting issues in science, mathematics, or academic methods. Content varies from semester to semester. May be repeated to a maximum of four semester hours.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 3015</td>
<td>Plant Biology (2)</td>
<td>This course is an introduction to evolutionary relationships, natural history, ecological adaptations, and physiology of plants, fungi, autotrophic protists, and prokaryotes.</td>
</tr>
<tr>
<td>BOT 3015L</td>
<td>Plant Biology Laboratory (1)</td>
<td>Corequisite: BOT 3015. This lab explores anatomy, development, and morphology and life cycles of autotrophs and fungi and other osmotrophs.</td>
</tr>
<tr>
<td>BOT 3143C</td>
<td>Field Botany (4)</td>
<td>This course is an introduction to plant taxonomy with emphasis on laboratory and field study. Orientation to principles of identification, classification, and rules of botanical nomenclature.</td>
</tr>
<tr>
<td>BOT 4394</td>
<td>Plant Molecular Biology (3)</td>
<td>Prerequisite: BOT 3015. This course covers molecular biology and biotechnology of plant growth and development.</td>
</tr>
<tr>
<td>BOT 4503L</td>
<td>Plant Physiology Laboratory (1)</td>
<td>Prerequisite: BOT 3015. This course focuses on reproduction and development, transmission (Mendelian) genetics, population biology, ecology, and evolution.</td>
</tr>
</tbody>
</table>

Biological Science

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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010</td>
<td>Biological Science I (3)</td>
<td>This course introduces basic chemistry, energetics, metabolism, and cellular organization; molecular genetics and information flow; animal and plant function.</td>
</tr>
<tr>
<td>BSC 2010L</td>
<td>Biological Science Laboratory I (1)</td>
<td>This laboratory furnishes tools and techniques used to visualize, quantify, and analyze biological phenomena, including experimental design and execution, recording of data, and graphic and statistical analysis of data.</td>
</tr>
<tr>
<td>BSC 2011</td>
<td>Biological Science II (3)</td>
<td>Prerequisite: BSC 2010. This course focuses on reproduction and development, transmission (Mendelian) genetics, population biology, ecology, and evolution.</td>
</tr>
</tbody>
</table>
BSC 2011L. Animal Diversity Laboratory (2). Prerequisites: BSC 2010 and BSC 2010L. This lab is an introduction to animals, sponges, cnidarians, flatworms and pseudococccidians, annelids, arthropods, molluscs, echinoderms, chordates.

BSC 3052. Conservation Biology (3). This course focuses on the history of the conservation movement, the research on populations of animals and plants that is relevant to man’s impact upon the environment, pollution in terrestrial and aquatic ecosystems, endangered species, government regulation, and sustainable development.

BSC 3312. Marine Biology (3). This course explores marine geology, chemistry of the ocean, oceanic circulation, oceanographic techniques, the marine environment and marine life.

BSC 3402L. Experimental Biology Laboratory (2). Prerequisite: Majors only. This course explores methodology of biological experimentation, data analysis, and reporting using selected topics (see academic advising office for selected topics offered each semester).

BSC 3390. Seminar in Biological Frontiers (1). (S/U grade only.) This course is a weekly seminar covering topics in biological research. Not repeatable for credit toward major requirements.

BSC 3398. Careers in the Biological Sciences (1). (S/U grade only.) 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. Course options in biology-related fields (including health professions) and 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 3949r. Cooperative Education Work Experience (0). (S/U grade only.) This non-credit, experiential learning course offers students an opportunity to gain “real world” on-the-job work experience, supplemented to a significant degree by academic field of study. Students must register for this course through the FSU Career Center.

BSC 4473C. Introduction to Scientific Diving (3). Prerequisites: Open water diver certified by national organization, clear diving medical exam, ability to pass swimming evaluation. This course is designed for the scientist or scientist in training who plans to use SCUBA diving as a tool for underwater research. Skills covered include dive planning, emergency management, underwater navigation, survey techniques, and instrument deployment and recovery.

BSC 4613. Systematics (3). This course explores the history of systematic theory; methods of phylogenetic analysis including distance, parsimony, and likelihood; classification of the diversity of life; the comparative method; analysis of within species variation.

BSC 4900r. Directed Individual Study (1–4). Prerequisites: A combined 3.0 GPA in biology, chemistry, physics, math, and statistics courses applied to the major; permission from a biological science instructor; and Department of Biological Science Advising Office permission. This supervised study is a special topic or research participation in the area of the faculty member’s research. Graduate students may not register for this course. A maximum of six semester hours may be applied to biological science major credit. May be repeated to a maximum of six semester hours.

BSC 4931r. Senior Tutorial in Biological Science (1). (S/U grade only.) Prerequisite: Senior standing (90+ hours). This course focuses on selected topics in contemporary biological science; maximum enrollment of five students in each tutorial. Repeatable one time to a maximum of two semester hours which may be applied to biological science credit.

BSC 4933r. Selected Topics in Biological Science (1–4). Prerequisites: Courses as specified and junior or senior standing. May be repeated to a maximum of eight semester hours.

BSC 4934r. Selected Topics in Applied Biology (1–4). (S/U grade only.) May be repeated to a maximum of eight semester hours. Some sections are not for major credit.

BSC 4937. Seminar in Living Marine Resource Ecology (1). Prerequisite: Instructor permission. This seminar course in marine resource ecology designed to introduce students to a broad array of current research priorities and interests in marine ecology. Students have the opportunity to work with professional resource managers and scientists from both the biological and social fields. Lecture topics range from life history studies of marine fish to the economic consequence of marine policy. Offered during the summer and spring semesters.

BSC 4945. Undergraduate Supervised Teaching (1). (S/U grade only.) Prerequisites: Senior standing and instructor permission. A maximum of one semester hour may be applied to biological science major credit.

BSC 4970r. Honors Work in Biological Science (1–6). Prerequisite: Admission to the department’s honors-in-the-major program. This course involves participation in a supervised research project. May be repeated to a maximum of twelve semester hours, of which six semester hours may be applied to biological science major credit.

Microbiology

MCB 4403L. Prokaryotic Biology Laboratory (3). Prerequisites: CHM 2210 and PCB 3063. Corequisite: MCB 4403L. This course covers structural and functional characteristics of microorganisms, with emphasis on prokaryotes (bacteria and archaea) and viruses. Topics include: prokaryotic cell structure and function, physiology and genetics of prokaryotes and viruses, physiological and molecular aspects of microorganisms and human disease, and biotechnological and environmental applications of microbial physiology (environmental, food, and industrial microbiology).

MCB 4405L. Eukaryotic Biology Laboratory (3). Prerequisites: CHM 3043 or ZOO 3713C or instructor permission. Corequisite: MCB 4405L. This course covers the biological specializations of crustaceans, mollusks, and echinoderms, including life history, behavior, ecology, biomechanics, and environmental adaptations.

MCB 4406C. Biology of the Lower Vertebrates (4). This course explores the systematics, ecology, and evolution of fishes, amphibians, and reptiles.

MCB 4433C. Biology of Higher Vertebrates (4). Prerequisites: BSC 2011, BSC 2011L, and CHM 1046. This course covers the systematics, ecology, and evolution of birds and mammals.

MCB 4454C. Biology of Fishes (4). This course provides an overview of the systematics, morphology, ecology, behavior, physiology, and life history of the most diverse group of vertebrates on earth, the fishes. It includes conservation and management issues and laboratory exercises balanced with field trips to different north Florida habitats, including freshwater springs, salt marshes, seagrass beds, and offshore reefs.

ZOO 4513. Animal Behavior (4). This course discusses modern perspectives of the behavior of animals.

ZOO 4753C. Histology (4). This course explores the microscopic anatomy and functions of the cells, tissues, and glands composing the organs and systems of humans.

ZOO 4825. Insect Biology (3). This course discusses the morphology, classification, natural history, physiology, and evolution of insects.

ZOO 4827. Insect Diversity of North Florida (2). Prerequisites: MAC 2311. Prerequisite systems.
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 5476C. Introduction to Scientific Diving (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).

Process Biology

PCB 5137. Advanced Cell 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 5785. Biology of Muscle (3).
PCB 5789. 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 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 5347. Neuropharmacology (3).
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 coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Interdepartmental Minor in
BRITISH STUDIES, LONDON CENTER

Definition of Prefixes

BMS—Basic Medical Sciences
GMS—Graduate Medical Sciences
IHS—Interdisciplinary Health Sciences
MEL—Medical Science Electives

Undergraduate Courses

BMS 4681. Multicultural Health Care and Health Disparities (3). This course reviews the impact of culture and ethnicity on health, illness, and health care practices. The course exposes students interested in a career in health care to the challenges of providing care to a multicultural society through exposure to theory, evidence-based practices, and self-exploration through service learning with an underserved population.

BMS 4901r. DIS in Biomedical Sciences (1-4). Prerequisite: Instructor permission. Corequisite: Must have a combined GPA of 3.0 in biology, chemistry, and physics coursework. This directed individual study course in biomedical sciences offers a unique opportunity for undergraduate students to perform research in the biomedical science laboratories in the College of Medicine. Students perform special supervised study or research in the area of the faculty member’s research. An oral presentation and a final report of the research in the format of a short scientific publication is required. May be repeated to a maximum of fifteen semester hours.

MEL 1010. Careers in Medicine: Preparation to Practice (1). (S/U grade only.) This course is intended for all undergraduates who are seriously considering a career in medicine. Students learn how to successfully prepare for the academic, personal, and professional rigors of medical school and for a career in medicine. Students are encouraged to take this course early in their undergraduate years, so they can pursue the appropriate academic coursework, volunteer, and earn medical experience that will help them become successful medical school applicants and health professionals.

Graduate Courses

BMS 5081. Introduction to Clinical Ethics (2).
BMS 5082. Ethics in the Clinical Setting (4-6).
BMS 5122. Insights into Human Congenital and Developmental Disorders (3).
BMS 5185r. Research Opportunities in Biomedical Sciences (1–4).
BMS 5186C. Research Techniques in Biomedical Sciences (2–4).
BMS 5225. Bioregulation (4).
BMS 5862. Multicultural Health Care and Health Disparities (3).
BMS 5909r. Directed Independent Study in Biomedical Sciences (1–12).
BMS 5935r. Advanced Topics in Biomedical Sciences (1–2).
BMS 6090r. Directed Individual Study in Biomedical and Clinical Sciences (2–9).
BMS 6039r. Seminar in Biomedical Sciences (1–2).
GMS 5095r. Modeling Human Disease (3).
GMS 5303. Molecular Mechanism of Common Human Diseases (3).
GMS 5304. RNA Silencing and Disease (3).
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 6980r. Dissertation Research (1–12).
IHS 8960r. Preliminary Doctoral Examination (0).
IHS 8970r. Dissertation Defense (0).

Requirements for a Minor in British Studies

The interdisciplinary minor requires the completion of fifteen semester hours in courses approved by the British Studies London Center Minor Coordinating Committee. At least nine semester hours of approved courses must be taken while the student is in residence at the London Study Center. A maximum of nine semester hours may be counted in any single academic discipline. A minimum grade of “C–” must be earned for all courses taken for the minor. In addition, a minimum grade point average of 2.0 must be maintained in all courses counted toward the minor. Students who intend to minor in British Studies should declare this intention with International Programs at the end of the semester in London. Contact Betty Seymour at bseymour@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 Romantics to the Present (3)
ENL 3210 Medieval Literature in Translation (3)
ENL 3334 Introduction to Shakespeare (3)
ENL 3144 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 4218 Middle English Romance (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 4502 England Since 1870 (3)
EUH 4512 Stuart England (3)
EUH 4520 England, 1714-1870 (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)
Committee, time basis may be counted if the Coordinating Committee approves them. To special topics courses offered on the Florida State University campus on a one-
minor if a course syllabus shows that at least fifty percent (50%) of the mate-

ten 2012-13 General Bulletin Undergraduate Edition Florida State University

THE 4111
THE 3931r
THE 3061
THE 2000
SYG 2010
REL 3145
REL 1300
REL 3502
REL 3043
REL 3383
REL 4033
PGY 2100C
PGY 1300
PGY 1209
PGY 1000
PGY 0901
PGY 0900

LIT 4131r
LIT 3931r
LIT 3061
LIT 3043
LIT 2189
LIT 2179
LIT 2169
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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 mate-
rial 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 International Programs Coordinating Committee, University Center AS500, Tallahassee, FL 32306-2420.

BUSINESS LAW:
see Risk Management/Insurance, Real Estate, and Legal Studies

CELL BIOLOGY:
see Biological Science
Program Objectives and Outcomes

The Department of Chemical and Biomedical Engineering is nationally accredited 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 three program educational objectives (PEOs) for the Bachelor of Science (BS) degree in Chemical Engineering:

1. To produce graduates with a rigorous foundation in chemical engineering principles and strong communication skills that will enable them to pursue successful careers in a wide range of industrial, professional, and academic settings.
2. To produce graduates with the ability to adapt and innovate to meet future technological challenges and evolving regulatory issues, while addressing the ethical and societal implications of their work at both the local and global level.
3. To prepare graduates to function on interdisciplinary teams, assume participatory and leadership roles in professional societies, and interact with educational, community, state, and federal institutions.

Program Outcomes

These objectives are further expanded and detailed through eleven program student outcomes:

- **Program Outcome A: Scientific Knowledge.** Students graduating from the program will have the ability to apply knowledge of mathematics, physics, chemistry, biology, and chemical engineering to analyze chemical engineering processes (c3.a).
- **Program Outcome B: Chemical Engineering Process Experimentation.** Students graduating from the program will be able to design and conduct chemical engineering experiments, and analyze and interpret fundamental data of importance to the design and operation of chemical processes (c3.b).
- **Program Outcome C: Design Skills.** Students graduating from the program will have the ability to design and analyze new and existing chemical systems and processes to meet desired needs (c3.c).
- **Program Outcome D: Multidisciplinary Teams.** Students graduating from the program will have the ability to function on multidisciplinary teams (c3.d).
- **Program Outcome E: Problem Solving.** Students graduating from the program will have the ability to identify, formulate and solve chemical engineering problems (c3.e).
- **Program Outcome F: Professional and Ethical Responsibility.** Students graduating from the program will have an understanding of professional and ethical responsibility (c3.f).
- **Program Outcome G: Effective Communications and Team Participation.** Students graduating from the program will have the ability to communicate effectively (c3.g).
- **Program Outcome H: Global and Societal Impact of Chemical Engineering.** Students graduating from this program will have an understanding of the global and societal impact of chemical engineering practice (c3.h).
- **Program Outcome I: Lifelong Learning.** Students graduating from the program will be able to assess the need for, and engage in, lifelong learning (c3.i).
- **Program Outcome J: Contemporary Issues in Chemical Engineering.** Students graduating from this program will have an understanding of contemporary issues in chemical engineering (c3.j).
- **Program Outcome K: Modern Engineering Skills and Tools.** Students graduating from the program will be able to use the modern engineering skills and tools necessary for chemical engineering practice either in industry, or in pursuit of advanced education (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.

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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit [http://facts.Home_Page/College_Students/Transferring/Common_Prerequisite_Manual](http://facts.Home_Page/College_Students/Transferring/Common_Prerequisite_Manual) for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. MAC X311 or MAC X281
2. MAC X312 or MAC X282
3. MAC X313 or MAC X283
4. MAP X302 or MAP X305
5. CHM X045/X045L or CHM X045C, or CHS X440 and CHM X045L
6. CHM X046/X046L or CHM X046C
7. PHY X048/X048L or PHY X048C, or PHY X043 and PHY X048L
8. PHY X049/X049L or PHY X049C, or PHY X044 and PHY X049L

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 experiences feature a twenty stage distillation column for the study of organic chemical separations, several reactor vessels for the design and analysis of batch and continuous reactor configurations, and a liquid/liquid continuous extraction process system, among others. All experiments include computer data control and 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 workstations 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 workstations 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 (BS) in Chemical Engineering, students may choose from among three diverse areas of study that reflect new directions in the broader field of chemical engineering. These major options include chemical engineering, chemical-materials engineering, and 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-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 sub-disciplines of chemical engineering, the field is a rapidly evolving one involving chemical engineers, biochemists, physicists, 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.

### Requirements for a BS Degree in Chemical Engineering

A program of study encompassing at least one hundred thirty-one 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 semester hours of chemical engineering major courses. In addition, students must achieve a grade of “C–” or higher in all engineering courses, and must achieve a 2.0 grade point average (GPA) in the forty-five semester hours of chemical engineering major courses.

Students should contact the department for the most up-to-date information concerning the chemical engineering curriculum requirements.

There are three majors within the chemical engineering Bachelor’s degree program. These include Chemical Engineering, Chemical-Materials Engineering, and Biomedical Engineering. Most of the curriculum is common to all three 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 three majors should successfully complete the following courses in addition to the liberal studies, other University, and College of Engineering requirements:

#### Math and Science Prerequisites

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>ECH 3301</td>
<td>Process Analysis and Design (4)</td>
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<tr>
<td>OR</td>
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<tr>
<td>MAP 2302</td>
<td>Ordinary Differential Equations (3) (transfer students only)</td>
</tr>
<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>MAC 2313</td>
<td>Calculus with Analytic Geometry III (5)</td>
</tr>
<tr>
<td>BSC 2010</td>
<td>Biological Science I (3)</td>
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<tr>
<td>CHM 1045</td>
<td>General Chemistry I (3)</td>
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<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 (1)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics (3)</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>General Physics A (combined lecture/lab) (5)</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics B (combined lecture/lab) (5)</td>
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</tbody>
</table>

**Advanced Chemistry**

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<th>Code</th>
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<tbody>
<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I (3)</td>
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<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II (3)</td>
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<tr>
<td>CHM 4410</td>
<td>Physical Chemistry I (3)</td>
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<tr>
<td>CHM 4410L</td>
<td>Physicochemical Measurements and Techniques I (1)</td>
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<tr>
<td>CHM XXXX</td>
<td>Advanced Chemistry Elective (3-4) (not required for Biomedical Engineering majors)</td>
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#### General Engineering

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<th>Code</th>
<th>Course Name</th>
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<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering (3) (not required for students taking BME 3009 in the Spring 2012 term and henceforth)</td>
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<tr>
<td>EEL 3003L</td>
<td>Introduction to Electrical Engineering Laboratory (1) (not required for students taking ECH 3301 in the Spring 2012 term and henceforth)</td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics (4)</td>
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<tr>
<td>EGN 1004L</td>
<td>First Year Engineering Lab (1)</td>
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#### Chemical Engineering Science and Design

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<th>Code</th>
<th>Course Name</th>
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<tr>
<td>ECH 3023</td>
<td>Mass and Energy Balances I (3)</td>
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<tr>
<td>ECH 3024</td>
<td>Mass and Energy Balances II (3)</td>
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<tr>
<td>ECH 3101</td>
<td>Chemical Engineering Thermodynamics (3)</td>
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<tr>
<td>ECH 3266</td>
<td>Transport Phenomena I (3)</td>
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<tr>
<td>ECH 3274L</td>
<td>Transport Phenomena Laboratory (3)</td>
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<tr>
<td>ECH 3418</td>
<td>Separations Processes (3)</td>
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<tr>
<td>ECH 3854</td>
<td>Chemical Engineering Computations (4)</td>
</tr>
<tr>
<td>ECH 4267</td>
<td>Transport Phenomena II (3)</td>
</tr>
<tr>
<td>ECH 4323</td>
<td>Process Control (3)</td>
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<tr>
<td>ECH 4323L</td>
<td>Process Control Laboratory (1)</td>
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<tr>
<td>ECH 4404L</td>
<td>Unit Operations Laboratory (3)</td>
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<tr>
<td>ECH 4504</td>
<td>Kinetics and Reactor Design (3)</td>
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<td>ECH 4604</td>
<td>Chemical Engineering Process Design I (4)</td>
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<tr>
<td>ECH 4615</td>
<td>Chemical Engineering Process Design II (3)</td>
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<tr>
<td>ECH 4XXX</td>
<td>Chemical Engineering Electives (6) (Chemical and Chemical-Materials Engineering Majors)</td>
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**OR**

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<tr>
<td>BME/ECH 4XXX</td>
<td>Biomedical Engineering Elective (3) (Biomedical Engineering majors)</td>
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</table>

#### Major Requirements

In addition to the courses listed above that are required for all majors, the following courses are specifically required for each of the three 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.

Select from one of the following choices:

1. **CHM 3120/CHM 3120L Introduction to Analytical Chemistry with Lab (2/2)**
2. **CHM 4080 Environmental Chemistry I (3)**
3. **CHM 4411 Physical Chemistry II (3)**
4. **CHM 2211L Organic Chemistry II Laboratory (3)**
5. **BCH 4053 General Biochemistry I (3)**

**Chemical Engineering Electives**

The two chemical engineering electives (three semester hours each) are to be selected from the 4000-level elective courses offered in the Department of Chemical and Biomedical Engineering.

**Note:** A six credit-hour sequence in the Department’s Undergraduate Research Program, consisting of the course designations ECH 4904 (ECH URP), ECH 4906 (ECH Honors in the Major), BME 4904 (BME URP), or BME 4906 (BME Honors in the Major), will substitute for this requirement.

**Major in Chemical-Materials Engineering**

**Advanced Chemistry Elective**

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<th>Code</th>
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<tbody>
<tr>
<td>CHM 3120</td>
<td>Introduction to Analytical Chemistry (2)</td>
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<tr>
<td>CHM 3120L</td>
<td>Introduction to Analytical Chemistry Lab (2)</td>
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</table>

**Chemical Engineering Electives**

Select from two of the following choices, at least one course of which must be from the Department of Chemical and Biomedical Engineering:

1. **ECH 4823 Introduction to Polymer Science and Engineering (3)**
2. **ECH 4824 Chemical Engineering Materials (3)**
Undergraduate Courses

BME 3009. Introduction to Biomedical Engineering (3). Prerequisites: BSC 2010, MAC 2312, PHY 2048C, all with a grade of “C-” or higher. Corequisites: MAC 2313 and PHY 2049C. This course presents an introduction to the field of biomedical engineering, building on previous coursework in biological science, physics, and calculus. Topics include the anatomy and physiology of the human body, including tissue and organ systems, disease processes, imaging, and tissue engineering. Students interested in furthering their education in biomedical engineering should consult with a representative from the Department of Chemical and Biomedical Engineering. This course is not open to freshmen.

BME 3010. Biomedical Engineering (3). Prerequisites: ECH 3274L, ECH 3418, and ECH 3101. Corequisites: ECH 3274L, ECH 3418, and ECH 4267. This course covers the fundamental concepts of biomedical engineering. Topics include the anatomy and physiology of the human body, including tissue and organ systems, disease processes, imaging, and tissue engineering. This course provides a foundation for further coursework in biomedical engineering.

BME 4007. Biomedical Engineering Electives (1–3). Prerequisites: BME 4802. Corequisites: BME 4904r. This course offers a supervised program of study approved by the department chair. May be repeated within the same term to a maximum of six credit hours.

BME 4009r. Undergraduate Research Project (1–3). Prerequisites: ECH 3274L, ECH 3418, and ECH 4267. Corequisites: ECH 4504 and ECH 4604. This course offers an introduction to the field of biomedical engineering, with emphasis on the role of general engineering. Topics cover hemodynamics, human physiology, pharmacodynamics, artificial organs, biomaterials, biomechanics, and clinical engineering.

BME 4027. Biomedical Engineering Ethics (3). Prerequisite: Senior or graduate standing in biomedical engineering. This course is an introduction to the key concepts, theories, principles, and methodology relevant to the development of biomedical ethics. The student is facilitated in his/her development of a course of professional ethics through written work, class discussion, and case analysis.

BME 4403C. Quantitative Anatomy and Systems Physiology I (3). Prerequisites: ECH 3274L, ECH 3418, and ECH 3101. Corequisites: ECH 3274L, ECH 3418, and ECH 4267. This course covers the anatomy and physiology of the human body, focusing on the lecture portion of the course focused on anatomical and physiological concepts. This course is an introduction to the field of biomedical engineering.

BME 4404C. Quantitative Anatomy and Systems Physiology II (3). Prerequisites: BME 4403C, ECH 3101, ECH 3266, ECH 3854, EGM 3512, and CHM 4410. Corequisites: ECH 3101, ECH 3266, ECH 3854, EGM 3512, and CHM 4410. This course covers the anatomy and physiology of the human body, focusing on the laboratory portion of the course focused on anatomical and physiological concepts. This course is an introduction to the field of biomedical engineering.

BME 4904r. Undergraduate Research Project (1–3). Prerequisites: ECH 3274L, ECH 3418, and ECH 4267. Corequisites: ECH 4504 and ECH 4604. This course offers an introduction to the field of biomedical engineering, with emphasis on the role of general engineering. Topics cover hemodynamics, human physiology, pharmacodynamics, artificial organs, biomaterials, biomechanics, and clinical engineering.

BME 4906r. Honors URP in Biomedical Engineering (1–3). Prerequisites: BME 4904r. Corequisites: ECH 3023, ECH 3024, and ECH 3301, all with a grade of “C-” or higher, as well as CHM 2211, PHY 2049C, and BSC 3025. This course covers the anatomy and physiology of the human body, focusing on the lecture portion of the course focused on anatomical and physiological concepts. This course is an introduction to the field of biomedical engineering.

BME 4937r. Special Topics in Biomedical Engineering (3). Prerequisite: BME 4404C, ECH 3418, and ECH 4267. Corequisites: ECH 3101, ECH 3266, ECH 3854, and PHY 2049C. This course covers the anatomy and physiology of the human body, focusing on the laboratory portion of the course focused on anatomical and physiological concepts. This course is an introduction to the field of biomedical engineering.

ECH 3023. Mass and Energy Balances (3). Prerequisites: BSC 2010, CHM 1046, and MAC 3025. Corequisites: BSC 3211, MAC 2313, and PHY 2049C. This course covers the anatomy and physiology of the human body, focusing on the lecture portion of the course focused on anatomical and physiological concepts. This course is an introduction to the field of biomedical engineering.
Prerequisites: ECH 3024, Mass and Energy Balances II (3). Prerequisites: CHM 2210, ECH 3023, MAC 2313, and PHY 2049C. Corequisites: ECH 3301 and PHY 2049C. This course is the second in a two-part series introducing the concepts and techniques of process control in chemical engineering. Applications of mass and energy balances are extended to include reactive systems, systems undergoing phase changes, and transient processes. MATLAB is used to demonstrate the use of a structured programming language for material and energy balances.

ECH 3101. Chemical Engineering Process Design I (4). Prerequisites: ECH 3023, ECH 3301, all with a grade of "C" or higher, as well as PHY 2049C. Corequisites: CHM 4410, ECH 3418, ECH 3526, and EGM 3512. This course exposes students to the basics of classical and solution thermodynamics, forming a link between the mass and energy balance courses and separations.

ECH 3264. Transport Phenomena I (3). Prerequisites: ECH 3023, ECH 3301, and ECH 3418, all with a grade of "C" or higher, as well as PHY 2049C. Corequisites: CHM 4410, ECH 3584, ECH 3266, and EGM 3512. This course examines integral balance equations for conservation of momentum, energy, and mass. Topics include: application to chemical processes involving fluid flow and heat and mass transfer; estimation of friction factors and of heat and mass transfer coefficients; pump selection and sizing; piping network analysis; and design of heat exchangers.

ECH 3274L. Transport Phenomena Lab (3). Prerequisites: CHM 4410, ECH 3101, ECH 3266, and ECH 3584. Corequisites: ECH 3418 and ECH 4267. This course enables students to design and conduct experiments on fluid mechanics and heat transfer; analyze and interpret data; apply spreadsheet tools; use computer statistical methods, and process models; as well as gain proficiency in operating basic chemical-engineering equipment and instruments. Emphasis is placed on safety, professionalism, teamwork, and oral/written communication.

ECH 3301. Process Analysis and Design (4). Prerequisite: MAC 2312 with a grade of "C" or higher. Corequisites: ECH 3274L, ECH 3418, and ECH 3584. This course covers the phases of chemical process control design, including process control and sensors, and control circuits. Applications of fundamentals to analyze gas and liquid waste treatment processes.

ECH 4267. Bioengineering (3). Prerequisites: ECH 3274L, ECH 3418, and ECH 4267. Corequisites: ECH 4404L, ECH 4504, and ECH 4604. This course is an 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 colloids. Applications of fundamentals to analyze gas and liquid waste treatment processes.

ECH 4280C. Distilled Spirits Processing and Properties (3). Prerequisites: Completion of sophomore year. This course introduces statistical methods, and process models; as well as gain proficiency in operating basic chemical-engineering equipment and instruments. Emphasis is placed on safety, professionalism, teamwork, and oral/written communication.

ECH 4283. Polymer Science and Engineering (3). Prerequisites: ECH 3274L, ECH 3418, and ECH 4267. Corequisites: ECH 4404L, ECH 4504, and ECH 4604. This course offers an introduction to different types of polymers and their physical properties. Topics include macromolecules in solution, methods of molecular weight determination, and the role of phase transitions in amorphous and crystalline polymers.

ECH 4284. Chemical Engineering—Materials (3). Prerequisites: ECH 3274L, ECH 3418, and ECH 4267. Corequisites: ECH 4404L, ECH 4504, and ECH 4604. This course is an 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.

ECH 4285. Polymer Process Engineering (3). Prerequisites: ECH 3274L, ECH 3418, and ECH 4267. Corequisites: ECH 4404L, ECH 4504, and ECH 4604. This course explores polymeric systems, interrelationships between material properties, processing conditions, and final properties with an emphasis on viscoelastic rheological behavior of viscoelastic materials. Uses a university polymer chemistry laboratory in Scotland. The semester course takes place over a two week period in which students are instructed in the operational procedure of the plant and given hands-on involvement in an actual production run. Lecture and laboratory sessions focusing the production run focus on a detailed chemical and physical analysis of the distillate sample using spectroscopic, chromatographic, and NMR techniques.

ECH 4937r. Special Topics in Chemical Engineering (3). Prerequisites: ECH 3274L, ECH 3418, and ECH 4267. Corequisites: ECH 4404L, ECH 4504, and ECH 4604. This course is an introduction to topics covered in ECH 4283. Corequisites: ECH 4404L, ECH 4504, and ECH 4604. This course is an 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 colloids. Applications of fundamentals to analyze gas and liquid waste treatment processes.

Graduate Courses

BME 5065. Biomedical Engineering Ethics (3).

BME 5620. Biophysical Chemistry and Biothermodynamics (3).

EGN 5005r. Directed Individual Study (1–3).
CHEMICAL PHYSICS: see Graduate Bulletin
At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

### Chemistry
1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C
2. CHM X046/X046L or CHM X046C
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. CHM X210/X210L and CHM X211/X211L, or CHM X210C and CHM X211C
6. PHY X048/X048L and PHY X049/X049L, or PHY X048C and PHY X049C, or PHY X053/X053L and PHY X054/X054L, or PHY X053C and PHY X054C

Note: The PHY X048/X049 sequence is required for the Bachelor in Science degree; it is an option for the Bachelor in Arts degree. The PHY X053/X054 sequence is not accepted for the Bachelor in Science degree.

### Biochemistry
1. BSC X100/X100L or BSC X101C or BSC X1040 and BSC X1040C
2. BSC X111/X111L or BSC X111C or BSC X1041/X1041L
3. CHM X045/X045L or CHM X045C, or CHM X040 and CHM X041
4. CHM X046/X046L or CHM X046C
5. CHM X210/X210L or PHY X048/X048L or PHY X053/X053L
6. CHM X211/X211L or PHY X049/X049L or PHY X054/X054L
7. MAC X312

Note: Although MAC X312 is required for the degree, students may be admitted prior to completion of this course.
8. MAC X311 or MAC X233 or MAC X253 or MAC X281

### Chemical Science
1. CHM X045/1045L, or CHM X040 and CHM X041, or CHM X045C
2. CHM X046/X046L or CHM X046C
3. MAC X311 or MAC X281
4. CHM X210/X210L and CHM X211/X211L, or CHM X210C and CHM X211C

### Chemical Science FSU-Teach
1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C
2. CHM X046/X046L or CHM X046C
3. MAC X311 or MAC X281
4. CHM X210/X210L and CHM X211/X211L, or CHM X210C and CHM X211C
5. SMT X043
6. SMT X053

Note: Transfer students will be able to take STM X043 and STM X053 when admitted to upper division.

### Honors in the Major

The Department of Chemistry and Biochemistry offers Honors in the Major to encourage students to undertake independent and original research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin, or the departmental Web site at http://www.chem.fsu.edu.

### FSU-Teach Program in Teaching Chemistry

For those also interested in teaching chemistry in middle school or high school, FSU-Teach is an innovative approach to teacher education that involves a collaboration between scientists, mathematicians, and education faculty at Florida State University. In FSU-Teach, students will acquire knowledge in science or mathematics and the skill and experience needed to be an effective science or math teacher. The program will pay for tuition for the first two courses, and work study positions with scientists, mathematicians and local schools are available. For more information, see the FSU-Teach Web site at http://FSU-Teach.fsu.edu.

### 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.

Current majors in the Department of Chemistry and Biochemistry are generally discouraged from taking courses required for the major as transient students unless taken over the summer, in order to meet milestones in their MAP. Students planning to transfer to Florida State University, either as a transfer or transient student, should note that all upper-level chemistry courses (i.e. courses at the 3000 or 4000 level) applied toward any of the department’s majors 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 at least twelve 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. Students graduating must complete an exit survey, without which the department will not approve graduation.

### 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 two unsatisfactory grades (U, F, D-, D, D+) in the following courses, taken at Florida State University or elsewhere, including repeated unsatisfactory grades in the same course, will not be permitted to graduate with a degree offered by the Department of Chemistry and Biochemistry: CHM 1045, CHM 1045L, CHM 1046, CHM 1046L, CHM 2210, MAC 1105, MAC 1114, MAC 1140, MAC 2311.

A student who has received more than five unsatisfactory grades (U, F, D-, D, D+) in science or mathematics courses (and their prerequisites) required for any major offered by the Department of Chemistry and Biochemistry, taken at Florida State University or elsewhere, including repeated unsatisfactory grades in the same required course, 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); analytical chemistry (CHM 3120, 3120L, 4130, 4130L); physical chemistry (CHM 4410, 4410L, 4411, 4411L); and one semester of inorganic chemistry (CHM 4610) and the associated laboratory (CHM 4610L). Also required are mathematics through calculus 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); analytical chemistry (CHM 3120, 3120L, 4130,
4130L); physical chemistry (CHM 4410, 4410L, 4411, 4411L); 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 or BCH 4624 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 and approved by the supervising faculty, and a copy of the report submitted to the Student Affairs Office. 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); analytical chemistry (CHM 3120, 3120L, 4130, 4130L); physical chemistry (CHM 4410, 4411); 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 Blackboard site.

Baccalaureate Degree in Chemical Science

Major 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 3120, 3120L, 4130, 4130L); 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.

Major in Chemical Science/FSU-Teach

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, CHM 2211, CHM 2211L); plus at least one semester of analytical chemistry (CHM 3120, CHM 3120L); physical chemistry (CHM 3400 or both CHM 4410 and CHM 4411); inorganic chemistry (CHM 4610); biochemistry (BCH 3023C or BCH 4053); as well as one or more of the following electives for at least three credit hours: Advanced Analytical Chemistry (CHM 4130), Environmental Chemistry I (CHM 4080), Directed Individual Study (CHM 4905r), or Honors Research (CHM 4906r). Mathematics through calculus I; a two-semester sequence in physics, either with or without the use of calculus; and Science, Technology and Society (FSU-Teach Program must also complete a Science Teaching major; for more information, see the FSU-Teach Web site at http://FSU-Teach.fsu.edu.)
Policy on Reduced Credit

Students may* 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>Semester Hours Awarded for Each Course:</th>
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</thead>
<tbody>
<tr>
<td>CHM 1020 only</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1032 only</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1045 only</td>
<td>3</td>
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<tr>
<td>CHM 1020, then 1032</td>
<td>2</td>
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<tr>
<td>CHM 1020, then 1045</td>
<td>2</td>
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<tr>
<td>CHM 1032, then 1045</td>
<td>2</td>
</tr>
</tbody>
</table>

* Students seeking admission to professional programs such as medicine or pharmacy should not take courses for reduced credit.

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

ISC—Interdisciplinary Sciences

PSC—Physical Sciences

SCE—Science Education

Undergraduate Courses

General Chemistry

CHM 1020. Chemistry for Liberal Studies (3). This course introduces basic chemical principles without an extensive use of mathematics and illustrates applications in health, energy, and the environment. This course strives to show chemistry as a human endeavor that provides insights into the natural world and informs our decisions as citizens and consumers. Specific topics vary by semester. Designed as a course for students who wish to fulfill the liberal studies science requirement with chemistry and will take no further chemistry courses, not as a preparatory course for CHM 1045. Credit is 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. This laboratory emphasizes major topics from CHM 1020 relating chemistry concepts and techniques to everyday life experiences. This laboratory-based course meets two hours a week. No credit allowed after taking CHM 1045.

CHM 1032. Survey of General Chemistry (3). Prerequisite: MAC 1105. Lecture, three hours; recitation, one hour. This lecture-based course is the first course in general chemistry for students in nursing, nutrition and fitness, and other areas requiring a short course leading to CHM 2200. Students taking CHM 1032 after taking CHM 1020 may register for reduced credit; see Policy on Reduced Credit.

CHM 1045. General Chemistry I (3). Prerequisite: MAC 1105 with a grade of “C-” or better or placement beyond MAC 1105. Lecture, three hours; recitation, one hour. This course includes topics such as chemical symbols, formulas, and equations; states of matter; reactivity in aqueous solution; electronic structure, bonding, and molecular geometry. Students taking CHM 1045 after taking CHM 1020 or CHM 1032 may register for reduced credit, as indicated in the department’s policy on reduced credit.

CHM 1045L. General Chemistry I Laboratory (1). Corequisite: CHM 1045. This laboratory offers an introduction to quantitative techniques and to the chemical laboratory. Topics include stoichiometry, atomic spectra, gases, as well as acids and bases. Safety goggles and a scientific calculator are required for every class. Lab meets three hours a week.

CHM 1046. General Chemistry II (3). Prerequisites: CHM 1045 and 1045L or CHM 1050 and 1050L (all with a grade of “C-” or better). Corequisite: CHM 1046L. Lecture, three hours; recitation, one hour. This course includes topics such as intermolecular forces, chemical kinetics, equilibrium, acids and bases, elementary thermodynamics, and electrochemistry.

CHM 1046L. General Chemistry II Laboratory (1). Corequisite: CHM 1046. This laboratory is a continuation to the introduction of quantitative techniques. Topics include solution equilibria, acid-base chemistry, as well as oxidation, reduction, and electrochemical cells. Safety goggles and a scientific calculator are required for every class. Lab meets three hours a week.

CHM 1050. Honors General Chemistry I (3). Prerequisites: MAC 1105 and high school chemistry. Corequisite: CHM 1050L. Lecture. This course is a first general chemistry course for honors students. Topics include kinetic theory, atomic theory of matter, atomic structure and the periodic chart, condensed phases, introductory chemical bonding.

CHM 1050L. Honors General Chemistry I Laboratory (1). Corequisite: CHM 1050. Laboratory, three hours. This laboratory is an introduction to quantitative techniques and chemical laboratory. Topics include stoichiometry, atomic spectra, gases, and acids and bases. Safety goggles and scientific calculator are required for every laboratory.

CHM 1051. Honors General Chemistry II (3). Prerequisites: CHM 1050 and 1050L or CHM 1045 and 1045L with instructor permission. Corequisite: CHM 1051L. Lecture. This course is a continuation of general chemistry for honors students. Topics include solution equilibria; acid-base chemistry; oxidation, reduction, and electrochemical cells; chemical analysis; hydrides and oxides of the elements; kinetics; advanced bonding and structure.

CHM 1051L. Honors General Chemistry II Laboratory (2). Corequisite: CHM 1051. Laboratory conference, one hour; laboratory, five hours. This laboratory is an opportunity for research-based special projects. Safety goggles and scientific calculator are required for every laboratory.

CHM 3390r. Special Topics in Chemistry (1–3). May be repeated to a maximum of three semester hours.

CHM 4090L. Science Glassblowing (1). Laboratory, one hour. Restricted to advanced science majors. This course is laboratory instruction of fundamental glassblowing techniques of greatest utility to the experimental scientist who may require custom glassware.

CHM 4905r. Directed Individual Study (3). Prerequisites: Upper class standing and “B” average in chemistry courses. May be repeated to a maximum of eighteen semester hours.

CHM 4906r. Honors Work (1–6). This course is for Honors in the Major work only. May be repeated to a maximum of nine hours.

ISC 3076. Science, Technology, and Society (3). Prerequisite: Junior standing or instructor permission. This course examines interrelations among science, technology, and society. Science is considered as an enterprise in modern society that produces technological advances and new perspectives on reality. This course cannot be used as credit toward a major or a minor in a science department.

PSC 2801C. Physical Science for EC/EE Teachers (4). This course is designed for prospective elementary and early childhood education majors. The course integrates physics and chemistry. The course includes laboratory exercises. Students will work in groups in a hands-on, minds-on approach to learning physical science.

SCE 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1). This course includes presentations of contemporary and interesting issues in science, mathematics, or teaching methods. Content varies from semester to semester. May be repeated to a maximum of four semester hours.

Analytical Chemistry

CHM 3120. Analytical Chemistry I (3). Prerequisite: A grade of “C-” or better in CHM 1046 and CHM 1046L. Lecture three hours per week. This first course in analytical chemistry covers statistical analysis of analytical data, acid-base equilibria, acid-base titrations, electrochemistry, analytical separations, as well as atomic and molecular optical spectroscopy.

CHM 3120L. Analytical Chemistry I Laboratory (1). Corequisite: CHM 3120. This course is the laboratory portion of Analytical Chemistry I. Experiments include: potentiometric titration, spectrophotometry, spectrophotometric determination of pH, spectrophotometric determination of iron in drinking water, lithium by flame emission, fluoride ion-selective electrodes, copper in metal alloys by liquid-liquid extraction, and quantitative analysis of hydrocarbons by gas chromatography.

CHM 4080. Environmental Chemistry I (3). Prerequisites: CHM 1046, CHM 1046L, CHM 3120, and CHM 3120L. This course provides an introduction to the geochemistry of natural waters and sediments. It offers an overview of the processes that control the biochemical cycling of organic carbon in these systems, and the impact of naturally-occurring organic carbon on environmental and ecological processes. Attention is also devoted to anthropogenic (xenobiotic) organic molecules. It also discusses how analytical techniques such as 1H and 13C NMR, mass spectroscopy, and capillary electrophoresis provide useful organic biogeochemical information.

CHM 4130. Advanced Analytical Chemistry (3). Prerequisites: CHM 3120 and CHM 3120L with a grade of “C-” or better, as well as PHY 2048C or PHY 2053C. Corequisite: CHM 4410. This course covers data analysis, laboratory computers, atomic and molecular optical spectroscopy, nuclear-magnetic resonance spectroscopy, chromatography and electrophoresis, electrochemistry, and mass spectrometry.

CHM 4130L. Advanced Analytical Chemistry Laboratory (1). Corequisite: CHM 4130. This course is the laboratory portion of CHM 4130, Advanced Analytical Chemistry. Experiments include: signal enhancement by liquid chromatography (HPCL) simulations, Raman spectroscopy, solvent extraction and gas chromatography, as well as TLC determination of anaglycosides.
Biochemistry

BCH 2032C. Introduction to Biochemistry (3). Prerequisite: CHM 2200. Lecture, two hours; laboratory, three hours, alternating with one hour recitation. This course is a survey of modern biochemistry with special emphasis on those concepts that might be of use to nutrition and food scientists.

BCH 4053. General Biochemistry I (3). Prerequisite: CHM 2210. Corequisite: CHM 2211. This course is the first course required for biochemistry majors; it is also recommended for other majors who intend to study advanced biochemistry. Topics include the structure and function of proteins, nucleic acids, membranes, and other cellular constituents; enzyme catalysis; bioenergetics; and as well as carbohydrate metabolism and oxidative phosphorylation. This lecture-based course meets three hours a week.

BCH 4053L. General Biochemistry I Laboratory (3). Corequisite: BCH 4053. Laboratory conference, one hour; laboratory, six hours. This lab explores laboratory methods in biochemistry including electronophoresis, chromatography, cell fractionation, enzyme assays, ligand interactions, and recombinant DNA technology.

BCH 4054. General Biochemistry II (3). Prerequisite: BCH 4053. This course is the second course required for biochemistry majors; it is also recommended for other majors who intend to study advanced biochemistry. Topics include intermediary metabolism as well as the structure and expression of genetic information. This lecture-based course meets three hours a week.

BCH 4624. Human Biochemistry (4). Prerequisites: CHM 2211 or consent of instructor. This course is intended for pre-professional students who are not majoring in biochemistry; it covers the main concepts of biochemistry at a level below that of BCH 4053/4 but presents them at an accelerated pace. Topics include molecular structure, bioenergetics, enzymology and enzyme regulation, metabolism, as well as gene expression and regulation. This lecture-based course meets four hours a week.

Inorganic Chemistry

CHM 4610. Inorganic Chemistry (3). Prerequisites: CHM 2211 and CHM 2211L. Lecture, three hours. Corequisite: CHM 4410 or instructor permission. This course explores physical principles, systems, and the chemistry of periodic groups, descriptive chemistry of the inorganic elements. Topics include atomic structure and the periodic classification of elements, chemical bonding, reactivity, and coordination chemistry of the transition metal elements.

CHM 4610L. Inorganic Chemistry Laboratory (1). Prerequisite: CHM 4610. Laboratory conference, one hour; laboratory, three hours. This lab covers synthesis and characterization of inorganic compounds.

Organic Chemistry

CHM 2200. Survey of Organic Chemistry (3). Prerequisite: CHM 1032 or CHM 1045 and 1045L and CHM 1046 and 1046L. Lecture, three hours; recitation, one hour. This is 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 2200L. Survey of Organic Chemistry Laboratory (1). Corequisite: CHM 2200. Laboratory, four hours.

CHM 2210. Organic Chemistry I (3). Prerequisite: CHM 1046 and CHM 1046L with a grade of “C–” or better. Students who complete CHM 1045 or CHM 1050 with a grade of “B” or better and have instructor permission may take this course simultaneously with either CHM 1046 or 1051. Lecture, three hours; recitation, one hour. This course is the first in a sequence of courses for chemistry majors, premedicine students, biologists, or any other majors requiring a good background in organic chemistry, this course covers the fundamentals of structure and chemical behavior of organic molecules. This lecture-based course meets three hours a week.

CHM 2211. Organic Chemistry II (3). Prerequisite: CHM 2210 with a grade of “C–” or better or instructor permission. Lecture, three hours; recitation, one hour.

CHM 2211L. Organic Chemistry II Laboratory (3). Prerequisite: CHM 2210 with a grade of “C–” or better. Corequisite: CHM 2211. Laboratory conference, one hour; laboratory, seven hours.

Physical Chemistry

CHM 3400. General Physical Chemistry (4). Prerequisites: CHM 1046, CHM 1046L, and MAC 2311. Lecture, three hours; recitation, one hour. This course focuses on an elementary treatment of general physical chemistry, including thermodynamics, equilibrium, electro motive force, kinetics, atomic structure, and an introduction to quantum theory. For the chemical science major and interested nonmajors.

CHM 4410. Physical Chemistry I (3). Prerequisites: CHM 1045 and CHM 1045L or instructor permission; MAC 2312; MAC 2313 recommended. Corequisite: PHY 2049C. This course covers thermodynamics, kinetic theory of gases, reaction kinetics, as well as introduction to quantum mechanics and statistical mechanics. This lecture-based course meets three hours a week.

CHM 4411. Physical Chemistry II (3). Prerequisites: CHM 1045 and CHM 1045L or instructor permission; MAC 2312; MAC 2313 recommended. Corequisite: PHY 2049C. This course covers thermodynamics, kinetic theory of gases, reaction kinetics, as well as introduction to quantum mechanics and statistical mechanics. This lecture-based course meets three hours a week.

CHM 4410L. Physicochemical Measurements and Techniques I (1). Corequisite: CHM 4410 Laboratory, three hours. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

CHM 4411L. Physicochemical Measurements and Techniques II (2). Prerequisite: CHM 4410L. Laboratory, six hours. Corequisite: CHM 4411. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

Graduate Courses

Analytical Chemistry

CHM 5086. Environmental Chemistry I (3).
CHM 5087. Environmental Chemistry II (3).
CHM 5138. Mass Spectrometry (3).
CHM 5140. Introduction to Chemical Instrumentation (3).
CHM 5151. Optical Methods of Chemical Analysis (3).
CHM 5153. Electrochemistry (3).
CHM 5154. Chemical Separations (3).
CHM 5180r. Special Topics in Analytical Chemistry (1–3).
CHM 5454. Polymer Characterization (3).
CHM 6190r. Analytical Chemistry Seminar (1).
CHM 6191r. Analytical Chemistry Seminar (1). (S/U grade only.)

Biochemistry

BCH 5405. Molecular Biology (3).
BCH 5505. Structure and Function of Enzymes (3).
BCH 5745. Chemical and Physical Characterization of Biopolymers (3).
BCH 5884. Programming for Chemists and Biochemists (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.)

Materials Chemistry

CHM 5306. Physical Chemistry and Macromolecules I (3).
CHM 5307. Physical Chemistry and Macromolecules II (3).

Physical Chemistry

CHM 5442. Kinetics and Mechanisms (3).
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.)

Materials Chemistry

CHM 5715. Topics in Materials Chemistry I (1).
CHM 5716r. Characterization of Materials I (1).
CHM 5717r. Characterization of Materials II (1).
CHM 5718r. Topics in Materials Chemistry II (1).
CHM 6936. Materials Chemistry Seminar I (1). (S/U grade only.)
CHM 6937. Materials Chemistry Seminar II (1).

Physical 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.)
Multiple Area Courses

CHM 5823r. Supervised Research (1–5). (S/U grade only.)
CHM 5830r. Directed Individual Study (1–6).
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 coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

CHILD DEVELOPMENT:
see Family and Child Sciences

CHILDHOOD EDUCATION:
see Childhood Education, Reading, and Disability Services

CHINESE:
see Asian Studies; Modern Languages and Linguistics

Department of
CIVIL AND ENVIRONMENTAL ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Web Page: http://www.eng.fsu.edu/cee/

Chair: Kamal S. Tawfiq; Professors: Chen, Huang, Moses, Ping, Spainhour, Tawfiq, Wekezer; Associate Professors: AbdelRazig, Abichou, Chan Hilton, Mtega, Sobanjo; Assistant Professors: Rambo-Roddenberry, Watts, Jung, Clark; Associate in Civil Engineering: Adalier; Assistant in Civil Engineering: Ahmad, Pamuk

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 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 work projects funded by federal, state, and municipal governments, as well as those projects undertaken by the private sector. As a structural engineer, you might analyze and design structures out of steel, concrete, aluminum, timber, plastic, and other new materials that are able to support required loads and withstand natural disasters. An environmental engineer, with a background in either physical, chemical, or biological 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 prevention, wastewater treatment, and water front erosion protection. As a professional in transportation engineering, your purpose is to move people and things in a safe and efficient manner locally and through mass transportation systems. Transportation facilities include highways, airfields, railroads, and seaports.

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, LBR, 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. Other nearby resources include the Department of Scientific Computing. 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) in civil engineering which is accredited by ABET, Inc., 111 Market Place, Suite 1050, Baltimore, MD, 21202-4012, phone (410) 347-7700. The civil engineering major is broad-based, emphasizing all aspects of civil engineering practice, including structural geotechnical, construction, transportation, hy-
The department offers graduate programs leading to the Master of Science (MS) and Doctor of Philosophy (PhD) degrees in civil engineering. Within the MS program, the Master of Engineering (MEng) option is available. These programs provide areas of concentration in structural, geotechnical, environmental, water resources, and other specialties.

In order to be admitted to the Master of Science (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. For the MEng option, evidence of passing the NCEES Fundamentals of Engineering (FE) or Principles and Practice of Engineering (PE) exam or holding PE licensure may be used in lieu of the GRE. 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. If the institution basic and applied research, in order 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 under-represented groups in the profession.

Program Educational Objectives

Consistent with the mission and goals of the FAMU-FSU College of Engineering and based upon the input and needs of its constituents, the Civil Engineering Program will produce graduates who will achieve the following program educational objectives several years after graduation. Graduates will:

1. Progress in successful professional careers in civil engineering and related engineering fields and/or enroll in studies at the graduate level;
2. Engage in problem solving and the application of engineering principles to address the needs of society and to practice effective management, communication, and leadership skills;
3. Demonstrate a commitment to lifelong learning to respond to the rapid pace of change in civil and environmental engineering by becoming professionally licensed and by participating in professional society activities;
4. Contribute to workforce diversity as members and leaders of multidisciplinary teams.

Program Learning Outcomes

By the time students graduate from the Civil Engineering program, they should attain the following outcomes:

1. An ability to apply knowledge of mathematics through differential equations, science (including calculus-based physics, general chemistry, and one additional area of science), and engineering;
2. An ability to design and conduct civil engineering experiments, as well as to analyze and interpret the resulting data;
3. An ability to design systems, components, or processes in more than one civil engineering context to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
4. An ability to function on multidisciplinary teams;
5. An ability to identify, formulate, and solve civil engineering problems;
6. An understanding of professional and ethical responsibility, and an ability to explain basic concepts in management, business, public policy, and leadership as well as the importance of professional licensure;
7. An ability to communicate effectively;
8. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
9. A recognition of the need for and ability to engage in lifelong learning;
10. A knowledge of contemporary issues;
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
12. An ability to apply knowledge of four technical areas appropriate to civil engineering.

Engineeering Design

Following engineering design criteria established by the Accreditation Board for Engineering and Technology (ABET), the civil engineering curriculum provides excellent design experiences for students. The faculty of the Department of Civil and Environmental Engineering has carefully integrated design components into the curriculum with increased complexity as students progress toward graduation. These design components offer opportunities for students to work individually and in teams on meaningful engineering design experiences building upon the fundamental concepts of mathematics, basic sciences, humanities, social sciences, engineering topics, and oral and written communication skills. Design components in engineering coursework help students develop an appreciation for and apply the knowledge of the wide variety of courses they have studied. Consequently, they participate in meaningful solutions and effective design development for practical engineering problems.

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 a series of technical and design courses in specific areas of water and wastewater treatment, remediation, hydrology, and hydraulics. CGN 4800 Pre-Senior Design and Professional Issues, and CGN 4802 Civil Engineering Senior Design Project, provide significant, culminating design experiences that are applied to one or two actual engineering situations for students 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 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 civil and environmental engineering satisfy this requirement by earning a grade of “C-” or higher in EGN 2212.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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. At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.xct.org/Florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. MAC X311 or MAC X281
2. MAC X312 or MAC X282
5. MAC X313 or MAC X283
4. MAP X302 or MAP X305
5. CHM X045/X045L or CHM X045C, or CHS X440 and CHM X045L
6. PHY X048/X048L or PHY X048C, or PHY X043 and PHY X045L
7. PHY X049/X049L or PHY X049C, or PHY X044 and PHY X049L

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>
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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CCE 3101</td>
<td>Construction Materials (3)</td>
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<tr>
<td>CCE 3101L</td>
<td>Construction Materials Laboratory (1)</td>
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<tr>
<td>CEG 2202C</td>
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<td>EGN 2123</td>
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<td>EGN 3331L</td>
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<td>EGN 3613</td>
<td>Principles of Engineering Economy (2)</td>
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<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering (3)</td>
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<tr>
<td>EML 3100</td>
<td>Thermodynamics (2)</td>
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Note: An additional three-credit hour science elective course is required to allow students to develop increased breadth in the basic sciences, while completing existing curricular requirements. Students should select one course from the following group.

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<td>OCE 4008</td>
<td>Principles of Oceanography (3)</td>
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Civil Engineering Science and Design Core Courses

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<td>TTE 3004</td>
<td>Transportation Engineering (3)</td>
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Civil Engineering Science and Design Courses

Students must take the following courses in five areas plus one additional Technical Elective* for a total of twenty-one credit hours. To meet the requirement, students may select elective courses (as indicated below) to specialize their degree program to suit their individual objectives.

1. **Structures**
   - CES 4605 Steel Design (3)
   - CES 4702 Concrete Design (3)

2. **Geotechnical**
   - CEG 4801 Geotechnical Design (3)

3. **Construction**
   - CCE 4004 Construction Engineering (3)

4. **Transportation**
   - TTE 4XXX Transportation elective (3)

5. **Environmental/Water Resources**
   - ENV 4001 Environmental Engineering (3)
     OR
   - CWR 4XXX Hydraulics, Hydrology, or Water Resources elective (3)

**Additional Technical Elective***

Elective 4XXX (3)

Note: *Technical 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

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<td>Pre-senior Design and Professional Issues (2)</td>
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<tr>
<td>CGN 4802</td>
<td>Senior Design Project (3)</td>
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</tbody>
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Requirements for the Bachelor of Science in Civil Engineering: Environmental Engineering Major

In addition to college requirements, a candidate for the Bachelor of Science (BS) degree in civil engineering with a major in environmental engineering will be expected to successfully complete the following course requirements.

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Environmental Engineering Science and Design Courses

Students are required to take the following courses in four areas plus one additional Technical Elective* for a total of twenty-one credit hours. To meet the requirement, students may select elective courses (as indicated below) to specialize their degree program to suit their individual objectives.

1. **Environmental**
   - ENV 4500 Environmental Unit Processes and Operations (3)
   OR
   - ENV 4561 Design of Water Quality Management Facilities (3)
   - ENV 4XXX Environmental Engineering elective (3)

2. **Water Resources**
   - CWR 4101 Engineering Hydrology (3)
   OR
   - CWR 4202 Hydraulic Engineering (3)
   OR
   - CWR 4120 Groundwater Hydrology (3)
   - CWR 4XXX 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 Elective*
   Elective 4XXX (3)

Note: *Technical 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 (2)
   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 [3]) 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. Pre-Engineering students 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.

Course Repeat Policy

Criteria

A student in the Department of Civil and Environmental Engineering will be placed on probationary status if the student falls into any of the following situations:
1. Accrues two grades below "C" in a single engineering course that is required in the curriculum, or in MAC 2313/3313, MAP 3305/2302, or PHY 2049/3049.
2. Accrues a total of three grades below "C" in engineering courses that are required in the curriculum, MAC 2313/3313, MAP 3305/2302, and PHY 2049/3049.
3. Has an overall GPA below 2.0

Consequences

A student on probationary status will have their major changed administratively to Pre-Engineering.

Reinstatement

To be reinstated in the program, the student has one semester to raise his/her GPA above 2.0 and achieve a grade of "C" or better in all applicable courses. Permission to enroll in other civil and environmental engineering courses during the probationary semester will only be granted after consultation with an academic adviser. No more than one reinstatement is permitted.

Dismissal

There are two causes for dismissal from the CEE program:
1. If a student is on probation and does not, during the probationary semester, raise his/her GPA above 2.0 and/or achieve a grade of "C" or better in the math, science, or engineering course(s) that was (were) cause for probation or in any other math, science, or engineering course taken during the probationary semester, the student is permanently dismissed from and will not be reinstated in the CEE program.
2. If a student who has been reinstated to the program falls below an overall GPA of 2.0 and/or fails to achieve a grade of "C" or better in any math, science, or engineering course, then the student will be permanently dismissed from and will not be reinstated in the CEE program.

Fundamentals of Engineering Exam

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 a grade of "C" or better is earned in the following three courses, 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
- CGN 4800  Pre-Senior Design and Professional Issues
- CGN 4802  Senior Design Project

Honors in the Major

The Department of Civil and Environmental Engineering offers Honors in the Major to encourage students to undertake independent and original research to enhance their undergraduate experience. For requirements and more information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Environmental Engineering Science

A minor in environmental engineering science requires a minimum of twelve semester hours of coursework in environmental engineering, including EES 3040 and ENV 4001 plus six additional hours in courses with prefixes EES or ENV at the 3000 level or above, with no more than one of the following courses counting towards the minor: ENV 4341, ENV 4611. Students must consult with the department and obtain written approval before taking courses towards the minor. Students also must satisfy prerequisites before enrolling in any environmental engineering course. Grades of "C" or better must be earned in each course accepted for minor credit. If an environmental engineering science minor is combined with a civil engineering major, EES 3040, and one other course, up to six credits total may count toward both the major and the minor.

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
EGM—Engineering Science
EGN—Engineering: General
ENV—Engineering: Environmental
TTE—Transportation Engineering

Undergraduate Courses

CCE 3101. Construction Materials (3). Prerequisite: EGN 3331. This course covers properties and characteristics of construction materials for civil and highway engineering—metals, aggregates, cements, timber, concrete, and asphalt.
CCE 3101L. Construction Materials Laboratory (1). Corequisite: CCE 3101. This course allows students to prepare concrete and asphalt specimens; test construction materials under compression, tension, torsion loading; and write formal laboratory reports.
CCE 4004. Construction Engineering (3). Prerequisites: CCE 3101 and EGN 3613. This course covers theories, principles, and applications of construction engineering and management. Emphasis is placed on construction preplanning, delivery systems, contracts and bidding, estimation, scheduling, project control, and professional issues.
CCE 4014. Construction Cost Estimating (3). Prerequisites: CCE 3101 and EGN 3613. Corequisite: CCE 4004. This course covers construction contracts, organization and cost accounting systems; preliminary cost estimation, and cost indices; estimating material, labor, and equipment costs; construction bidding practices, and bid proposals; and project budgeting and cost systems.
CCE 4031. Construction Planning and Scheduling (3). Corequisite: CCE 4004. This course includes topics such as: planning, basic arrow diagramming, basic precedence diagramming, establishing activity duration, scheduling computations, bar charts, project controls, overlapping networks, resource leveling, and program evaluation review technique (PERT).
CEG 2202C. Introduction to Geomatics Engineering (4). Prerequisites: EGN 2123 and MAC 1114. This course explores methods and procedures of surface mapping and subsurface sectioning including distance measurements, traverse computations and topographic mapping, and Global Positioning Systems. Use of field equipment and procedures to measure distances, elevations, angles, and perform complete surveys. Computer Aided Design (CAD) Laboratory for basic engineering drafting.
CEG 3011. Soil Mechanics (3). Prerequisites: CEG 2202C. Corequisite: EGN 3331. This course covers physical, index, hydraulic and mechanical properties of soils. Topics include classification, stress-strain relations, permeability and seepage, consolidation settlement, and shear strength of soil.

CEG 3011L. Soil Mechanics Laboratory (1). Prerequisite: CEG 3011. This course helps students determine physical, index, hydraulic and mechanical soil properties using laboratory and field testing techniques.

CEG 4111. Environmental Geotextiles (3). Prerequisite: MAC 2311. This course covers the design of spread footing, pile and caisson foundations, as well as retaining and water-transport structures. The course offers an investigation of slope stability and a choice between alternative methods of foundation design.

CEG 4701. Environmental Geotechnics (3). Prerequisite: CEG 3011. This course covers the geotechnical aspects of waste containment and storage. Aspects of design, construction, and performance of earthen structures for storing or disposing waste remediation contaminated sites.

CEG 4801. Geotechnical Design (3). Prerequisites: CEG 3011, 3011L, and EGN 3331. This course covers geotechnical investigation, analysis, and design of different geotechnical structures, including earth retaining structures, slopes and embankments, earthworks with geosynthetic materials, and foundations. CE and ESE requirements.

CSE 3100. Structural Analysis (4). Prerequisites: EGM 3512. Corequisites: EGN 2212 and EGN 3331. This course covers loads, load paths, as well as advanced topics on shear and bending moment, including frames and superposition. Additional topics include influence lines, deflection of determinate structures, as well as indeterminate analysis methods including flexibility, slope-deflection, moment distribution, and stiffness methods.

CSE 4101. Advanced Structural Analysis (3). Prerequisites: CSE 3100 and EGN 3331. This course covers matrix algebra review, direct stiffness method for truss analysis, computer applications, statically indeterminate structures, slope-deflection and moment distribution methods as well as computer modeling and analysis of structures using commercial FE codes.

CSE 4605. Steel Design (3). Prerequisites: CSE 3100 and EGN 3331. This course covers the design of tension, compression, and flexural steel members. The course also covers the design of bolted and welded connections for steel members, according to AISC specifications.

CSE 4702. Concrete Design (3). Prerequisites: CSE 3100 and EGN 3331. This course covers design of reinforced concrete structures using the current ACI specifications and building codes. Topics include flexural design of reinforced concrete beams, flanged beams, and one-way slabs. The course also presents column design, shear reinforcement design, bond, anchorage, and control of deflections and cracks.

CSE 4711. Prestressed Concrete (3). Prerequisites: CSE 3100 and EGN 3331. This course covers the behavior and design of prestressed concrete structures. Topics include the design of prestressed concrete beams for flexure and shear, design of slabs, prestressing losses, serviceability of prestressed concrete members, and precast members.

CSE 4800. Timber Design (3). Prerequisites: CSE 3100 and EGN 3331. This course covers the design of basic timber structures including beams, columns, walls, and doorframes – all using NDS specifications.

CSE 4830. Masonry Design (3). Prerequisites: CSE 3100, EGN 3331. This course covers the design of basic reinforced masonry structures including walls, columns, and foundations. SPC and code applications are used.

CGN 2237L. Civil Engineering Graphic Lab (1). Prerequisite: EGM 2123. This course is the first section of Geotechnical Engineers’ Cooperative, providing hands-on experience in utilizing the latest version of AutoCAD and MicroStation for technical drafting of typical projects of civil and environmental engineering.

CGN 3050L. Civil Engineering Materials Laboratory (1). Prerequisite: CEG 2202C and EGN 3311. Corequisite: CEG 3011 or CEE 3101. This course is a study of the principal construction materials used in civil engineering practices with special attention to measured mechanical properties and their importance to the civil engineer. Hands-on laboratory work is used.

CGN 3490r. Cooperative Work Experience (0). (S/U grade only). This non-credit course offers field-work experience in an approved civil-engineering agency program for integration of theory and professional practice.

CGN 4800. Pre-senior Design and Professional Issues (2). Corequisites: CGN 2327L and senior standing. This course covers the following topics: engineering and professional ethics; professional practice issues relevant to the design and construction of engineering projects; project planning and scheduling; design under engineering and social constraints; role of computer software in the design, data recording, and written communication issues. Inter- or multidisciplinary teams prepare formal proposals addressing engineering challenges; the full design of these proposals is completed during the following semester in the CGN 4802, Senior Design Project course.

CGN 4802. Senior Design Project (3). Prerequisites: CGN 4800, CGN 2327L or equivalent, and senior standing. As part of the required core courses, completion of at least one 4000-level course in each proficieny area, or instructor permission. This course is a capstone senior-level design course integrating the knowledge and skills gained in undergraduate studies in civil and environmental engineering. The course involves the completion of a hires-based, multidisciplinary design project covering several sub-disciplines in civil or environmental engineering. Industry and professional participation.

CGN 4906r. Honors Work in Civil and Environmental Engineering (1–6). Prerequisite: Admission to the honors program. This course is for faculty-directed independent research conducted by students in the honors program. Research is conducted on a topic agreed upon by the student and a faculty mentor relevant to civil and/or environmental engineering. Variable credit is given consistent with the nature and scope of the research project to be conducted. May be repeated to a maximum of nine semester hours.

CGN 4930r. Special Topics (1–3). This course covers topics in civil and environmental engineering, with an emphasis on recent developments. Topics and credit may vary. May be repeated to a maximum of twelve semester hours. May be repeated within the same term.

CWR 3201. Hydraulics (3). Prerequisites: EGM 3512, EGN 2212, and MAP 3305. This course covers fundamental concepts of fluid properties, hydrostatics, kinematics, ideal flow, viscous effects, transport phenomena; drag, laminar, and turbulent flow in pipes and conduits; and other analytical methods.

CWR 4101. Engineering Hydrology (3). Prerequisites: CWR 3201, CWR 3210L, and EGN 3305. This course engages students in hydraulics experiments and demonstrations, followed by formal technical reports in which students report the experimental results.

CWR 4110. Groundwater Hydrology (3). Prerequisites: CWR 3201 and EES 3040. This course examines the fundamentals of groundwater flow and contaminant transport. Topics include hydrogeology of shallow and confined aquifers, groundwater storage properties, 3-D equation of groundwater flow, regional circulation, unsaturated flow, recharge, stream-aquifer interaction, well hydraulics, slug test analyses, and contaminant transport processes.

CWR 4202. Hydraulic Engineering I (3). Prerequisites: CWR 3201, CWR 3201L, and EGN 2212 or their equivalents. This course covers principles of hydraulics and hydraulics as they apply to the design of water supply, urban drainage, flood control, and hydraulic energy-conversion systems. Students use computer-aided design to devise hydraulics systems.

CWR 4203. Hydraulic Engineering II (3). Prerequisite: CWR 4202. This course covers methods for the steady and unsteady flow conditions and for designing facilities to cope with resulting problems. Based on these methods, students learn to apply computer programs to practical water distribution and open-channel systems.

CWR 4540. Water Resources Engineering (3). Prerequisites: CWR 4101 or CWR 4202 and CWR 2212. This course offers a systems approach to complex water resources problems. Topics include drainage, water supply, water quality, water pollution, and interbasin transfers.

CWR 4822. Coastal and Estuarine Hydraulics (3). Prerequisites: CWR 3201 and MAC 2313. This course covers coastal hydraulic principles and waves in estuaries and coastal oceans, wave properties and wave forces on coastal structures, tidal motions, mixing and transport in estuaries, and coastal engineering problems.

EES 3040. Introduction to Environmental Engineering (3). Prerequisites: CHM 1045, CHM 1045L, MAC 2313, and MAC 2313L. This course is a broad introduction to environmental engineering topics. Includes fundamental concepts in mass balance, water quality, water and wastewater treatment, air quality, and solid/hazardous waste management, with considerations to environmental and societal impacts, as well as technical limitations. This course serves as the foundation for all other environmental engineering courses.

EES 3040L. Introduction to Environmental Engineering Science Laboratory (1). Prerequisites: CHM 1045 and CHM 1045L. Corequisite: EES 3040. This course covers the use of field and laboratory instruments for measuring air and water quality indicators including six topics.

EGM 3512. Engineering Mechanics (4). Prerequisites: MAC 2312 and PHY 2048. This course covers statics and dynamics of particles and rigid bodies. Topics include free-body diagrams, couples, resultant, equilibrium of particles and rigid bodies in two and three dimensions, and forces in trusses, frames, and machines. Other topics include centrifugal force, and forces and moments on beams, shear and moment diagrams, friction, area moments of inertia, parallel axis theorem, work/energy, as well as impulse and momentum methods.

EGN 2212. Engineering Statistics & Computation (3). Prerequisite: MAC 2311. This course covers engineering problem formulation, algorithm development and programing, numerical and computational-error assessment, as well as application of statistical and numerical modeling tools for data analysis. Matlab software is used.

EGN 3331. Strength of Materials (3). Prerequisite: EGM 3512. This course covers axial, torsional, and flexural stresses and strains, as well as normal and shear stress. Topics include Mohr’s circle, transformation of stress, safety factors, and engineering applications.

EGN 3331L. Strength of Materials Laboratory (1). Prerequisite: EGM 3512. Corequisite: EGN 3331. This lab covers column buckling experiments as well as the use of non-destructive techniques to determine strains and stresses in tensile members, flexural members, and thin-walled vessels.

ENV 4010. Environmental Engineering (3). Prerequisites: CHM 1045, CWR 3201, EES 3040, and EES 3040L. This course covers the design of water and wastewater treatment plants as well as water, air, and wastewater pollution control, as well as solid waste management and contemporary environmental issues.

ENV 4022. Remediation Engineering (3). Prerequisite: ENV 4001 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, as well as hydraulic and pneumatic fracturing pump-and-treat systems.

ENV 4031. Applied Environmental Engineering Microbiology (3). Prerequisite: ENV 4001 or equivalent. This course surveys environmentally important microbes and their roles in the environmental restoration processes. Major topics include basics of microbiology, stoichiometry and bacterial energetics; bioremediation and other environmental microbiology applications; as well as detoxification of hazardous chemicals.
ENV 4941. Environmental Systems Analysis (3). Prerequisites: EES 3040, EES 3040L, and MAP 3305. This course covers systems analysis techniques applied to the solution of environmental problems, with particular emphasis on linear and dynamic programming.

ENV 4953. Chemical Fate and Transport in the Environment (3). Prerequisites: CWR 3201 or equivalent, EES 3040, and MAP 3305. This course covers the processes of pollutant transport and transformation in and between air, water, and soil or sediments. Topics include advection, dispersion, diffusion, sorption, degradation, and phase-change processes.

ENV 4931. Solid and Hazardous Waste Engineering (3). Prerequisites: EES 3040, EES 3040L. This course covers definitions and characteristics of solid and hazardous wastes. Topics include history, growth, and magnitude of the problem; legislative, regulatory, and technical aspects of waste generation, storage, collection, transportation, processing, transformation, and disposal; design of waste minimization and recycling programs; and case studies of waste management.

ENV 4405. Water Reuse Engineering (3). Prerequisites: CHM 1045, CHM 1045L, and EES 3040. This course covers sources of water for reuse, treatment processes and systems, monitoring and control instrumentation, health and social aspects, and design of facilities/systems.

ENV 4417C. Applied Environmental Engineering Chemistry (3). Prerequisites: EES 3040 and 3040L. Corequisite: ENV 4001. This course covers applications of fundamental principles from general, organic and biological chemistry, to major environmental engineering processes. Emphasis is placed on the chemistry of water treatment.

ENV 4500. Environmental Unit Processes and Operations (3). Prerequisite: CWR 3201. Corequisite: ENV 4001. This course covers the operational and design features of the physical, chemical, thermal, and biological treatments used in engineering for water and wastewater treatment and the management of solid and hazardous waste.

ENV 4561. Design of Water Quality Management Facilities (3). Prerequisites: CWR 3201 and ENV 4601. This course covers analysis of operations, processes, and systems used in the design of facilities for maintaining water supply quality, wastewater control, and aquatic pollution control. Design of small and decentralized wastewater management systems.

ENV 4611. Environmental Impact Analysis (3). Prerequisites: EES 3040 and EES 3040L. This course covers topics such as analysis of various measures of environmental quality, impact of human activity on water, land, and air resources, and benefit-cost analysis in environmental-impact assessment.

TTE 3004. Transportation Engineering (3). Prerequisites: CEG 2202C, EGN 2212, and junior standing. This course is an introductory study of transportation engineering in the United States with special emphasis on highway and traffic engineering, planning and design, construction, operation, management, and safety.

TTE 4201. Traffic Engineering (3). Prerequisite: TTE 3004. This course covers nature, characteristics, and theories of traffic problems. Topics include traffic survey procedures, origin-destination studies, as well as an introduction to theory and design of automatic control of traffic systems.

TTE 4250. Traffic Operations (3). Prerequisites: EGN 2212 and TTE 3004. This course covers operation of transportation systems, monitoring, regulation, and control traffic.

TTE 4271. Intelligent Transportation Systems (3). Prerequisite: TTE 3004. This course covers advanced traffic management systems (ATMS), advanced traveler information systems, advanced vehicle control systems, commercial vehicle operations, rural ITS, human factors, institutional issues, architecture and standards, as well as simulation and modeling.

TTE 4804. Highway Geometric Design (3). Prerequisites: CEG 2202C and TTE 3004. This course covers principles and procedures for the geometric design of highways and streets, consideration of traffic, land use, and aesthetic factors.

TTE 4830. Hot Mix Asphalt Mixture Design (3). Prerequisite: CCE 3101. This course covers aggregate properties and tests, tests of asphalt and asphalt concrete mixes, fundamental engineering characteristics of hot-mix asphalt concrete, mix design methods for asphalt concrete, as well as Superpave-mix design methodology and production and placement of hot-mix asphalt.

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 5106. Advanced Structural Analysis (3).
CES 5114. 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 Concrete Design (3).
CES 5715. Prestressed Concrete (3).
CES 5845. Composites in Civil Engineering (3).
CES 6116. Finite Elements in Structures (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 5931. Mechanical Engineering Comprehensive Exam (0). (P/F grade only.)
CGN 5935. 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 5365. Urban Stormwater Runoff (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 5419. Applied Environmental Engineering Chemistry (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 coursework for thesis, dissertation, master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of Classics

College of Arts and Sciences

Web Page: http://classics.fsu.edu/

Leon Golden Professor and Chair: Marincola; M. Lynette Thompson Professor: de Grummond; Professor: Cairns, Pullen; Associate Professors: Fullerson, Pfaff, Sickinger, Slaveva-Griffin; Assistant Professors: Luke, Romano, Stover; Assistant in Classics: Branscombe; 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 incorporates 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 and Roman religion, and ancient sexuality and gender studies. Several faculty members direct archaeological projects in Greece and Italy, and students are active participants in these.

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. 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: Health and Sickness in Ancient Rome; 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.

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 classics satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, CGS 2100, or ISC 3313.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

Classics and Classical Language

XXX XXXX: coursework in classics for a total of six to twelve credit hours and a demonstration of proficiency of a classics foreign language by testing or completion through the intermediate level. For example, the intermediate level for Latin is LAT X220 or equivalent.

Greek, Classical

XXX XXXX: coursework in Greek for a total of six to twelve credit hours or demonstrated proficiency of the language by testing or completion through the intermediate level. The intermediate level is GRE X200 or equivalent.

Latin

XXX XXXX: coursework in Latin for a total of six to twelve credit hours or demonstrated proficiency of the language by testing or completion through the intermediate level.

Requirements for Majors 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 below “C” 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 semester hours above the 1000 level. Two courses at the 3000 level are required from among LNW 3211r, 3323r, and 4340r, along with six additional semester hours at the 4000 level. At the discretion of the adviser, up to four 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 semester hours chosen in consultation with the departmental adviser. This program will normally include GRE 1120 and 1121.

Latin and Greek

Thirty semester hours in Greek and Latin chosen in consultation with the departmental adviser. At least twelve 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 semester hours of Latin.

Classical Civilization

Thirty semester hours chosen in consultation with the departmental adviser. Students must take at least twelve 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 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 semester hours of coursework. ARH 3130 and 3150 are required in addition to three of the following advanced archaeology courses: ARH 4110, 4118, 4120, 4131, 4151, 4154, and 4173 and CLA 4151. 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...
This course focuses on study of specified
This course reviews the major
This course comprises a study
This course is a survey of the Near
This course examines the role
This course explores studies
This fieldwork course affords stu
This course surveys the history of ancient
This course provides a study of the archaeology of Pompeii
This course explores studies
This course is a survey of Greek and Roman civilization: survey of classical literature, art, and philosophy
This course surveys the accomplishments of classical Greek art through an examination of the monuments, works, and archaeological evidence.
This course is a survey of ancient Greek and Roman civilization from the second to the sixth century CE with emphasis on important sites and monuments.
This course is 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.
This course is 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.
This course reviews the major
This course combines methods of social
This course is a survey of the major archaeological evidence related to the Bronze Age in Crete and Greece; the major sites, monuments, and artistic works.
This course is a study of Etruscan culture, art, and archaeology.
This course is a survey of the daily life and the cultural and political achievements of the ancient Greeks from the Iron Age through the Hellenistic period using a survey of principal monuments, works, and archaeological evidence.
This course surveys the major
This course surveys the role of women in ancient Greek society, as depicted in its literature, art, law, and economic developments.
This course comprises a study of Roman art and archaeology from the second century to the sixth century CE with emphasis on the monuments, works, and archaeological evidence.
This course surveys the history of ancient Egypt, from the Pre-dynastic to the Ptolemaic and Roman periods. An emphasis on the art, architecture, and culture of the Old and New Kingdoms.
This course surveys the history of ancient Egypt.
This course reviews the major accomplishments and the archaeological remains.
This course provides a study of the archaeology of Pompeii and of neighboring towns from the seventh century BCE to the first century CE.
This course focuses on study of specified periods of Greek history, whether Archaic, Classical, or Hellenistic. May be repeated to a maximum of six semester hours.
This course surveys the accomplishments in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine semester hours.
This course is a survey of the Near East—Anatolia, Mesopotamia, Egypt, the Holy Land—in the ancient period.
This course explores studies in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine semester hours.
This course surveys the history of ancient Greece from the Bronze Age through the Hellenistic period, with a focus on political, social, and economic developments.
This course provides a study of 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.
This course surveys the accomplishments in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine semester hours.
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This course surveys the history of ancient Greece from the Bronze Age through the Hellenistic period, with a focus on political, social, and economic developments.
This course surveys the history of ancient Rome from the Iron Age through Late Antiquity. Emphasis is on political, social, and economic developments.
This course comprises a study of Roman art and archaeology from the second century to the sixth century CE with emphasis on the monuments, works, and archaeological evidence.
This course surveys the history of ancient Egypt, from the Pre-dynastic to the Ptolemaic and Roman periods. An emphasis on the art, architecture, and culture of the Old and New Kingdoms.
This course surveys the accomplishments in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine semester hours.
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This course surveys the accomplishments in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine semester hours.
This course provides a study of 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.
This course focuses on study of specified periods of Greek history, whether Archaic, Classical, or Hellenistic. May be repeated to a maximum of six semester hours.
This course surveys the accomplishments in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine semester hours.
This course provides a study of 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.
This course focuses on study of specified periods of Greek history, whether Archaic, Classical, or Hellenistic. May be repeated to a maximum of six semester hours.
This course is an intensive study of the tragedies of this course is an introduction to the basic
May be repeated to a maximum of nine
This course focuses on the translation, technical and interpretation of selected readings from Horace and Persius, Juvenal, Martial, Petronius, or Apuleius. May be repeated to a maximum of six semester hours.

LNW 3325r. Roman Lyric Poetry (3). This course focuses on the translation, commentary, and interpretation of standard Latin poets. May be repeated to a maximum of six semester hours.

LNW 3326r. Roman Epic (3). This course focuses on the translation, commentary, and interpretation of selected works from Vergil or the other hexameter poets. May be repeated to a maximum of six semester hours.

LNW 3350r. Roman Satire (3). This course focuses on the translation, commentary, and interpretation of selected readings from Horace and Persius, Juvenal, Martial, Petronius, or Apuleius. May be repeated to a maximum of six semester hours.

LNW 3380r. The Roman Historians and Cicero (3). This course focuses on the 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 semester hours.

LNW 4050r. Directed Individual Study (1–4). May be repeated to a maximum of nine semester hours.

LNW 4999r. Tutorial in Latin (1–3). Prerequisites: LNW 3211, LNW 3323, and instructor permission. This course includes 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 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 5934r. Tutorial in Classical Archaeology (1–3).

ARH 6937r. Doctoral Seminar in Classical Archaeology (3).

CLA 5155. Pompeii (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 5905r. Directed Individual Study (1–4). (S/U grade only.)

CLA 5910r. Supervised Research (1–3). (S/U grade only.)

CLA 5919r. Master of Arts Paper (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 6906r. Readings for Exams (1–12). (S/U grade only.)

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).

EUF 5407. Hellenistic Greece (3).

EUF 5417. The Roman Republic (3).

EUF 5418. The Roman Empire (3).

FLE 5810. Teaching Classics (3).

GRW 5215r. Studies in the Greek Prose Writers (3).

GRW 5358r. Studies in Greek Drama (3).

GRW 5345r. Greek Poetry (3).

GRW 5505r. Greek Philosophical Writings (3).

GRW 5908r. Directed Individual Study (1–4). (S/U grade only.)

GRW 5909r. Tutorial in Greek (1–3).

GRW 6106. Survey of Greek Literature (3).

GRW 6930r. Seminar in Greek (3).

LAT 5069. Graduate Reading Knowledge Examination (0). (S/U grade only.)

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 5908r. Directed Individual Study (1–4). (S/U grade only.)

LNW 5932r. Tutorial in Latin (1–3).

LNW 6106. Survey of Latin Literature (3).

LNW 6930r. Seminar in Latin (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
COGNITIVE SCIENCE: see Graduate Bulletin

School of COMMUNICATION

COLLEGE OF COMMUNICATION AND INFORMATION

Web Page: http://www.comm.cci.fsu.edu/

Director: Stephen D. McDowell; Professors: Arpan, Heald, Houck, Korzenny, McDowell, Nudd, Raney; Associate Professors: Adams, Bunz, Jordan, MacNamara, Pekurny, Proffitt, Opel, Rayburn; Assistant Professors: Castillo, Cortese, Parker; Associate in Communication: Wallace; Research Associates: Gilmer, Halvorson, Laurents, Lindsay, Solomon, Zeigler; Assistant in Communication: Rodin; Associate Scholar/Scientist: Dubard; Professors Emeriti: King, Mayo, Wotring, Young

The School of Communication offers a degree in communication with four majors. These majors 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) public relations; (3) media/communication studies; and (4) media production.

Each major 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 School Web site at http://www.comm.cci.fsu.edu/. 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 years to complete.

In terms of both academic criteria and extracurricular accomplishments, the students in the School of Communication are of the very highest caliber. The high quality of the 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 activities, including radio station WVFS, 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 of Women in Communication, and Lambda Pi Eta, the national honor society for undergraduate communication students.

Both in and out of the classroom, the students of the School 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 School 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 School Web site for information regarding graduate programs.

Note: Students not formally admitted to the School of Communication are prohibited from enrolling in more than eighteen semester hours of coursework in the School of Communication (SPC 1017 and SPC 2608 do not count toward this eighteen 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 competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in communication satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2100, or COM 4470.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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 ei-
ther 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. XXX XXXX
2. XXX XXXX
3. XXX XXXX
4. XXX XXXX
5. XXX XXXX
6. XXX XXXX

Note: The above courses are to be outside of the major (ENC and LIT prefix courses) and beyond the thirty-six hours of general education requirements.

Requirements

Admission Information

Communication is a limited-access major. Acceptance into the School of Communication and into the various areas of emphasis is highly competitive. All students must apply separately to the University and the School of Communication. Admission to the University is not a guarantee of admission into the major and admission to the major is not a guarantee of admission to the University. 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 School 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 media/communication studies
  2. Have completed CLEP and accelerated credit scores posted by time of application
  3. Have all liberal studies course substitutions approved by the appropriate dean and posted by time of application
  4. In addition, students must complete the following requirements by the end of the Spring semester in which they are applying
     a. A minimum of fifty-two semester hours of college coursework accepted by Florida State University
     b. Successfully complete two Liberal Studies math courses and two Liberal Studies English courses

Note: All coursework for eligibility must be reflected on submitted transcripts or on Spring course schedules by the application deadline.

The Application

Application information is available on the School of Communication Web site at http://comm.cci.fsu.edu. To be considered for Summer/Fall admission, completed applications must be received by the School of Communication by the first business day in February at 5:00 p.m. 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. Advertising, Public Relations, Media Production

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 School 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. Record of academic success in communication and communication-related courses
3. Quality of writing in application materials
4. Well-defined goals and expectations related to the chosen field
5. Previous high school, college, or professional experiences related to the chosen field

(See School of Communication application for additional information regarding the review process.)

B. Media/Communication Studies

After meeting the Minimum Requirements for Application (above), the GPA in all college coursework will be the sole admission criterion.

Retention Standards

The School 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 school or the major. Specifically, majors in the School of Communication must maintain an overall GPA of 2.8 on all college coursework 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 school’s Web site at http://www.comm.cci.fsu.edu. The School 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 school’s language proficiency requirement; (2) only coursework 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 School of Communication. Students must undergo University and school graduation checks. Students who wish to intern must make arrangements with the faculty adviser and submit school 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 major in the School of Communication during or after the 2003 admission cycle must achieve proficiency in one language other than English prior to graduation. As a school, 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 or business language. In order to fulfill the school’s Business Language-Proficiency requirement, students must earn at least a “C-“ in each language course. Courses may not be taken on an S/U basis.

Students formally admitted during or after the 2012 admission cycle may take courses in the Modern Language Proficiency on an S/U basis.

The school’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 School 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 coursework through the 2000 level (2200 or equivalent course) of a classical or modern language. Students admitted prior to 2012 must earn at least a “C-“ in each course; courses may not be taken on an S/U basis. For students admitted during or after 2012, language proficiency courses may be taken on an S/U basis. Native speakers of another language and other students who wish to demonstrate proficiency by means other than coursework 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.

Business Language Proficiency. Students may satisfy the business language proficiency requirement by completing the following coursework for a total of nine semester hours: ECO 2013 Principles of Macroeconomics, ECO 2023 Principles of Microeconomics, and one of the following: STA 2023 Fundamental Business Statistics, or STA 2122 Introduction to Applied Statistics. A student taking coursework 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.
Required Minor

A minor of at least twelve 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 School of Communication, with the exception of the Minor in Hispanic Marketing Communication. Requirements for the minor are established by the minor department, which can be found under the appropriate entry of this General Bulletin. Minors are checked by the major department upon graduation. See individual descriptions of majors below for suggestions. Communication majors who complete a second major outside of the School of Communication do not need a minor. The required minor is applicable, however, to those pursuing a dual degree.

Interdepartmental Minor

A fifteen semester hour interdepartmental minor is possible, provided that the coursework is outside the School of Communication and is approved in advance by the faculty adviser and the school director.

Honors in the Major

The School of Communication offers a program in honors in communication to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Communication

The School of Communication offers a minor in communication on a space available basis only. The minor consists of twelve semester hours in communication selected from the following courses:

- ADV 3008 Principles of Advertising (3)
- ADV 3352 Mass Media Law (3)*
- ADV 3410 Hispanic Marketing Communication (3)*
- COM 3332 New Communication Technology (3)*
- COM 3420 Media, Culture, and the Environment (3)
- COM 3483 Reel Legal (3)
- COM 3930 Special Topics in Communication (3)
- MMC 2000 Introduction to the Mass Media (3)*
- PUR 3000 Introduction to Public Relations (3)*
- RTV 3001 Media Techniques (3)
- SPC 3210 Contemporary Human Communication (3)*

*Available online

Only coursework with a grade of “C-” or above in four of these courses will count toward the minor. Credit earned in meeting the Oral Communication Requirement (OCCR) may not be used to satisfy the minor. At least six semester hours of the communication minor must be taken in the Florida State University School of Communication.

In cooperation with the College of Arts and Sciences, the School 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 Arts” chapter of this General Bulletin, or the departmental Web site at http://film.fsu.edu/.

The School of Communication also offers a minor in Hispanic marketing communication. Please contact the school 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 semester hours. All work counted toward the major must carry a grade of “C-” or better.

- **Required Minor.** A minor (or second major), approved by your adviser, is required. All minor work must be in a department other than the School 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.cci.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.academic-guide.fsu.edu/.

Media/Communication Studies

- **Career and Educational Goals.** Students graduating in this emphasis area should have a solid liberal arts education. Degrees in media/communication studies are applicable to a number of fields including law, ministry, speech writing, management, lobbying, management or production careers in media, cable, advertising, video production, arts and entertainment, emerging information technologies, and related fields. (Prospective students should note that the School of Communication does not offer a program in print or broadcast journalism.)

- **Major Hours Required.** Thirty-three semester hours. All work counted toward the major must carry a grade of “C-” or better.

- **Required Minor.** A minor (or second major), with adviser approval, is required. All minor work must be in a department other than the School of Communication. All work counted toward the minor must carry a grade of “C-” or better. Requirements for the minor are established by the minor department and can be found in this General Bulletin. Recommended minors include: English, political science, psychology, journalism (at FAMU), sociology, criminology, social sciences, American studies, women’s studies, African-American studies, or British studies (the Florida State University London Program). A fifteen semester hour interdepartmental minor is also possible, provided the coursework is outside the School of Communication and is approved in advance by the faculty adviser and the school director.

- **Required Minor.** A minor (or second major), approved by your adviser, is required. All work must be in a department other than the School of Communication. All work counted toward the minor must carry a grade of “C-” or better. Requirements for the minor are established by the minor department and can be found in this General Bulletin. Recommended minors include: business, English, political science, psychology, journalism (at FAMU), sociology, criminology, social sciences, American studies, or British studies (the Florida State University London Program). A fifteen semester hour interdepartmental minor is also possible, provided the coursework is outside the School of Communication and is approved in advance by the faculty adviser and the school director.

Course Requirements for the Media/Communication Studies Emphasis

A listing of specific courses and requirements is available at http://www.academic-guide.fsu.edu/.

Media Production

- **Career and Educational Goals.** Students with an emphasis in 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 School of Communication does not offer a program in print or broadcast journalism.

- **Areas of Special Knowledge and Skills to be Developed.** The media production emphasis will expose students to techniques employed in the production of digital media. Students may acquire such skills as writing for the media, on-camera performance, video production, and video editing.

- **Major Hours Required.** Thirty-nine semester hours are required in the media production area. All work counted toward the major must carry a grade of “C-” or better.

- **Required Minor.** A minor (or second major), approved by your adviser, is required. All work must be in a department other than the School of Communication. All work counted toward the minor must carry a grade of “C-” or better. Requirements for the minor are established by the minor department and can be found in this General Bulletin. Recommended minors include: business, English, political science, psychology, journalism (at FAMU), sociology, criminology, social sciences, American studies, or British studies (the Florida State University London Program). A fifteen semester hour interdepartmental minor is also possible, provided the coursework is outside the School of Communication and is approved in advance by the faculty adviser and the school director.
• Internship. An internship (COM 4945r) is strongly recommended. A student may enroll for up to twelve semester hours of internship, but a maximum of three semester hours may be credited toward the major.

Course Requirements for the Media Production Emphasis

A specific listing of courses and requirements is available at http://www.academic-guide.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
VIC — Visual Communication

Undergraduate Courses

ADV 3001. Creative Strategy (3). This foundation course in advertising explores creativity in a workshop environment.

ADV 3008. Principles of Advertising (3). This course explores advertising and promotion as related to level of economic growth, cultural influences, and sociological environments.

ADV 3352. Mass Media Law (3). This course offers a comprehensive review of laws, rules, and regulations affecting both the advertising and broadcast industries as well as other forms of mass media. Includes review of libel, slander, invasion of privacy, gathering of information, and copyright laws.

ADV 3410. Hispanic Marketing Communication (3). This course prepares undergraduate students to become educated decision makers and consumers of information regarding U.S. Hispanic marketing communication issues.

ADV 4300. Media Planning (3). Prerequisites: ADV 3008, COM 3310, and COM 3310L. This course explores the coordination of advertising and marketing research, planning, creative strategy, and selection of media and production activities leading to the development of advertising campaigns.

ADV 4411. Multicultural Marketing Communication (3). This course is geared to train students to become effective communicators and marketers when reaching out to multicultural society. Marketers, communicators, and service providers interested in being effective in reaching out to culturally diverse groups need to become adept at designing messages and strategies geared to a culturally diverse society.

ADV 4500. Advertising Research (3). Prerequisite: ADV 3008. This course covers survey, observational, and experimental methods and processes. Topics include research design, planning, questionnaire construction, sampling, validity measurements, field work, tabulations, presentation, and interpretation.

ADV 4603. Account Planning (3). This course explores account planning as a growing practice in advertising and public relations that emphasizes placing the consumer at the center of strategic planning. The account planner obtains consumer insights and ensures that the planning process is informed by consumer needs, values, and dispositions.

ADV 4800. Creative Strategy II (3). Prerequisites: ADV 3008, ADV 3001, and ADV 4500. This course develops creative and empathetic skills necessary in communicating via print and electronic media and enables students to utilize these skills in creating integrated advertising campaigns.

COM 3110. Communication for Business and the Professions (3). This workplace-oriented course 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). This course focuses on communication and group problem solving in bureaucracies.

COM 3310. Communication Research Methods (3). Prerequisites: STA 2023 and STA 2122. Corequisite: COM 3310L. This course is an introduction to communication research methods. It 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. This lab examines applications and simulations of communication research methods. Lecture material covering research design, measurement, sampling, data collection, analysis, interpretation, and reporting practiced using computer technology.

COM 3332. New Communication Technology and Contemporary Society (3). This course relates the design, development, and the use of new communication technologies to social, economic, and policy implications. Lecture, labs, and discussion groups.

COM 3420. Media, Culture, and the Environment (3). This course examines the role of language and representation in our understanding of the natural world. The course examines news media coverage of environmental issues, environmental images in popular culture, as well as the communication strategies of environmental organizations.

COM 3483. Reel Legal (3). This course provides students with a basic understanding of the law through the use of films about the law. Concepts include: natural law, legal ethics, constitutional law, civil rights, jury deliberations, jury psychology, legal ethics, congressional investigations, obligation of witnesses, right to counsel, etc. Topics such as race, class, gender, and ethnicity as pertaining to law are also explored.

COM 3510. Political Communication and Campaigning (3). This course explores campaigns, elections, and American politics in a communication framework; planning campaign strategy.

COM 3930r. Special Topics in Communication (3). This course is an analysis of specialized topics of current concern in communication. May be repeated to a maximum of six semester hours; duplicate registration allowed.

COM 3940r. Cooperative Education Work Experience (0). (S/U grade only.) Prerequisite: Instructor permission. This non-credit, experiential learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center.

COM 3950r. Communication Activities (1). (S/U grade only.) May be repeated to a maximum of four semester hours; duplicate registration allowed.

COM 4132. Communication and Stress Management (3). This course examines the causes of and remedies for stress in the workplace. The course provides practical education in controlling stress that emphasizes primarily organizational, intrapersonal, and interpersonal communication skills and utilizes primarily written channels. The course is reading and writing intensive.

COM 4330. Communication and the Internet (3). This course 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 4470. Desktop Multimedia (3). This course provides 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). This course is an analysis of how communication affects and is affected by our legal institutions and processes.

COM 4905r. Directed Individual Study (1–3). (S/U grade only.) Instructor approval required. May be repeated to a maximum of eight semester hours; duplicate registration allowed.

COM 4909r. Honors Work (1–6). This course is for students in the honors program who are working on an honors thesis. May be repeated to a maximum of nine semester hours; duplicate registration not allowed.

COM 4910r. Application of Research Methods (1–3). (S/U grade only.) Prerequisite: Instructor permission. This course offers 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 semester hours; duplicate registration allowed.

COM 4930r. Undergraduate Seminar in Communication (3). This course explores advanced communication issues with an emphasis on research. May be repeated to a maximum of six semester hours; duplicate registration allowed.

COM 4935r. Senior Seminar in Communication Studies (3). Prerequisite: SPC 4660 or SCM 4710. This course is an advanced seminar in communication studies with an emphasis on research methods and legal requirements involved in the conception and production of media content. May be repeated to a maximum of twelve semester hours; duplicate registration allowed.

FIL 2000. Elements of Film (3). This course provides the student with an opportunity to study classic examples of superior filmmaking and develop critical skills that will help the individual understand and evaluate film communication, literature, and art.

MMC 2000. Introduction to the Mass Media (3). This course covers a historical and social overview of the mass media and their relationship to the mass communication in a modern society.

MMC 4200. Media Legalities (3). Prerequisite: MMC 2000. This course is a review and application of media business practices and legal requirements involved in the conception and production of media content for radio and television.

MMC 4203. Media Ethics (3). Prerequisite: MMC 2000 or RTV 3001. This course surveys the ethical principles, standards, and problems in the practice of journalism, advertising, and/or public relations.

MMC 4300. Communication and Change: The Diffusion of Innovations (3). This course is 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 4602. Mass Media and Society (3). Prerequisite: MMC 2000. This course is 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.

MMC 4641. Political Economy of Media (3). Prerequisite: MMC 2000 or RTV 3001. This course covers the structure and functions of U.S. and other mass-communication systems as well as their relationship to the political and economic systems.
This course introduces the student to the principles and practices of the public relations profession throughout all organizations using public relations.

This course consists of practical application of classroom principles in public relations settings. May be repeated to a maximum of twelve semester hours.

This course allows students to direct student actors in a workshop setting. Actors and directors gain experience with an appreciation for those on the other side of the camera. Lecture-laboratory.

This course is an introduction to the principles of radio production and post-production techniques applied to field and studio projects. Emphasis on digital non-linear editing.

This course provides a review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.

This introductory course surveys the history and principles of public relations. Application of public relations theory and the practical applications of these principles in different argumentative situations. Traditional as well as contemporary approaches to the study of argument are combined with the settings of argument to provide a practical experience for each student.

This course is a review of recent literature on communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.

This course is an introduction to the practice of speechwriting, the ethical issues involved, and rhetorical strategies.

This course introduces students to on-camera interview and hosting of news and public affairs programs including research and writing components.

This course allows students to direct students in the production of single-camera video projects including camera, lighting, and linear editing.

This course introduces students to on-camera interviewing and hosting of television programs and video projects. May be repeated to a maximum of three semester hours. May be repeated within the same semester.

This course covers both the principles of and the practical applications of specific aspects of public relations, particularly in the context of contemporary work settings.

This course covers the tools and techniques of public relations. Application of public relations principles.

This course focuses on the principles of argumentation theory and the practical applications of these principles in different argumentative situations. Traditional as well as contemporary approaches to the study of argument are combined with the settings of argument to provide a practical experience for each student.

This course is required of all majors. The course is an introduction to the practice of speechwriting, the ethical issues involved, and rhetorical strategies.

This course is a review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.

This course is a review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.

This course is a review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.

This course is a review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.

This course introduces students to the principles and practices of the public relations profession throughout all organizations using public relations.

This course is designed to help students gain knowledge of the theory and process of gender communication (about and between genders) from an interpersonal context perspective.

This course consists of the development and writing of fictional scripts for television and film.

This course covers the tools and techniques of public relations. Application of public relations principles.

This course is required of all majors. The course is an introduction to the practice of speechwriting, the ethical issues involved, and rhetorical strategies.

This course introduces students to the principles and practices of the public relations profession throughout all organizations using public relations.

This course consists of practical application of classroom principles in public relations settings. May be repeated to a maximum of twelve semester hours.

This course allows students to direct students in the production of single-camera video projects including camera, lighting, and linear editing.

This course is an introduction to the principles of radio production and post-production techniques applied to field and studio projects. Emphasis on digital non-linear editing systems.

This course covers the tools and techniques of public relations. Application of public relations principles.

This course is required of all majors. The course is an introduction to the practice of speechwriting, the ethical issues involved, and rhetorical strategies.

This course provides a review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.

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This course is a review of recent literature on nonverbal communication including such topics as kinesics, proxemics, kinesthetic behavior, environment, physical characteristics, and personal appearance.
Graduate Courses

ADV 5415. Hispanic Marketing Communication (3).
ADV 5416. Multicultural Marketing Communication (3).
ADV 5503. Media Consumer Behavior (3).
ADV 5605. Account Planning (3).
ADV 5701. Communication Career Futures (3). (S/U grade only.)
COM 5126. Organizational Communication Theory and Practice (3).
COM 5127. Assessing Organizational Communication (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 5338. Web Site Usability and Design (3).
COM 5339. Interactive Programming and Design for the Web (3).
COM 5340. Historical-Critical Methods of Research (3).
COM 5348. Qualitative Methods in Communication Research (3).
COM 5364. Foundations of Digital Media (3).
COM 5401. Analysis of Communication Theory (3).
COM 5426. Media, Culture, and the Environment (3).
COM 5450. Introduction to Project Management (3).
COM 5451. Advanced Topics in Project Management (3).
COM 5452. Agile Project Management (3).
COM 5457. System Thinking and Project Management (3).
COM 5459. 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 6015. Gender and Communication (3).
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 6305. Comparative Systems of Mass Communication (3).
MMC 6506. Political Economy of Media (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 5292. Advanced Narrative Production (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).
SPC 5234. Classical Theories of Rhetoric (3).
SPC 5442. Group Dynamics and Leadership (3).
SPC 5545. Studies in Persuasion (3).
SPC 5614. Criticism of Contemporary Public Address (3).
SPC 6236. Contemporary Rhetorical Theory and Criticism (3).
SPC 6306. Contemporary Topics in Interpersonal Communication (3).
SPC 6920r. Colloquium in Speech Communication (3).
VIC 5006. Visual Communication (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

School of
COMMUNICATION SCIENCE AND DISORDERS

COLLEGE OF COMMUNICATION AND INFORMATION

Web Page: http://www.commdisorders.cci.fsu.edu/
Director: Kenn Apel; Professors: Apel, LaPointe, Morris, Woods; Associate Professors: Horton, Jackson, Lasker, Stierwalt; Assistant Professor: Macrae; Associates in Communication Science & Disorders: Gessner, Justl, Nimmons, Snowden; Assistants in Communication Science & Disorders: Davis, Lundblom, Montgomery, Walker

The mission of the School of Communication Science and Disorders is to prepare undergraduate and graduate students to demonstrate broad-based knowledge in communication processes and disorders and to integrate theoretical knowledge and research findings with clinical practice experiences. The program prepares students to become speech-language pathologists who can provide effective diagnostic and treatment services to individuals with a wide variety of speech, language, and hearing impairments. It also prepares clinical scientists to generate new knowledge pertaining to communication processes and innovative strategies for evaluating and managing communication disorders. The mission is carried out through clinical and instructional programs, professional and clinical service, and clinical research. The school provides education for students seeking the Bachelor of Science (BS), Bachelor of Arts (BA), Master of Science (MS), and Doctor of Philosophy (PhD) degrees.

Florida State University has approved American Sign Language as a substitute for a foreign language for the Bachelor of Arts (BA) degree. The sequence of American Sign Language courses includes: Beginning ASL (ASL 1140C), Intermediate ASL (ASL 2150C), and Advanced ASL (ASL 2160C). ASL courses may not be taken for a Satisfactory/Unsatisfactory (S/U) or Pass/Fail (P/F) grade. These courses may not be available to non-Communication Science and Disorders majors every semester.

Students with previous experience with ASL may wish to take an placement exam administered on an individual basis. Students interested in pursuing this option should contact the academic office at (850) 644-2253. Students will not earn University credits for ASL coursework they need not complete. The school does not offer a degree in education of the Deaf nor in sign language interpretation.

Students enrolled in programs of the School of Communication Science and Disorders at Florida State University are provided unique experiences because of the learning environment. The school is in the College of Communication and Information, which provides numerous collateral educational experiences. The L.L. Schendel Speech and Hearing Clinic is the primary teaching and research laboratory for students and faculty and provides comprehensive, multidisciplinary evaluation and treatment services to persons in the community and region with communication disorders. This 40-room facility has space for a variety of specialized functions including videotape laboratories, diagnostic audiology instrumentation, sound isolation rooms, non-speech systems, and a complement of other clinical resources for clinical instruction and delivery of clinical services.

The School also maintains a number of Communication Science and Disorders laboratories for the study of physical and psychological aspects of sound, speech, voice, and language. These facilities provide space and highly specialized equipment to students and faculty, including laboratories for study in speech and voice science, language and literacy, early language development, and adult language.

In addition, the School 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 semester hours of coursework from three different departments and three semester hours of practicum from an approved list of courses and practica. No more than three semester hours may be taken in the student’s major area of study. More than forty courses are available in the following disciplines: art education; communication science and disorders; family and childhood education; middle and secondary education; music education/therapy; nursing; psychology; social work; and special education.

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 science and disorders satisfy this requirement by earning a grade of “C-” or higher in CGS 2060 or CGS 2100.
State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. STA XXXX
2. BSC XXXX or APK XXXX or ANT X511
3. PSY XXXX or EXP XXXX or CLP XXXX or DEP XXXX or SYG XXXX or SYD XXXX or SYY XXXX or FYY XXXX or FAD XXXX
4. PHY XXXX or CHM XXXX or PSC XXXX

Requirements for an Undergraduate Major in Communication Science and Disorders

Students normally enter the program at the junior level and must have a minimum grade point average (GPA) of 3.0 for all coursework and have successfully completed Florida State University’s liberal studies requirements. Admission to Florida State University does not ensure admission to the School of Communication Science and Disorders, nor does attainment of the minimum grade point average. Formal application to the school 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 school by the first business day in February by 5:00 p.m. EST for priority admission. Additional deadlines and admission procedures can be found on the school Web site, at http://www.commdisorders.cci.fsu.edu/. It is recommended that students include MAC 1105 and STA 2122 in their pre-major coursework.

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
2. Have completed CLEP and accelerated credit scores posted by time of application
3. Have all liberal studies course substitutions approved by the appropriate dean and posted by time of application
4. In addition, students must complete the following requirements by the end of the Spring semester in which they are applying:
   a. A minimum of fifty-two semester hours of college coursework accepted by Florida State University
   b. Successfully complete all Liberal Studies and Gordon Rule coursework as accepted by Florida State University

Note: All coursework for eligibility must be reflected on submitted transcripts or on Spring course schedules by the application deadline.

Students admitted into the School of Communication Science and 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 (ASL 2160C). 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 coursework should consult the Department of Modern Languages and Linguistics, or for American Sign Language, the School of Communication Science and Disorders.

Fulfilling the language requirement for the School will partially fulfill the University requirements for a Bachelor of Arts (BA) degree. To earn a BA degree, a student must complete the language requirement and take an additional nine 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 expect to earn a Bachelor of Science (BS) degree.

Please note that the School’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 School of Communication Science and Disorders foreign language graduation requirement for BA/BS students.

The curriculum leading to the baccalaureate degree combines liberal arts education with pre-professional preparation for the graduate program in the School 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 Science and Disorders must earn a grade of “C–” or better for each required major course and must have an overall GPA of at least 2.0 in major coursework.

Speech-language pathology courses cover the nature, evaluation, and treatment of problems of articulation, language, fluency, voice, 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; as well as 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 major’s degree are met.

The master’s of speech-language pathology program is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology and prepares students to work in hospital, clinical, school, or private settings with a variety of developmental and acquired communication disorders.

Retention Standards

The School of Communication Science and Disorders 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 School or the major. Specifically, majors in the School of Communication Science and Disorders must maintain an overall GPA of 3.0 on all college coursework or they may be placed on probation and may be dropped subsequently from the major.

Definition of Prefixes

ASL—American Sign Language
LIN—Linguistics
SPA—Speech Pathology and Audiology

Undergraduate Courses

ASL 1140C. 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.

ASL 2150C. Intermediate American Sign Language (4). Prerequisite: ASL 1140C. This course is designed to expand the students’ comprehension and production of American Sign Language with a primary emphasis on dialogue. Focus is on increased vocabulary, conceptual accuracy, verb inflections, and ASL idioms.

ASL 2160C. Advanced American Sign Language (4). Prerequisite: ASL 2150C. 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.

ASL 2400. Introduction to Sign Language Systems (2). This course provides an introduction to the deaf culture and to sign language as a communication system, and encoding and decoding skills of Signed English and finger spelling.

ASL 2510. Deaf Culture (3). This course acquaints students with the political, cultural, educational, and social parameters of Deaf Culture. International and United States perspectives are included.
LIN 3200. Fundamentals of Phonetics (3). This course is a study of the acoustical and physiological aspects of speech-sound production. An orientation to the international phonetic alphabet and its use for the broad transcription of general American English.

SPA 2001. Communication Sciences and Disorders (3). This introductory course provides an overview of human communication disorders with a focus on the neuro-anatomic, acoustic, biological, psychological, developmental, and linguistic principles underlying human communication disorders. It also provides an overview of the field of speech-language pathology and audiology with an emphasis on the scientific aspects of clinical assessment and rehabilitation of clients. Intended for non-majors. May not be taken for S/U or P/F grade; must be taken for letter grade only.

SPA 2200. Effective Oral Communication (3). This course surveys and applies selected techniques for generating effective oral communication using standard American English. Course topics include listening and speaking skills, vocal health, interpersonal communication, public speaking, speaking apprehension, and dialect/accent differences. Speaking activities are designed to meet the student's professional goals.

SPA 3801r. Applications of Research in Communication Sciences and Disorders (1–3). This course teaches basic research concepts and skills through practical experiences. Students apply research techniques in various settings while assisting with activities in research settings, through simulations in the classroom, and through individual projects.

SPA 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

SPA 4004. Normal Communication Development (4). This course provides an overview of the fundamental bases of language development, offering skills and knowledge that are pivotal to preparing future professionals for a variety of careers and scientific inquiry. This overview serves as a foundation for advanced coursework and for a variety of professions such as working in an educational setting, in a child-care facility, with individuals with communication disorders, or conducting related research.

SPA 4011C. Acoustics for Speech and Hearing (4). This course covers 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 3201, SPA 4302, and SPA 4400. This course provides supervised practice in therapeutic procedures with persons with various speech-language problems. May be repeated to a maximum of three 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). This course is 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 4104. Neurological Bases of Communication (3). Prerequisite: SPA 4101C. This course covers normal neuroanatomy, neurophysiology, and neuropathologies affecting communication. Prior anatomy and physiology of speech mechanisms needed.

SPA 4112. Clinical Phonetics (4). This course focuses on the phonetic transcription of the spoken language and its use for the broad transcription of general American English.

SPA 4255. Developmental Communication Disorders (3). This course places disorders in perspective, defines basic theories of causation, introduces identifying characteristics, and presents an overview of procedures for evaluation and treatment. Topics include cultural and linguistic diversity, evidence-based practice, and current trends in the discipline.

SPA 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). This course is 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 (1). Prerequisite: SPA 4302. This course examines diagnostic evaluation and (re)habilitation techniques.

SPA 4431. Nature of Autism and Severe Communication Disorders (3). This course provides class participants with an overview of the characteristics and etiology of autism and presents an overview of procedures for evaluation and treatment. Topics include diagnostic assessment, 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 4556r. 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 semester hours.

SPA 4800. Research Evaluation (3). This course explores elements of quantitative research and application of psychophysiological research methods to human communication problems.

SPA 4905r. Directed Individual Study (1–3). May be repeated to a maximum of eight semester hours. May be repeated within the same semester.

SPA 4930r. Undergraduate Seminar in Communication Disorders (1–3). Prerequisite: Instructor permission. This seminar provides 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 semester hours.

SPA 4970r. Honors Thesis in Communication Disorders (1–6). Prerequisites: Admission to honors program and permission to the School of Communication Science and Disorders. This 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 semester hours.

### Graduate Courses

SPA 5009. Normal Communication Development and Disorders (4).

SPA 5012. Introduction to Communication Science (4).

SPA 5033. Introduction to Clinical Audiology (4).

SPA 5055r. Professional Tools in Speech-Language Pathology (1–3).

SPA 5102. Neurological Basis of Communication (4).


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 5305L. 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. Developmental Communication Disorders: School-Age Issues (3).

SPA 5500. Clinical Practicum in the Schools (3).

SPA 5505r. Advanced Speech-Language Pathology Practicum (1–4).

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 (2).

SPA 5554. Counseling in Speech-Language Pathology (3).

SPA 5554r. Supervision and Counseling in Communication Disorders (1–3).


SPA 5562. Advanced Seminar in Augmentative and Alternative Communication (1–3).

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 5941r. Beginning Speech-Language Pathology Practicum (1–4). (S/U grade only.)

SPA 5942r. Community Clinical Practicum (1–4).

SPA 5944. Speech-Language Pathology Internship (1–12). (S/U grade only.)

SPA 6140. Seminar in Experimental Phonetics (1–3).

SPA 6151r. Seminar in Neuropathologies (1–3).

SPA 6343r. Seminar on Developmental Disabilities (1–3).

SPA 6404. University Academic and Clinical Teaching Colloquium (0–2). (S/U grade only.)

SPA 6605. Seminar in Speech 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 coursework for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.

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2012-13 General Bulletin Undergraduate Edition Florida State University
Department of COMPUTER SCIENCE

COLLEGE OF ARTS AND SCIENCES

Web Page: http://www.cs.fsu.edu/

Chair: Robert van Engelen; Professors: Aggarwal, Baker, Burmester, Hawkes, Mascalzi, G. Tyson, van Engelen, Whalley, Yuan; Associate Professors: Duan, Kumar, Liu, Schwartz, Srinivasan, Wang; Assistant Professor: Zhang; Courtesy Professors: Allen, de Medeiros, Desmedt, Evans, Jones; Research Associate: Gaitros; Associates in Computer Science: Chang, Lacher, Langley, Myers, A. Tyson; Professors Emeriti: Lacher, Levitz, Stocklin

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 (BS) and Bachelor of Arts (BA) degrees, and the Master of Science (MS) and Doctor of Philosophy (PhD) degrees.

The Department has a number of active research programs across the spectrum of computing, including: computer architecture, compilers, real-time systems, networks and tools for distributed applications, parallel computation, databases and data mining, operating systems, algorithms, scientific problem solving environments, large-scale scientific computation and databases, computer and network security (including cryptography), computer forensics, computer vision, applied computational geometry, random number generation and Monte Carlo methods, as well as applications of fuzzy relations and non-classical logics. These research programs enjoy external support from agencies ranging from the National Science Foundation to the private sector.

The Department of Computer Science has a full range of computing facilities available for instruction and research. 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 equipment and may access other machines, including supercomputers and computer clusters, across the University.

Affiliated research laboratories and research groups include the following:

- The Center for Security and Assurance in Information Technology (C-SAIT) Laboratory (http://c-sait.fsu.edu) 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 (http://www.aces.cs.fsu.edu) 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 Applied Computer Vision Laboratory (http://cavis.fsu.edu) develops novel and mathematically sound representations, modeling, and computational algorithms for computer vision, image analysis, and pattern recognition with direct medical, biological, and real-time video and image analysis applications.
- The Large-Scale Experimental Networks and Systems (LENS) Group (http://www.lens.cs.fsu.edu) investigates issues in networking and systems such as QoS routing, communication algorithms, overlay networks, performance analysis, and message passing libraries.
- The E-Crime Investigative Technologies (ECIT) (http://www.ecit.fsu.edu) conducts research in support of digital forensics investigations. It develops new technologies and forensic tools to address real-world problems related to electronic or digital crime. ECIT often works closely with the Florida Department of Law Enforcement and with the National White Collar Crime Center.
- The Database Group (http://www.cs.fsu.edu/dbgroup) is a faculty collaboration that focuses on efficiency, scalability and practicality problems in data management.
- The CompuStat Group at FSU (https://sites.google.com/a/compgenom.com/computstat/Home) fosters interaction and promotes collaboration among faculty and students in the Departments of Computer Science, Statistics, Mathematics, Science, Computing, Biological Sciences, Chemistry, and College of Medicine at FSU with goals to further understand and better model complex living systems at all physical and temporal scales.

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) degree, 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 degree 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 CS undergraduate adviser for more information.

In conjunction with the Department of Biological Science, the department offers an interdisciplinary BS degree in Computational Biology. 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.

In conjunction with the College of Criminology and Criminal Justice, the department offers an interdisciplinary BS degree in Computer Crimeology. This program teaches students to understand the emerging problem of computer-related crime as well as how computers can assist in the prevention, detection, and apprehension of computer-crime perpetrators.

In each of the undergraduate degree programs within the Department of Computer Science, students must meet all applicable University and College requirements and, unless otherwise specified, coursework required for the major must be completed with a “C-” or better.

No CGS courses, individual instruction courses such as CIS 3949r Cooperative Education Work Experience, and CIS 4900r Directed Individual Study will count toward the requirements for any of these majors.

The BS degree program in computer science is accredited as a computer science degree program by the Computer Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD, 21202-4012; (410) 347-7700. Note that ABET views the BS and BA as distinct degree programs, and that this accreditation is specifically for the BS degree program in CS and is not applicable to the BA degree in CS or the degrees in computational biology or computer crimeology.

Distance Learning

The undergraduate degree program in Computer Science is available through Internet-supported distance learning. Certain restrictions 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://online.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, and each major determines the courses needed to satisfy this requirement. Undergraduate computer science, computational biology, and computer criminology majors must satisfy this requirement by earning a grade of “C−” or higher in COP 3014.

Note: The Department of Computer Science offers several courses, including CGS 2060, CGS 2100, CGS 3406, and COP 3014, which are intended to meet the Computer Skills Competency requirement for students in other majors. However, students should check with their major department whether any of these courses are designated as satisfying the computer skills competency in their major.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into the upper-division degrees programs offered by the Department of Computer Science:

Computer Science, BS

1. COP XXXX: one introductory programming course for three credit hours in C, C++, Java, or an equivalent programming language
2. MAC X311
3. MAC X312
4. PHY X048/X049L and PHY X049/X049L, or PHY X048C and PHY X049C, or BSC X010 and BSC X011 and CHM X045C
5. XXX XXXX: one science course for two to four credit hours for science majors

Note: The Department requires that item 5 be in a discipline other than physics, and must be identified as “For Science Majors” within the Liberal Studies Program or have such a course as a prerequisite. Students who choose to complete both BSC X010L and BSC X011L will satisfy the “Science for Science Majors” requirement.

Computer Science, BA

The above requirements are only required for the computer science BS major. The below requirements are only for the computer science BA major.

1. MAC X140
2. STA X122 or STA X203

Note: STA X122 is preferred.

Computational Biology (Bioinformatics)

1. BSC X010/X010L or BSC X010C or BSC X040/X040L or PCB X011C
2. BSC X011/X011L or BSC X011C or BSC X041/X041L
3. CHM X045/X045L or CHM X045C, or CHM X040 and CHM X041
4. CHM X046/X046L or CHM X046C
5. PHY X048/X048L or PHY X053/X053L
6. PHY X049/X049L or PHY X054/X054L
7. MAC X311
8. MAC X312

Computer Criminology

1. COP XXXX: one course for three credit hours in computer programming
2. MAC X105
3. MAC X140

Computer Science

1. COP XXXX: one introductory programming course for three credit hours in C, C++, Java, or an equivalent programming language
2. MAC X311
3. MAC X312
4. PHY X048/X049L and PHY X049/X049L, or PHY X048C and PHY X049C, or BSC X010 and BSC X011 and CHM X045C
5. XXX XXXX: one science course for two to four credit hours for science majors

Note: The Department requires that item 5 be in a discipline other than physics, and must be identified as “For Science Majors” within the Liberal Studies Program or have such a course as a prerequisite. Students who choose to complete both BSC X010L and BSC X011L will satisfy the “Science for Science Majors” requirement.

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin, as well as all University-wide requirements.

Requirements for the Degree Programs in Computer Science

There are two majors for the CS bachelor’s degree: the BS in computer science (CS BS) and the BA in computer science (CS BA). A distance-learning version of these majors is offered through the Panama City campus.

The undergraduate programs in computer science are limited access but, as of Summer 2009, limited-access enforcement is suspended indefinitely.

Note: The term “major” as used here is often called a “track” or “option” in other states or at other universities.

Core Requirements - BS and BA in Computer Science

In addition to all University and College of Arts and Sciences requirements, the common program prerequisites stated above, and the courses specific to each major that are listed separately under the respective headings below, all CS BA and CS BS students must complete the following core courses:

• MAD 2104 Discrete Mathematics I (3)
• CDA 3100-3101 Computer Organization I-II (6)
• CEN 4020-4021 Software Engineering I-II (6)
• COP 3014 Programming I (3)
• COP 3330 Object Oriented Programming (3)
• COP 3353 Introduction to Unix (1)
• COP 4530 Data Structures, Algorithms, and Generic Programming (3)
• COP 4610 Operating Systems and Concurrent Programming (3)
• COP 4710 Theory and Structure of Databases (3)
• COP 4020 Programming Languages (3)

Both of the majors in Computer Science require that one of the computer science electives cover an additional programming language not covered in COP 3014-3330. Where an advanced math elective is required, it must be a mathematics or statistics course with a prerequisite of Calculus II (MAC 2312) or Discrete Mathematics II (MAC 3105).

Additional Requirements for Computer Science BS Major

In addition to the core requirements described above and the common prerequisites for this major, each student must complete:

• MAD 3105 Discrete Mathematics II (3)
• COT 4420 Theory of Computation (3)
• COP 4531 Complexity and Analysis of Data Structures and Algorithms (3)
• CIS 4250 Ethics and Computer Science (3)
• STA 3032, 4321, or 4442.
• At least eleven semester hours of computer science electives, at least nine of which must be at the 4000 level.

One of the 4000 level computer science electives may be replaced with an advanced math elective. CIS 4250 Ethics in Computer Science satisfies the University Oral Communication Competency Requirement. The required collateral courses in mathematics, physics, and statistics constitute an acceptable interdisciplinary minor for students in this major.

Additional Requirements for Computer Science BA Major

In addition to the core requirements described above and the common prerequisites for this major, each student must complete:

• STA 2122, STA 2023, or any of the statistics courses approved for the CS BS major;
• At least nine semester hours of computer science electives, at least six of which must be at the 4000 level;
• At least nine semester hours in the fields of humanities and history, in addition to those taken to satisfy the liberal studies and foreign language requirement;
• A minor approved by the department.

A student in this major may not apply CIS 4250 toward the 4000-level CS electives, but may apply it as a general elective and toward satisfaction of the University Oral Communication Competency Requirement. The general electives and additional courses in the humanities and history may be applied toward satisfaction of the minor requirement. Students should contact the CS undergraduate adviser for information concerning acceptable minors. Additional general electives are required to bring the total credits to 120 hours.
Note: Because of reduced requirements in mathematics and theoretical computer science, students graduating with the BA in CS who wish to be admitted to the graduate program in CS at FSU may be required to take remedial undergraduate courses (http://www.cs.fsu.edu/current/grad/ug-pre-req.html), like students from other closely related majors such as Mathematics and Computer Engineering.

Requirements for the BS Degree Program in Computational Biology

In addition to the common prerequisites for this major, students must complete the following courses from biological sciences: BSC 2010, BSC 2011, PCB 3063, and PCB 4674, for a total of twelve hours. In addition, six hours of biological science elective credits must be chosen from: BOT 4394, BSC 2010L, BSC 2011L, BSC 4613, MCB 4403, MCB 4403L, PCB 3134, PCB 3743, PCB 4024, PCB 4233, PCB 4253, and PCB 4843.

From computer science, students must complete CDA 3100, COP 3014, COP 3330, COP 3353, and COP 4530, for a total of thirteen hours. In addition, three hours of computer science elective credit must be chosen from: CDA 3101, COP 4531, COP 4710 and COT 4420.

For the capstone courses, students must complete BSC 4933r and CIS 4930r for a total of six hours. In addition, the following must be completed: Mathematics/Statistics: MAC 2311, MAC 2312, MAD 2104 and STA 2171 totaling fifteen hours; Physics: PHY 2048C or PHY 2053C and PHY 2049C or PHY 2054C totaling eight or ten hours; Chemistry: CHM 1045, CHM 1045L, CHM 1046 and CHM 1046L totaling nine hours.

Requirements for the BS Degree Program in Computer Criminology

With the exception of CCJ 3011 and CCJ 4700, which must be passed with a “C-” or better, all courses required for the major must be completed with a grade of “C-” or better.

In addition to the common prerequisites for this major, students must complete the following core from computer science: COP 3014, COP 3353, COP 3330 and CDA 3100, totaling ten hours. A total of twelve elective hours must be completed, chosen from CIS 4250, CIS 4360, CIS 4361, CNT 4406, CNT 4504, CNT 4603, COP 4342, COP 4530, COP 4610, CDA 3101, and COP 4710. The capstone course CIS 4385 must be completed for three credits.

From criminology, students must complete the following core: CCJ 3011, CJE 4610, CJL 4064 and CCJ 4700, totaling twelve hours. A total of nine elective hours must be completed, chosen from CCJ 2020, CJL 3510, CJE 3110, CCJ 3644, CCJ 3666, CCJ 4010, SCC 4004. The capstone course CCJ 4938 must be completed for three credits.

In mathematics, students must complete MAD 2104 for three hours.

Requirements for a Minor in Computer Science

Students pursuing a minor in Computer Science may choose one of two sets of computer science courses preapproved by the department: the General Track (twelve hours) or the Science Track (thirteen hours). Courses outside of the preapproved tracks must be approved in advance (in writing) by the department. Students must also satisfy stated prerequisites before enrolling in any computer science course. A grade of “C-” or higher must be earned in each course counted toward the minor. For more information on the minor, including preapproved courses, see http://www.cs.fsu.edu/current/undergrad/minor.php.

Definition of Prefixes

CAP—Computer Application Development
CDA—Computer Design/Architecture
CEN—Computer Software Engineering
CGS—Computer General Studies
CIS—Computer Science and Information Systems
CNT—Computer Networks
COP—Computer Programming
COT—Computing Theory

Undergraduate Courses

Note: Certain courses are sometimes offered in a distributed format and as such are available to distance learning students in addition to residential students. Contact the Computer Science Department for details or go to http://www.cs.fsu.edu.

CAP 4601. Introduction to Artificial Intelligence (3). Corequisite: COP 4530. This first course in Artificial Intelligence (AI) is designed to expose the student to the breadth of AI as a field of study. Topics include problem-solving, rule-based reasoning, knowledge representation, and heuristic search techniques. This course requires significant creative thinking, imagination, and reliance on the student’s ability to solve problems by acting logically, uncertain knowledge and reasoning, and communicating, perceiving and acting.

CAP 4730. Computer Graphics (3). Corequisite: COP 4530. This course covers the fundamental hardware and software elements of computer graphics systems, including: intelligent terminals, communication, numbers, 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 and MAD 2104. This core course is intended for computer science majors with previous C/C++ background. The course introduces fundamental concepts in computer organization and digital logic design, including numbering systems and number representations, logic gates and design techniques, 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. This course explores fundamental concepts in computer design, including datapath and control, pipelining, memory hierarchies, and I/O.

CDA 4150. Computer Architecture (3). Prerequisite: CDA 3101. This course explores high performance architecture design and analysis, including memory-system design, pipelining, vector computers, and multiprocessors.

CEN 4010. Software Engineering Principles and Practice (3). Pre- or Corequisite: COP 4530. This course covers modern software engineering practices that include project management, methodologies, modeling, design, development, and testing. Topics include software development life cycle, teams, project management, and oral presentation.

CEN 4021. Software Engineering II (3). Prerequisite: CEN 4020. This course covers current software engineering projects. Topics include methodologies, project planning, cost estimation, and project implementation.

CEN 4681. Expert Systems (3). Corequisite: COP 4530. This course covers 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.

CGS 2060. Computer Fluency I (3). This course covers computer and digital technology skills and concepts for all majors. Topics cover file management, personal information management, internet communications, word processing, spreadsheet, and other software applications. Topics include theory, tools, requirements specification, requirement review, software development, ethics, software-development life cycle, teams, and project management. Oral presentation required.

CGS 2064. Computer Fluency II (3). Prerequisite: CGS 2060 or equivalent computer experience or instructor permission. This course illustrates how digital technologies are used to support professional environments to assist in productivity. 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 that include digital technology, analysis, database development, and Web development.

CGS 2100. Microcomputer Applications for Business/Economics (3). This course enables students in business and economics to become proficient with microcomputer hardware and software applications that are typically used in the workplace. The following topics are covered: hardware concepts, operating systems, word-processing, spreadsheets, databases, networks, Internet, World Wide Web, multimedia presentations, and information systems. May not be applied toward computer science major or minor. Not open to students with credit in CGS 2100.

CGS 2930r. Special Topics for Non-Majors (1-3). This course covers special topics for non-majors. Topics may vary. This course is repeatable in a single semester with instructor permission. May be repeated to a maximum of three semester hours.

CGS 3066. Web Programming and Design (3). This course provides an overview of the Internet communications and information services, as well as the technologies on which the Internet and Web are built. The course emphasizes Web design, development, and programming with participants learning the latest tools and techniques for building professional-grade, dynamic, and interactive Web pages and information applications.

CGS 3406. Object-Oriented Programming in C++ (3). Prerequisite: MAC 1105. This course covers a brief introduction to computers, C++ basics, procedural abstraction and functions, an introduction to the object-oriented paradigm, namespaces, arrays, strings and vectors, pointers, and recursion. Emphasis is on program problem-solving. May not be applied toward a computer science major.

CGS 3546. Hardware Specializats (3). Prerequisite: MAC 1105. This course covers Java basics, a review of structured and object-oriented programming concepts, classes, constructors, interfaces, exceptions, I/O, graphics concepts, jar files, compilation, virtual machines, applications, applets, APIs, HTML, XML, and XHTML.
CGS 4092. Ethical Issues in Computer Science (2). Prerequisite: A course in computer programming. This theory and skills course is intended for students with a basic knowledge of computer science and computing who need to understand the fundamental concepts and analytical methods in ethics, along with ethical, legal, and social issues and questions in computer science that call for ethical analysis.

CIS 3913r. Intermediate Topics in Computer Science (2–3). Topics and prerequisites vary from term to term and section to section. This course analyzes intermediate topics in the computer science field. The course is offered as a seminar in which a programming language in the context of applications for which the language is particularly suited. May be repeated to a maximum of nine semester hours.

CIS 3943r. Internship in Computer Science (3–6). (S/U grade only.) Prerequisites: COP 4530; successful completion of sixty hours of coursework with a minimum overall GPA of 3.0; a student need not be a computer engineering major, or anyone who is required to take COP 3330. This course requires satisfactory job evaluation and demonstration of educational value of placement, usually via a paper and/or presentation. May be repeated to a maximum of twelve semester hours.

CIS 3949r. Cooperative Education Work Experience (I). (S/U grade only.) Prerequisite: Instructor permission. This non-credit, experiential learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center. May be repeated to a maximum of six semester hours.

CIS 4250. Ethics and Computer Science (3). Prerequisite: COP 3014 or a prior course in computer programming. This course presents basic ethical theories and analysis methods as they apply to ethical, social, and legal issues in computing and information technology. Case studies and hypothetical scenarios are discussed for their social, ethical, and legal aspects as well as analyzed through various ethical methodologies. The course fosters the development of skills in logical and critical analysis of issues and viewpoints, as well as the ability to present a position and support it with a rational argument in a public-speaking context.

CIS 4306. Introduction to Computer Security (3). Prerequisite: CGS 3606 or COP 3014 or equivalent programming course. This course covers computer security threats and attacks, covert channels, trusted operating systems, access control, entity authentication, security policies, models of security, database security, administering security, physical security and TEMPEST, and brief introductions to network security and legal and ethical aspects of computer security.

CIS 4385. Cybercrime Detection and Forensics (3). Prerequisites: CIS 3100 and CJE 4100. This course discusses tools, techniques, and procedures for detecting cybercrime and analyzing collected data related to past and on-going cyber offenses, along with preserving the legal value of the collected evidence.

CIS 4900r. Directed Individual Study (1–4). May be repeated to a maximum of twelve semester hours.

CIS 4903r. Special Topics in Computer Science (3). Prerequisite: at least six semester hours in computer science or software engineering at or above the 4000 level. May be repeated to a maximum of twelve semester hours.

CIS 4939r. Honors Work (3). May be repeated to a maximum of nine semester hours.

CNT 4406. Network Security and Cryptography (3). Corequisite: COP 4530. This course examines threats to computer networks, network vulnerabilities, techniques for strengthening passive defenses, tools for establishing an active network defense, and policies for enhancing forensic analysis of crimes and attacks on computer networks. Topics include private and public key cryptography, digital signatures, secret sharing, security protocols, formal methods for analyzing network security, electronic mail security, firewalls, intrusion detection, Internet privacy, and public key infrastructures.

CNT 4504. Introduction to Computer Networks (3). Corequisite: COP 4530. This course covers circuit-switched and packet-switched networks; protocols; protocol layering; application layer and socket programming; transport layer, multiplexing and demultiplexing, UDP, TCP, reliability, flow control, and congestion control; network layer, routing protocol, switching techniques, multicast, and mobility; link layer, local area networks, error detection and correction; wireless networks; multimedia networking; network security; network management.

CNT 4603. Computer and Network System Administration (3). Prerequisite: CGS 3406 or COP 3014. This course offers a hands-on introduction to Unix and Microsoft Windows systems and network administration. Topics include installation, maintenance, and extension of a multi-user computer system; development of administrative policies and procedures; user assistance and education; specifics of the Unix and Windows operating systems; and practical troubleshooting and problem solving.

COP 3014. Programming I (3). Prerequisite: MAC 1140. This course covers fundamental concepts and skills of programming in a high-level language. Flow of control: sequence, selection, iteration; data types and structures; basic I/O. Variables, operators, expressions; control flow; I/O; functions and program structure; and software design techniques. Eight to ten programming projects are required.

COP 3223. Introduction to Programming with the C Language (3). Prerequisite: MAC 1140. This course is an introduction to C programming. Topics include types, operators, and expressions; control flow; I/O; functions and program structure; and software design techniques. Eight to ten programming projects are required.

COP 3252. Internet Applications Programming with Python (3). Prerequisite: COP 3330. This course covers the applications of the Java language to education, electronic commerce, scientific research, 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 integrated graphical User Interfaces; introduction to Java Swing; and Swing-based application development using various techniques such as 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: COP 3014 or a comparable course in C or C++. Corequisite: COP 3353. This course focuses on object-oriented programming. Topics include object-oriented concepts, object-oriented programming, classes, objects, and inheritance; state and methods; and introduction to data structures and container classes.

COP 3353. Introduction to UNIX (1). This course is for majors and non-majors offering an introduction to the UNIX operating system. Topics include: UNIX history, requesting UNIX accounts, logging in to a UNIX system, basic operating system concepts and file structure, basic commands, text editor(s) (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 3502. Introduction to Computer Science (3). Prerequisite: MAC 1105 and prerequisite course experience. This course covers basic computer organization; computer languages and software; language translation and interpretation; object oriented design; object oriented programming, classes, objects, and inheritance; state and methods; and introduction to data structures and container classes.

COP 3506. Programming Languages (3). Corequisite: COP 4530. This course covers a variety of programming languages including language constructs, syntax, semantics, and implementation aspects. Topics include semantic specification methods, runtime structures, implementation techniques, and alternative programming paradigms. The course involves programming assignments in a variety of languages and individual investigations accompanied by a required written report and oral presentation.

COP 3532. Unix Tools (3). Prerequisite: COP 3330. This course is an introduction to selected Unix tools and utilities that are useful for advanced users, programmers, and system administrators, such as shell scripts, the perl language, revision control systems, debuggers, editors, and the make, awk, sed, and expect utilities.

COP 4380. Reactive Systems Programming (3). Prerequisite: COP 4530. This course covers the theory of Concurrent Programming Systems. This course covers the theory of Hierarchical State Machines [HSM] and the use of HSM to model and implement Reactive Systems [RS]. The course explores implementations of HSM in C, C++, and Java. HSM are applied for modeling and implementing RS including real-time, multi-threaded, and embedded systems.

COP 4530. Data Structures, Algorithms and Generic Programming (3). Prerequisites: COP 3330 and MAD 2104. Prerequisite Corequisite: CDA 3100. This course focuses on definition, use, and implementation of generic data structures using a modern programming language; reusable program components.

COP 4531. Complexity and Analysis of Data Structures and Algorithms (3). Prerequisites: COP 3502 or CDA 3100, or instructor permission. This course covers program performance, operation counts, asymptotic behavior of programs, and data structure analysis. It covers the analysis of complexity of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs.

COP 4610. Operating Systems and Concurrent Programming (3). Prerequisites: COP 4530, CDA 3100, or instructor permission. This course explores design principles of batch, multiprogramming, and time-sharing operating systems; linking, loading, input/output systems, interacting processes, storage management, process and resource control, file systems.

COP 4611. Real-Time Systems (3). Prerequisite: COP 4610 or instructor permission. This course is a survey of issues in the design and implementation of real-time computer systems. Topics include the use of UNIX and operating system kernels; the use of Ada in embedded computer systems, and the implementation of real-time computer systems.

COP 4710. Theory and Structure of Databases (3). Prerequisites: COP 3105 and COP 3130 or COP 4531 or STA 4422. This course is an introduction to relational and object-oriented databases; relational database management systems and SQL; design, development, and implementation issues in database systems.

COP 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 (EJB). The course is an introduction to Java for the development of Java Enterprise Edition development platform either directly or through an Integration Development Environment such as IBM’s WebSphere is also covered.

COT 4420. Theory of Computation (3). Prerequisite: MAD 3105. This course is an introduction to the theory of computation, including models of computation such as Turing machines; theory of programming languages, including grammars, parsing, syntax-directed translation, and formal language theory.

COT 4425. Formal Methods in Software Engineering (3). Prerequisite: MAD 3105. This course examines formal methods in software analysis and design, including formal specification and verification.
CONSUMER AFFAIRS:
see Retail Merchandising and Product Development

COUNSELING PSYCHOLOGY AND HUMAN SYSTEMS:
see Educational Psychology and Learning Systems
Major Requirements for Criminology and Criminal Justice

To major in criminology, a student must complete thirty-six semester hours in criminology and criminal justice coursework, including three core courses. The three 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 may be taken at the community college. A minimum grade of “C” must be obtained in each core course. For acceptable core course substitutions, see the department for an approved list. An optional one-semester, full-time (fifteen semester hour) internship is available. If a student chooses to take the internship, only three of the fifteen semester hours will count toward the required thirty-six hours in the major. Students in the major 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. The College requires students to complete either a full-time internship, minor, or a double major outside of the College.

For students transferring from another four-year university, at least twenty-seven semester hours must be earned at Florida State University in the College of Criminology and Criminal Justice; the University requires the last thirty semester hours prior to graduation be taken at Florida State University. In addition, all University requirements must be met for either the Bachelor of Arts (BA) or the Bachelor of Science (BS) degrees.

**Major Requirements for Computer Criminology**

To major in computer criminology, a student must complete fifty-two semester hours in criminology and criminal justice, computer science, and mathematics courses. Students will complete twenty-four hours in criminology and criminal justice and twenty-five hours in computer science coursework that includes eight core courses. The required core courses from criminology and criminal justice are: CCJ 2020, CCJ 3011, CCJ 4700, and CJE 3110. The required core courses from computer science are: CDA 3100, COP 3014, COP 3330, and COP 3353. A total of six hours of capstone coursework representing criminology and criminal justice and computer science is required. The capstone course for criminology is CCJ 4938 and the capstone course for computer science is CIS 4385. Students must also complete three hours of Discrete Math, MAD 2104. From an approved list, students will choose nine additional hours in criminology and criminal justice as well as twelve additional hours in computer science coursework. Computer science electives may be chosen from: CIS 4250, CIS 4360, CIS 4361, CNT 4406, CNT 4504, CNT 4603, COP 4342, COP 4530, COP 4610, CDA 3101, and COP 4710. Students must earn a “C” or better in CCJ 2020, CCJ 3011 and CCJ 4700 and a “C-” or better in all other courses for the major, and maintain an overall GPA of 2.0. Students with more than four grades below “C-” in criminology, criminal justice, computer science, or prerequisite coursework, whether taken at Florida State University or elsewhere, whether repeated or not, will not be permitted to continue in the major. A minor is not required.

For students transferring from another four-year university, transfer courses within the major are evaluated on an individual basis; the University requires that the last thirty semester hours prior to graduation be taken at Florida State University. In addition, all University requirements must be met for either the Bachelor of Arts (BA) or the Bachelor of Science (BS) degrees.

Approved criminology and criminal justice and computer science courses include: CCJ 3644, CCJ 3666, CCJ 4614, CCJ 4497, CJC 3010, CJE 4610, CJJ 4010, CJL 3510, CJL 4064, CDA 3101, CIS 4360, CIS 4361, CIS 4406, CNT 4504, CNT 4603, COP 4342, COP 4530, COP 4610, COP 4710.

**Minor Requirements**

For information concerning requirements for a minor in criminology, please refer to the ‘Minor Requirements’ section in the “College of Criminology and Criminal Justice” chapter in this General Bulletin.

**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). 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 field experiences.

**Certificates**

The College of Criminology and Criminal Justice offers a distance learning certificate program in criminology.

**Honors in the Major**

The College of Criminology and Criminal Justice encourages eligible 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**

- **Criminology and Criminal Justice**
  - CCJ—Criminology and Criminal Justice
  - CJC—Corrections
  - CJE—Law Enforcement
  - CJJ—Juvenile Justice
  - CJL—Law and Process
  - SCC—Security

- **Computer Science**
  - CDA—Computer Design/Architecture
  - CIS—Computer Science and Information Systems
  - COP—Computer Programming

**Undergraduate Criminology and Criminal Justice Courses**

CCJ 1005. Criminology Freshmen Seminar (3). This course 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). This course is designed to provide freshmen and sophomore students with knowledge of terminology, classification systems, trends, and theories of criminal justice.

CCJ 3011. Criminology (3). This course introduces an examination of the field of criminology, including its theories, basic assumptions, and definitions.

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 investigation, prosecution, and sentencing.

CCJ 3666. Victimology (3). This course examines the role of victims in crimes, their treatment by the criminal justice system, their decisions to report crimes and help prosecute offenders, victim assistance, and victim compensation. Special focus on sexual battery and domestic violence.

CCJ 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 War Tribunals and Peace and Reconciliation Commissions. Particular attention focuses on case studies of the violation or abrogation of human rights doctrines, drawing on literature, law, philosophy, history, religion, and the social sciences to explain and respond to the phenomena of crimes against humanity.

CCJ 3688. Religion and Crime (3). This course examines the influence of religion on crime from historical, sociological, and criminological perspectives. Students learn how religion operates both as a protection against crime and as a motivation for crime.

CCJ 3949r. Cooperative Education Work Experience (0). (S/U grade only) Prerequisite: Instructor permission. This non-credit, experiential learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center.

CCJ 4004. Comparative Criminology and Criminal Justice (3). This course introduces students to a global, comparative approach to the study of crime and criminal justice systems, beginning with the discussion of transnational crime and issues related to its measurement and continuing with the study of the four major legal traditions (common law, civil law, socialist law, and Islamic law) and the analysis of specific components of the criminal justice system across the world, including the police, courts, and corrections.

CCJ 4031. The Individual and Society (3). This course introduces an understanding of normal human behavior and development in social context.

CCJ 4450. Criminal Justice Administration (3). This course is an application of organization and administration theories to the criminal justice system.

CCJ 4497. Criminal 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 4011. Human Behavior (3). This course studies the origins of human and deviant behavior from a multidisciplinary approach (biological, psychological, sociological, criminological, historical, and legal) and explores the theoretical and empirical approaches to deviant behavior such as drug abuse, suicide, mental illness, and sexual deviance.

CCJ 4614. Criminal and Delinquent Behavior (3). This course is an examination of patterns of criminal and delinquent behaviors in light of theories and classification concepts.

CCJ 4662. Minorities, Crime, and Social Policy (3). This course examines the involvement of minorities, especially African-Americans, in crime and in the criminal justice system. Special attention is paid to the role of racism in theories of crime and in American law and to the treatment of minorities by the various components of the criminal justice system. May require community service hours.

CCJ 4663. Women, Crime and Justice (3). This course 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). This course covers basic methodological and statistical issues in criminology.

CCJ 4905r. Directed Individual Study (1–4). Prerequisites: Instructor and departmental approval. This internship facilitates individual-oriented learning to enhance professional development. (S/U grade only.) This internship facilitates individual-oriented learning to enhance professional development.

COP 4610. Operating Systems and Concurrent Programming (3).

COP 4620. Unix Tools (3). Prerequisite: COP 3330. This course is an introduction to Unix and Microsoft Windows systems and network administration. Topics include the following: installation, maintenance, and extension of a multi-user computer system; development of administrative policies and procedures; user assistance and education; specifics of the Unix and Windows operating systems, and practical troubleshooting and problem solving.

CCJ 4114. Police Problems and Practices (3). This course provides an analysis of both the traditional and contemporary issues and problems existing in the law enforcement community. Topics include organizational structure, accountability, supervision, discipline, corruption, police use of deadly force, and the utilization of law enforcement to combat corporate crime, computer crime, and terrorism.

CJE 3110. Law Enforcement (3). This course provides an advanced survey of law enforcement concentrating on the police, and places emphasis on functions (law enforcement, order maintenance, public service) and responsibilities (e.g., preservation of constitutional rights, community relations), including organizational and management aspects.

CJE 4114. Police Problems and Practices (3). This course provides an analysis of both the traditional and contemporary issues and problems existing in the law enforcement community. Topics include organizational structure, accountability, supervision, discipline, corruption, police use of deadly force, and the utilization of law enforcement to combat corporate crime, computer crime, and terrorism.

CJE 4114. Police Problems and Practices (3). This course provides an analysis of both the traditional and contemporary issues and problems existing in the law enforcement community. Topics include organizational structure, accountability, supervision, discipline, corruption, police use of deadly force, and the utilization of law enforcement to combat corporate crime, computer crime, and terrorism.

CJE 4114. Police Problems and Practices (3). This course provides an analysis of both the traditional and contemporary issues and problems existing in the law enforcement community. Topics include organizational structure, accountability, supervision, discipline, corruption, police use of deadly force, and the utilization of law enforcement to combat corporate crime, computer crime, and terrorism.

CJJ 4010. Juvenile Justice (3). This course provides an introduction to the lawful gathering and evaluation of information concerning criminal acts, with attention to the fundamentals of investigation, the organization and management of the investigative process, and the knowledge and skills necessary for investigation.

CJL 4101. Litigation and Trial Practice (3). This course introduces students to the theories and methods of trial as a 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.

Undergraduate Course Science Courses

CDA 3100. Computer Organization (3). Corequisites: COP 3330 and MAD 2104. This course is an introduction to computer science majors with programming background. The course introduces fundamental concepts in computer organization and digital logic 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.

CCJ 4361. Applied Computer Security (3). Prerequisite: CDA 3100. This course addresses threats to and vulnerabilities of information systems and provides hands-on opportunities for students to work with current counter-threat technology. This course also covers interesting principles to support vulnerability assessment and countermeasure design.

CIS 4320. Applied Computer Security (3). Prerequisite: at least six semester hours in computer science or software engineering at or above the 4000 level. Topics include private and public key cryptography, digital signatures, secret sharing, security protocols formal methods of analyzing network security, electronic mail security, firewalls, intrusion detection, Internet privacy, and public key infrastructures.

CIS 4540. Introduction to Computer Networks (3). Corequisite: COP 4530. This course covers circuit-switched and packet-switched networks; protocols; protocol layering; application layer and socket programming; transport layer, multiplexing and demultiplexing; UDP, TCP, reliability, flow control, and congestion control; network layer, routing protocols, switching technologies, multicast, and mobility; link layer, local area networks, error detection and correction; wireless networks; multimedia networking; network security; and network management.

CJL 4565. Courts and Social Policy (3). This course examines the role of courts in determining social policy as it relates to criminal justice. 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 are examined using current social policy materials. The course satisfies oral competency requirements.

SCE 4004. Public and Private Security (3). This course offers 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.

Undergraduate Computer Science Courses

CDA 3100. Computer Organization (3). Corequisites: COP 3330 and MAD 2104. This course is an introduction to computer science majors with programming background. The course introduces fundamental concepts in computer organization and digital logic 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.

CIS 4361. Applied Computer Security (3). Prerequisite: CDA 3100. This course addresses threats to and vulnerabilities of information systems and provides hands-on opportunities for students to work with current counter-threat technology. This course also covers interesting principles to support vulnerability assessment and countermeasure design.

CIS 4390r. Directed Individual Study (3). Prerequisite: COP 4342. This course is an introduction to Unix and Microsoft Windows systems and network administration. Topics include the following: installation, maintenance, and extension of a multi-user computer system; development of administrative policies and procedures; user assistance and education; specifics of the Unix and Windows operating systems, and practical troubleshooting and problem solving.

COP 3014. Programming I (3). Prerequisite: MAC 1140. This course covers 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 the maximum). Basic data types, basic operators, basic functions, basic control structures, and basic expressions. Introduction to C programming language.

COP 3330. Object Oriented Programming (3). Prerequisite: COP 3014 or a comparable course in C or C++ Programming. Corequisite: COP 3353. This course focuses on object-oriented programming in a modern programming language; classes, objects, inheritance, and polymorphism; introduction to data structures and container classes.

COP 3353. Introduction to UNIX (3). This course for majors and non-majors offers an introduction to the UNIX operating system. Topics include: UNIX history, requesting a login to the system, basic system commands and concepts, basic UNIX file structure, basic commands, text editor(s) (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 account from any type of computer and have a basic understanding of the commands and utilities.

COP 3432. Unix Tools (3). Prerequisite: COP 3330. This course is an introduction to selected Unix tools and utilities that are useful for advanced users, programmers, and system administrators, such as shell scripts, the perl language, revision control systems, debuggers, editors, and the make, awk, sed, and expect utilities.

COP 4530. Data Structures, Algorithms and Generic Programming (3). Prerequisites: COP 3330 and MAD 2104. Prerequisite: CDA 3100. This course focuses on definition, use, and implementation of generic data structures using a modern programming language; reusable program components.

COP 4610. Operating Systems and Concurrent Programming (3). Prerequisite: COP 4530, CDA 3100, or instructor permission. This course explores design principles of operating systems, focusing on resource sharing, and time-sharing operating systems; linking, loading, input/output, interrupt handling, processes, interacting processes, storage management, process and resource control, file systems.
COP 4710. Theory and Structure of Databases (3). Prerequisites: COP 3330 and MAD 2104. This course examines the theory of relational and object-oriented databases; relational database management systems and SQL; design, development, and implementation issues in database systems.

Graduate Courses

CCJ 5016. Crimes of the Powerful (3).
CCJ 5020. Penology (3).
CCJ 5028r. Seminar in Criminology and Criminal Justice (3).
CCJ 5029. The Political Economy of Crime and Justice (3).
CCJ 5050. Proseminar in Criminology (3).
CCJ 5078. Computer Applications in Criminal Justice (3).
CCJ 5109. Theory in Criminology and Criminal Justice (3).
CCJ 5285. Survey of Criminal Justice Theory and Research (3).
CCJ 5456. Criminal Justice Administration (3).
CCJ 5546. Prevention and Treatment of Crime and Delinquency (3).
CCJ 5606. Survey of Criminological Theories (3).
CCJ 5607. History of Criminological Thought (3).
CCJ 5609. The Conduct of Inquiry in Criminology and Criminal Justice (3).
CCJ 5636. Comparative Criminology and Criminal Justice (3).
CCJ 5669. Race, Ethnicity, Crime and Social Justice (3).
CCJ 5672. Gender, Crime and Justice (3).
CCJ 5704r. Introduction to Research Methods and Statistics (3).
CCJ 5705. Research Methods in Criminology I (3).
CCJ 5706. Applied Statistics in Criminology I (3).
CCJ 5707. Qualitative Methods in Criminology (3).
CCJ 5709. Survey Research Methods in Criminology and Criminal Justice (3).
CCJ 5740. Data Analysis in Criminology and Criminal Justice (3).
CCJ 5944. Supervised Teaching (3) (S/U grade only.)
CCJ 5945. Field Practice in Criminology (9). (S/U grade only.)
CCJ 5946r. Criminal Justice Practicum (3–6) (S/U grade only.)
CCJ 5971r. Thesis (1–6). (S/U grade only.)
CCJ 5974r. Area Paper in Criminology (1-6). (S/U grade only.)
CCJ 5981r. Directed Individual Study (3). (S/U grade only.)
CCJ 6065. Professional Development in Criminology (3).
CCJ 6109r. Advanced Seminar in Criminological Theory (3).
CCJ 6665. Victimology (3).
CCJ 6708. Seminar in Crime Research (3).
CCJ 6741. Advanced Data Analysis in Criminology and Criminal Justice (3).
CCJ 6920r. Seminar in Theoretical Criminology (3).
CJE 5024. Police and Society (3).
CJU 5020. Juvenile Justice (3).
CJL 5420. Criminal Laws, Criminal Procedure and Individual Rights (3).
CJL 5520. Structure and Process of the American Court System (3).

Note: The following courses are offered only at the Panama City campus as part of the Certificate in Underwater Crime Scene Investigation:

CJE 5766. Forensic Science in Investigation (3).
CJE 5766L. Forensic Science in Investigation Laboratory (2).
CJE 5767. Scientific Underwater Investigation (3).
CJE 5767L. Scientific Underwater Investigation Laboratory (1).
CJE 5768. Underwater Crime Scene Methodology (3).
CJE 5768L. Underwater Crime Scene Methodology Laboratory (1).
CJE 5769. Underwater Crime Scene Investigation (3).
CJE 5769L. Underwater Crime Scene Investigation Laboratory (1).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

CRITICAL THEORY: see Graduate Bulletin

School of DANCE

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Web Page: http://dance.fsu.edu/

Co-Chairs: Patricia Phillips, Russell Sandifer; Professors: Farrell, Fichter, Houlihan, Morgan, Phillips, Sandifer, Sommer, Wagener, Welsh, Young, Zollar; Associate Professors: Austin, Corbin, Glenn, Humphreys, McCullough; Assistant Professor: Atkins; Associates in Dance: Calienes, Fausone

The School of Dance offers work leading to the Bachelor of Fine Arts (BFA) degree in dance. The mission of the Florida State University School of Dance is to provide an environment conducive to the highest caliber of dance training, art making, and scholarship. Our approach encourages fluidity between the processes of making art, honing craft, and deepening intellectual explorations. We cultivate the individual creative voice with exposure to diverse technical and philosophical approaches. Such an environment nurtures exceptional dance practitioners, allows us to make creative and intellectual contributions to the larger dance community, and fosters collaborative endeavors within and beyond our field.

The curriculum is designed to prepare the student who wishes to enter dance as a profession. Of the many professional avenues in which dance can be pursued and practiced, performance and choreography constitute the emphasis of the undergraduate major curriculum at this University. The theoretical aspects of dance (pedagogical, historic, and aesthetic) are also stressed.

To fulfill the purpose of the program, the faculty consists of outstanding artist-teachers and scholars who are committed to the model of intensive professional training within the context of a broad University education. A full production schedule offers extensive opportunities for repertory study, performance, and choreography, complemented by work with guest choreographers and visiting lecturers. Part of the school’s mission is to serve as a regional repertory center for the reconstruction and production of dance masterworks and the creation of original repertory. The program’s facilities include spacious studios and The Nancy Smith Fichter Dance Theatre. The recently established Maggie Allessee National Center for Choreography, a dance and choreographic research center affiliated with the School of Dance, hosts numerous internationally recognized dance artists.

In addition to the dance major degree program, the school offers some liberal studies coursework and elective coursework for the general University student. The school 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 School 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 school’s proficiency standards will be discontinued from the dance major program.

Placement and Proficiency

Intrinsic to the development of a dancer is the technical command of the instrument and the expansion of the vocabulary of movement; therefore, dance majors are continually assessed during their curricular experiences in order to be placed at the correct level of studio work in dance technique. All students are assigned an appropriate placement level in ballet and contemporary dance upon entrance into the program and must maintain continuous participation in ballet and contemporary dance technique classes throughout enrollment in the curriculum. Students who demonstrate the skill necessary for the next level of work upon completion of a studio technique course will be permitted to enroll at the next level. If not, they will be expected to continue in designated courses at their level of technique until they are ready to advance. To meet graduation requirements, the student must achieve and maintain the ballet III level and the contemporary dance II level or the contemporary dance III level and the ballet II level; the advanced proficiency level (III) must be achieved by one semester prior to graduation.
Performance
The dance major is required to participate in a minimum of four performing experiences sponsored by the school.

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 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 Program Prerequisites
The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

Dance—BFA Track
Any twenty-four credit hours from the following thirty credit hours will be accepted toward the major:

1. DAN X610 or DAN X600 (three credit hours)
2. DAN X611 or DAN X601 (three credit hours)
3. DAA X610 (two credit hours)
4. DAA X611 (two credit hours)
5. DAA X680 (two credit hours) or any lower level repertory courses in the 400-499 series for up to four credit hours
6. DAA X681 (two credit hours) or any lower level repertory courses in the 400-499 series for up to four credit hours
7. DAA X200-X209: any lower level ballet technique courses for up to eight credit hours
8. DAA X100-X109: any lower level modern technique courses for up to eight credit hours

Note: Although credit toward the major will be given for these, placement in upper level technique courses will continue to be based on individual student proficiency.

Minimum Requirements for the BFA in Dance

1. Dance Technique. Thirty semester hours and fulfillment of proficiency requirement. Dance technique courses include DAA 3108r, 3109r, 3208r, 3209r, 4110r, 4210r. The student enrolls in both ballet and contemporary dance throughout enrollment as a dance major except in the following two instances: (a) during summer session, students may elect to take only one of the technique courses (either ballet or contemporary dance); (b) if students have achieved and maintained the required proficiency levels in technique 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 semester hours including DAA 2610, 3614, 3654r, DAN 2611

3. Other Dance Courses. Thirty-seven semester hours, including Dance Ensemble (four semester hours of DAA 1683r, 2683r, 3683r, or 4683r); DAE 3384, DAE 2100, 2500, 2610, 3144, 3145, 3146, 3400, 3504, 3584r, 3714r, 3744, 4418 and 4935

4. Liberal Studies. Thirty-six semester hours. Three 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 semester hours. Students exercising the option under requirement four above will complete eighteen elective semester hours.

Total: One hundred twenty-eight semester hours.

The applicability of previous coursework to dance curricular requirements is assessed and determined by the School 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 school 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 School of Dance offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research or creative work. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes
DAA—Dance, Emphasis on Activity
DAE—Dance Education
DAN—Dance

Undergraduate Courses
DAN 4900r. Honors Study in Dance (1–6). Prerequisite: Admission to honors in dance program. Written thesis for creative or academic research done as part of the honors in dance program. May be repeated to a maximum of nine semester hours.

DAN 4935r. Special Topics in Dance (1–3). Prerequisites: Vary depending on topic. Topics may vary from term to term. May be repeated to a maximum of twelve 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 (3). This course is suitable for students with little or no previous ballet training. Includes some theoretical study of the history of the art form and comprehension of the vocabulary of ballet technical terms. May be repeated to a maximum of nine semester hours.

DAA 1201r. Beginning Ballet II—Nonmajors (3). Prerequisite: Faculty placement or instructor permission. This course is suitable for students who are familiar with basic ballet movement. Includes some theoretical study of the history of the art form and comprehension of the vocabulary of ballet technical terms. May be repeated to a maximum of nine semester hours.

DAA 1202r. Beginning Ballet III—Nonmajors (3). Prerequisite: Faculty placement or instructor permission. This course is suitable for students who are ready to learn more complex phrasing and transitioning of basic ballet movement. Includes some theoretical study of the history of the art form and comprehension of the vocabulary of ballet technical terms. May be repeated to a maximum of nine semester hours.

DAA 2203r. Intermediate Ballet—Nonmajors (3). Prerequisite: Faculty placement or instructor permission. This course is designed for ballet students who are ready to develop proficiency at the intermediate level, and includes some theoretical study of the history of the art form as well as comprehension of the vocabulary of ballet technical terms. May be repeated to a maximum of eighteen semester hours.

DAA 3208r. Ballet I (1–3). Prerequisites: Major status and faculty placement or instructor permission. May be repeated to a maximum of twelve semester hours.

DAA 3209r. Ballet II (1–3). Prerequisites: Major status and faculty placement or instructor permission. May be repeated to a maximum of twenty-four semester hours.

DAA 4210r. Ballet III (1–3). Prerequisites: Major status and faculty placement or instructor permission. May be repeated to a maximum of twenty-four semester hours.
Contemporary Dance

DAA 1100r. Beginning Contemporary Dance I—Nonmajors (3). This course develops basic techniques and understanding of the art of contemporary dance. Includes some theoretical study of the history of the art form. May be repeated to a maximum of nine semester hours.

DAA 1102r. Beginning Contemporary Dance II—Nonmajors (2). Prerequisite: Faculty placement or instructor permission. Each course may be repeated to a maximum of six semester hours.

DAA 2103r. Intermediate Contemporary Dance—Nonmajors (3). Prerequisite: Faculty placement or instructor permission. This course is designed for the intermediate contemporary dancer that has had previous movement experience in contemporary dance technique, and includes some theoretical study of contemporary dance history. May be repeated to a maximum of eighteen semester hours.

DAA 3108r. Contemporary Dance I (1–3). Prerequisites: Major status and faculty placement or instructor permission. May be repeated to a maximum of twelve semester hours.

DAA 3109r. Contemporary Dance II (1–3). Prerequisites: Major status and faculty placement or instructor permission. May be repeated to a maximum of twenty-four semester hours.

DAA 4110r. Contemporary Dance III I (1–3). Prerequisites: Major status and faculty placement or instructor permission. May be repeated to a maximum of twenty-four semester hours.

Aspects of Dance Performance

DAA 1680r. Dance Ensemble (1). (S/U grade only.) This course provides experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three semester hours.

DAA 2681r. Special Dance Performance (1). (S/U grade only.) This course provides experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three semester hours.

DAA 3684r. Dance Ensemble (1). (S/U grade only.) This course provides experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three semester hours.

DAA 3695r. Dance Performance (1–2). Majors only. This course includes preparation and public performance of selected roles in dance repertory. Official casting and faculty approval required. May be repeated to a maximum of sixteen semester hours.

DAA 4858r. Dance Ensemble (1). (S/U grade only.) This course provides experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three semester hours.

Dance Composition and Repertory

DAA 2610. Dance Composition (2). Prerequisites: DAA 2610 and major status. This course explores basic rhythmic, spatial, and dynamic materials in the designing of dance movements; improvisation and exploration of various ideological and aesthetic sources.

DAA 2611. Dance Composition (2). Prerequisites: DAA 2610 and major status. This course explores 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: DAA 2611. This course is a 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 3654r. Choreography—Repertory (2). Prerequisite: Instructor permission. This course covers the study and practice of selected works of dance repertory. May be repeated to a maximum of sixteen semester hours.

DAA 4615. Dance Composition (3). Prerequisites: DAA 3614; instructor permission. This course examines the extended choreographic process: production of extended choreographic works.

Rhythmic and Musical Theory

DAN 2610. Rhythmic Analysis (3). This course is an analysis of rhythmic structures and their relationship to dance form and composition.

DAN 2611. Music and Choreography (3). Prerequisite: DAN 2610. This course is an analysis of various elements of music with relationship to dance performance and/or choreography.

Notation and Movement Analysis

DAN 3400. Movement Analysis (3). Prerequisite: DAN 2610. This course introduces and develops a basic understanding of movement-analysis concepts and systems of documentation and reconstruction. An historical survey of dance notation systems and movement analysis theories is conducted. Theoretical materials are examined with emphasis on movement observation, writing and reading skills, and creative use of concepts.

DAN 3445. Labanotation (5). Prerequisite: DAN 2610. This course introduces and develops beginning through intermediate skills. Theoretical materials in labanotation are examined with emphasis on writing and developing reading skills.

DAN 3714. Dance Kinesiology (3). This course covers the study of movement theories and body alignment for the technical aspects of dance performance.

DAN 3744r. Dance Conditioning (2). This course is a studio laboratory for concepts in movement therapy and body alignment. May be repeated to a maximum of four semester hours.

Dance Production and Technology

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 semester hours.

DAN 3504. Dance Production (2). Prerequisite: Instructor permission. This course studies the technical aspects of production.

DAN 3584r. Dance Theatre Laboratory (1). This course covers assigned problems in connection with current dance theatre production. May be repeated to a maximum of four semester hours.

DAN 4418r. Survey of Dance Technologies (3). This course provides training and aesthetic guidance for dance artists through the generation of computer-assisted imagery. It sets a foundation for future work in the areas of dance documentation, preservation, creation, promotion, and multimedia performance. May be repeated to a maximum of six semester hours.

DAN 4484. Documentation Techniques (3). Prerequisite: DAN 4418. This course instructs students in capturing the art of motion, combining hands-on experience with reading, discussion, and critique to develop technical skills and aesthetic awareness related to the documentation of concert dance.

History and Theory of Dance

DAN 2100. Introduction to History and Appreciation of Dance (3). This course is 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 are explored through readings, discussion, media presentation, live performances, and movement laboratories. No prior dance experience is required.

DAN 3144. History and Philosophy of Dance (3). This course covers the origins and development of dance, ritual and social components of dance, as well as dance in early cultures.

DAN 3145. History and Philosophy of Dance (3). This course covers the evolution of dance as a theatrical art form as well as ballet history.

DAN 3146. History and Philosophy of Dance (3). This course covers dance in contemporary times.

DAN 3155. African-American Dance in American Culture (3). This course examines how cultural and artistic expressions can both integrate and divide different groups of people along lines of race and class using African-American dance as a central focus.

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.

Pedagogy

DAE 3384. Methods and Materials in Dance Education (3). This course studies the principles of learning and how they inform the processes of designing lessons and teaching dance. Includes a five-week teaching practicum in local schools in addition to coursework on campus.

Other Courses

DAN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

DAN 4910r. Dance Internship (1–6). This course is a 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 adviser. May be repeated in the same semester with instructor permission to a maximum of twelve 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.)
and DAN 5950r.
DAN 5940r.
DAN 5930r.
DAN 5910.
DAN 5905r.
DAN 5486.
DAN 5194.
DAN 5193.
DAN 5191r.
DAN 5180.
DAN 5110.
DAN 5095.
DAN 5090r.
DAN 5085.
DAN 5055.
DAN 5050.
DAN 5045.
DAN 5030.
DAN 5020.
DAN 5010.

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

Department of EARTH, OCEAN, AND ATMOSPHERIC SCIENCE

COLLEGE OF ARTS AND SCIENCES

Web Page: http://www.eoas.fsu.edu/
*Also Associate, Geophysical Fluid Dynamics Institute

In 2010, the departments of Geological Sciences, Oceanography, and Meteorology merged to form Earth, Ocean, and Atmospheric Science, creating new opportunities for undergraduate and graduate education in the geosciences. The department provides students with an opportunity for holistic study of the Earth’s physical environment. Due to concerns about climate change, environmental sustainability, availability of natural resources and environmental pollution and degradation, the U.S. Bureau of Labor Statistics projects an overall 19% increase in geoscience-related occupations between 2006 and 2016, which is 9% faster than the growth rate for all U.S. occupations. Earth, Ocean, and Atmospheric Science offers three undergraduate degree programs that prepare students for employment or further study in the geosciences:
- a Bachelor of Science in Environmental Science
- a Bachelor of Arts in Environmental Science and Policy
- a Bachelor of Science in Geology
- a Bachelor of Science in Meteorology
- a Bachelor of Arts in Meteorology
- FSU Teach Geoscience Program

The Department of Earth, Ocean, and Atmospheric Science maintains the resources of the three original departments. Our oceanography and meteorology programs are among the leading programs in the country. Our meteorology program is the flagship program in the southeastern United States and is considered to be one of the top five comprehensive meteorology programs in the nation.

Members of the Department of Earth, Ocean, and Atmospheric Science enjoy the benefits of advanced scientific equipment and cooperative research including collaboration with the Geophysical Fluid Dynamics Institute (GFDI), and the Department of Scientific Computing. Scientific computations are handled on equipment ranging from PCs, Macintosh, and Linux computers to networks of scientific workstations and supercomputers.

The Department of Earth, Ocean, and Atmospheric Science maintains a full suite of weather applications software including those supported by the Unidata program and receives real-time National Weather Service data feeds. 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. 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 National Weather Service Forecast Office, located within the department, facilitates interactions between students and professional operational forecasters.

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 surrounding counties and streamed over the Internet. 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 opportunities for our students.

Available for use on student projects are a full array of equipment for investigating radon and radium in the environment, three mass spectrophotometers capable of measuring stable isotope ratios. The department has equipment for investigating carbon dynamics including greenhouse gases in the laboratory and the field. The geochemistry program at the National High Magnetic Field Laboratory has facilities to measure trace level concentrations of most elements of the periodic table as well as measure the isotopic composition of many stable and radioactive elements. These capabilities allow researchers to fingerprint the sources of different elements in the environment
as well as to trace chemical processes. Students and faculty have access to five different types of mass spectrometers to take measurements based on their area of "specialization". The laboratories also include a "clean lab" which allows for processing of small samples as well as determining concentrations at very low levels. The department also houses a large array of equipment for investigation of microbial ecology including equipment for the cultivation of anaerobic microorganisms. The oceanography program brings a large array of equipment for investigations of ocean currents, chemistry, and biology including a seawater flume, three epifluorescent microscopes, equipment for taking photographs of and samples from the deep sea, equipment for measuring temperature, salinity, and oxygen in the field and laboratory, ocean observing instruments and high performance computational resources. The Coastal Research Laboratory includes facilities to support lab and field activities related to coastal and near-shore environmental research: sedimentologic sampling devices, sediment analytic tools, and access to various sediment dating methods. The department also utilizes facilities at the FSU Coastal & Marine Lab, Antarctic Marine Geology Research Facility, Electron-Microscopy Lab and the High Performance Computing Facility. Faculty and students make use of University-National Oceanographic Laboratory System (UNOLS) vessels as well as the R/V Bellows and R/V Suncoaster berthed in St. Petersburg for research cruises around the globe. 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 oceanographers, and other researchers in exciting new fields of research. For additional information, see the department's Web site at http://www.eoas.fsu.edu/.

ENVIRONMENTAL SCIENCE

Earth, Ocean, and Atmospheric Science offers two degrees in Environmental Science. Environmental Science is the interdisciplinary study of environmental systems from a scientific perspective. Drawing principally from the areas of mathematics, geography, and meteorology, the Bachelor of Science in Environmental Science will prepare students in the broader and technical area of geoscience where the greatest expansion in employment opportunities is predicted and is an attractive option for students seeking a broader interdisciplinary major with the rigor of mathematics and the physical sciences at its core. The BS degree will provide a strong basis for graduate study in environmental and earth sciences.

The department also offers a Bachelor of Arts degree in Environmental Science and Policy. The BA degree differs from the BS degree in lower-level mathematics requirements and a greater emphasis on policy. These programs aim to prepare exceptionally well-qualified graduates equipped to work in the interdisciplinary earth sciences, whether in government agencies, NGOs, or the private sector. For additional information, see the department’s Web site at http://www.eoas.fsu.edu/.

GEOLOGY

Earth, Ocean, and Atmospheric Science offers the bachelor of science (BS), master of science (MS), and doctor of philosophy (PhD) in geology. 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 coursework in many areas of surficial, tectonic, environmental, and stratigraphic geology; hydrology; and geochemistry.

The major program is intended to provide a well-rounded introduction to the study of the Earth as well as to prepare the student for more advanced study in the fields of natural resources, environmental planning, oceanography, geophysics, and other earth science specialties. Various scholarships are offered (and part-time work is available) within Earth Ocean and Atmospheric Sciences, with the Florida Geological Survey of the Florida Department of Environmental Protection (on campus), 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.

METEOROLOGY

Earth, Ocean, and Atmospheric Science offers the bachelor of science (BS), bachelor of arts (BA), master of science (MS), and doctor of philosophy (PhD) in meteorology. By tradition, meteorology is divided into four branches: physical, dynamical, synoptic, and applied meteorology. Physical meteorologists deal with such areas as the physics of rain formation, atmospheric electricity, and radiative transfer and remote sensing. Dynamical meteorologists work in such areas as the mathematical representation of atmospheric flow patterns and the numerical prediction of these patterns. Synoptic meteorologists are involved with the description of atmospheric disturbances and with weather forecasting. Applied meteorologists deal with the application of meteorological and climatological knowledge to such areas as agriculture, arclimatology, and air pollution. The undergraduate program provides a broad overview of these branches of meteorology while graduate students are encouraged to specialize in one of them. Meteorologists are needed in research, forecasting, and operational positions to study, interpret and predict weather and climate processes and patterns and to relate these to human activities. Severe storms, floods, droughts and air pollution are examples of atmospheric phenomena, which influence health, transportation, agriculture, and business activities.

Graduate Study in Oceanography and Geology

Earth, Ocean, and Atmospheric Science offers the master of science (MS), and doctor of philosophy (PhD) in Oceanography and in Geology and a nonthesis master of science in Aquatic Environmental Science.

Undergraduates interested in Oceanography or Geology graduate degrees will find the Environment Science BS degree excellent preparation for graduate study. Students may choose a specific area of emphasis including geology (coursework will permit graduates to take the examination leading to Professional Geologist Certification), environmental engineering, biogeochemistry, atmospheric science, or marine biology.

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 applied geosciences/FSU-Teach satisfy this requirement by earning a grade of "C-" or higher in ISC 3523C. Undergraduate majors in environmental science and environmental science and policy satisfy this requirement by earning a grade of "C-" or higher in BSC 2010L. Undergraduate majors in geology satisfy this requirement by earning a grade of "C-" or higher in CGS 2060. Undergraduate majors in meteorology satisfy this requirement by earning a grade of "C-" or higher in MET 3220C.

State of Florida Common Program Prerequisites

The state of Florida has identified common program prerequisites for University degree programs in this department. 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 this program. Students must be admitted into the University without completing the prerequisites, but may not be admitted into the program.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Precisione_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into the upper-division degree programs:

Applied Geosciences, FSU-Teach
1. MAC X311
2. MAC X312
3. PHY X048/X048L and PHY X049/X049L, or PHY X048C and PHY X049C
4. CHM X045/X045L and CHM X046/X046L, or CHM X045C and CHM X046C
5. SMT X043
6. SMT X053

Note: Transfer students will be able to take SMT X043 and SMT X053 when admitted to upper division.

Environmental Science

Environmental Science BS
1. MAC X311
2. STA X122 or ISC X523C
3. BSC X010/X010L
4. CHM X045/X045L
5. PHY X048C or PHY X053C
6. BSC X011/X011L or CHM X046/X046L
7. GLY X010C
Environmental Science and Policy BA

1. MAC X105
2. MAC X140 or STA X122
3. BSC X10/X101L
4. CHM X045/X045L
5. GLY X010C

Geology

1. CHM X045/X045L, or CHM X040 and CHM X041 or CHM X045C
2. CHM X046/X046L or CHM X046C
3. MAC X311 or MTH X281
4. GLY X010C or GLY X010/X010L
5. PHY X048C and PHY X049C, or PHY X048/X048L and PHY X049/ X049L
6. PHY X053C
7. PHY X054C
8. XXX XXXX: Historical Geology is strongly recommended.

Note: The choice of Physics sequence depends on the area of geology specialization.

Meteorology

1. MAC X311
2. MAC X312
3. PHY X048C/X048L and PHY X049/X049L, or PHY X048C and PHY X049C
4. CHM X045/X045L or CHM X045C

Note: Transfer students will be able to take SMT X043 and SMT X053 when admitted to upper division.

FSU-Teach Program in Applied Geosciences

FSU-Teach is an innovative approach to teacher education that involves a collaboration between scientists, mathematicians, and education faculty at Florida State University. In Applied Geosciences/FSU-Teach, students will develop deep science or mathematical knowledge and the knowledge, skills, and experience needed to be an effective science or math teacher. The program includes coursework in meteorology, geology, oceanography, hydrology, and astronomy. The program will pay for tuition for the first two science/teaching courses. Internship positions with scientists, mathematicians and local schools are available. This is a double-major only program. FSU-Teach majors are first admitted into their primary, discipline-specific major and must meet the state-wide common program prerequisites for that major, in this case Applied Geosciences. Later, students apply for admission into a secondary major within the College of Education called Science Teaching/FSU Teach. Upon graduation, students are awarded the BS degree with majors in Applied Geosciences/FSU-Teach and Science Teaching. For more information, see our Web site: http://fsu-teach.fsu.edu.

Bachelor of Science in Environmental Science

A minimum of forty semester hours, as specified below is required. Students should complete the prerequisite coursework for entrance to the major program of study. Students must also have completed a minimum of fifty-two hours of credit and at least half the required hours in Liberal Studies including required English and math, or an AA degree. No required course in which a student has earned a grade below “C-“ may be applied toward the degree in Environmental Science. A student who has received more than five unsatisfactory grades (U, F, D-, D, D+) in science or mathematics courses (and their prerequisites) taken at Florida State University or elsewhere, including repeated unsatisfactory grades in the same course, will not be permitted to graduate with a degree in this major.

Coursework and Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences“ chapter of this General Bulletin.

Environmental Science Core courses (nineteen to twenty hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
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<tbody>
<tr>
<td>GEO 1330</td>
<td>Environmental Science (3)</td>
</tr>
<tr>
<td>MET 2700</td>
<td>General Meteorology (3) or MET 1010</td>
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<tr>
<td></td>
<td>Introduction to the Atmosphere (3)</td>
</tr>
<tr>
<td>OCE 4008</td>
<td>Principles of Oceanography (3)</td>
</tr>
<tr>
<td>OCE 4017</td>
<td>Current Issues in Environmental Science (3)</td>
</tr>
<tr>
<td></td>
<td>GLY 3039 Energy, Resources, and the Environment (3)</td>
</tr>
<tr>
<td>GLY 4751C</td>
<td>Introduction to Remote Sensing &amp; GIS (3) or</td>
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<td>if not available</td>
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</table>

Environmental Science Elective Courses

Choose a total of twenty-one hours, nine of which must be selected from List 1 and the remaining twelve hours from any of the three lists below.

1. Geoscience Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLY 2100</td>
<td>Historical Geology (3)</td>
</tr>
<tr>
<td>GLY 3200C</td>
<td>Mineralogy and Crystallography (3)</td>
</tr>
<tr>
<td>GLY 3610C</td>
<td>Paleontology (4)</td>
</tr>
<tr>
<td>GLY 4544C</td>
<td>Sedimentation and Stratigraphy (4)</td>
</tr>
<tr>
<td>GLY 4820</td>
<td>Principles of Hydrology (3)</td>
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<tr>
<td>MET 2101</td>
<td>Physical Climatology (3) or MET 3103C Climate</td>
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<tr>
<td></td>
<td>Change Science (3) or ISC 2003 Global Change:</td>
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<tr>
<td></td>
<td>Its Scientific and Human Dimensions (3)</td>
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<tr>
<td>EOC 4631</td>
<td>Marine Pollution (3)</td>
</tr>
<tr>
<td>MET 3220C</td>
<td>Meteorological Computations (3)</td>
</tr>
<tr>
<td>MET 3300</td>
<td>Introduction to Atmospheric Dynamics (3)</td>
</tr>
<tr>
<td>MET 4159r</td>
<td>Selected Topics in Meteorology (1-3)</td>
</tr>
<tr>
<td>OCC 4060</td>
<td>Environmental Science Modeling (3)</td>
</tr>
<tr>
<td>OCB 4631</td>
<td>Estuarine and Coastal Ecology (3)</td>
</tr>
<tr>
<td>OCE 4930r</td>
<td>Studies in Oceanography (1-4) (Topics vary:</td>
</tr>
<tr>
<td></td>
<td>Earth System, Marine Microbial Ecology,</td>
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<td></td>
<td>Marine Conservation Biology, Geomicrobiology,</td>
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<td></td>
<td>Environmental Science II, Habitable Planet)</td>
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<tr>
<td>OCP 4005</td>
<td>Introduction to Physical Oceanography (3)</td>
</tr>
</tbody>
</table>

   Other classes are allowed as electives with department permission.

2. Environmental Engineering Tools (these courses can be taken for an engineering focus)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGN 2327L</td>
<td>Civil Engineering Graphics Lab (1)</td>
</tr>
<tr>
<td>CEG 2202C</td>
<td>Site Investigation (4)</td>
</tr>
<tr>
<td>EES 3040</td>
<td>Introduction to Environmental Engineering Science (3)</td>
</tr>
<tr>
<td>EES 3040L</td>
<td>Environmental Engineering Science Lab (1)</td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics (4)</td>
</tr>
<tr>
<td>EGN 2123</td>
<td>Computer Graphics for Engineers (2)</td>
</tr>
</tbody>
</table>

3. Graduate School Preparation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2011</td>
<td>Biological Science II (3) and BSC 2011L Animal</td>
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<tr>
<td></td>
<td>Diversity Laboratory (2) or CHM 1046 General</td>
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<tr>
<td></td>
<td>Chemistry II (3) and CHM 1046L General Chemistry (3)</td>
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<tr>
<td></td>
<td>Introduction to Environmental Science (3)</td>
</tr>
<tr>
<td></td>
<td>Environmental Engineering Science Lab (1)</td>
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<tr>
<td>CHM 2210</td>
<td>Organic Chemistry I (3)</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>Organic Chemistry II (3) and CHM 2211L Organic</td>
</tr>
<tr>
<td></td>
<td>Chemistry II Lab (3)</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytical Geometry I (4)</td>
</tr>
</tbody>
</table>

Collateral Minor 0 beyond required courses.

Twelve hours of required coursework in the Geoscience Elective classes (List 1) in geology (GLY, meteorology (MET) and/or oceanography (EOC, ISC, OCB, OCC, OCE) courses listed above constitute a collateral minor in Earth, Ocean and Atmospheric Science. If a student takes twelve hours in any one of these subject areas, then their collateral minor would be in that area. For example if one takes twelve hours of GLY classes listed above one would have a minor in geology. However, a student may select other minors in consultation with an adviser.

Requirements for a Minor in Environmental Science (for non-environmental science majors)

A minimum of fifteen semester hours of Environmental Science courses approved for major credit as follows: two of the following; MET 1010 (or MET 2700), GYL 2010C or OCE 4008, AND any three courses from the Geoscience Elective courses (List 1).

Bachelor of Arts in Environmental Science and Policy

A minimum of thirty-seven semester hours, as specified below is required. Students should complete the prerequisite coursework for entrance to the major program of study. Students must also have completed a minimum of fifty-two hours of credit and at least half the required hours in Liberal Studies including required English and Math, or an AA degree. No required course in which a student has earned a grade below “C-“ may be applied toward the degree in Environmental Science and Policy. A student who has received more than five unsatisfactory grades (U, F, D-, D, D+) in science or mathematics courses (and their prerequisites) taken at Florida State University or elsewhere, including repeated unsatisfactory grades in the same course, will not be permitted to graduate with a degree in this major.
Coursework and Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Environmental Science and Policy Core Courses (sixteen hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 1330</td>
<td>Environmental Science (3)</td>
</tr>
<tr>
<td>MET 1010</td>
<td>Introduction to the Atmosphere (3) or MET 2700 General Meteorology (3)</td>
</tr>
<tr>
<td>OCE 4008</td>
<td>Principles of Oceanography (3)</td>
</tr>
<tr>
<td>OCE 4017</td>
<td>Current Issues in Environmental Science (3) or GLY 3039 Energy, Resources, and the Environment (3)</td>
</tr>
</tbody>
</table>

Required Policy Courses Choose six hours from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 4357</td>
<td>Environmental Conflict and Economic Development (3)</td>
</tr>
<tr>
<td>GEO 4372</td>
<td>Natural Resource Assessment and Analysis (3)</td>
</tr>
<tr>
<td>PHI 2100</td>
<td>Reasoning and Critical Thinking (3)</td>
</tr>
<tr>
<td>PHI 2620</td>
<td>Environmental Ethics (3)</td>
</tr>
<tr>
<td>PUP 3002</td>
<td>Introduction to Public Policy (3)</td>
</tr>
<tr>
<td>PUP 4203</td>
<td>Environmental Politics and Policy (3)</td>
</tr>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development (3)</td>
</tr>
</tbody>
</table>

Environmental Science Elective Courses Choose fifteen hours from the following two lists. At least three courses must be taken from List 1.

List 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOC 4631</td>
<td>Marine Pollution (3)</td>
</tr>
<tr>
<td>OCB 4631</td>
<td>Estuarine and Coastal Ecology (3)</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>Historical Geology (3)</td>
</tr>
<tr>
<td>GLY 3200C</td>
<td>Mineralogy and Crystallography (3)</td>
</tr>
<tr>
<td>GLY 3610C</td>
<td>Paleontology (4)</td>
</tr>
<tr>
<td>GLY 4544C</td>
<td>Sedimentation and Stratigraphy (4)</td>
</tr>
<tr>
<td>GLY 4751C</td>
<td>Introduction to Remote Sensing, Air Photo Interpretation and GIS for the Earth Sciences (3)</td>
</tr>
<tr>
<td>GLY 4820</td>
<td>Principles of Hydrology (3)</td>
</tr>
<tr>
<td>MET 2101</td>
<td>Physical Climatology (3) or MET 3103C Climate Change Science (3) or ISC 2003 Global Change: Its Scientific and Human Dimensions (3)</td>
</tr>
<tr>
<td>MET 3220C</td>
<td>Meteorological Computations (3)</td>
</tr>
<tr>
<td>MET 3300</td>
<td>Introduction to Atmospheric Dynamics (3)</td>
</tr>
<tr>
<td>MET 4159r</td>
<td>Special Topics in Meteorology (1-3)</td>
</tr>
<tr>
<td>OCC 4060</td>
<td>Environmental Science Modeling (3)</td>
</tr>
<tr>
<td>OCP 4005</td>
<td>Introduction to Physical Oceanography (3)</td>
</tr>
</tbody>
</table>

List 2

Other classes are allowed as electives with department permission.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development (3) If not used as a required policy class</td>
</tr>
<tr>
<td>URP 4404</td>
<td>River Basin Management and Planning (3)</td>
</tr>
<tr>
<td>URP 4423</td>
<td>Introduction to Environmental Planning and Resource Management (3)</td>
</tr>
<tr>
<td>CHM 1046</td>
<td>General Chemistry II (3) or BSC 2011 Biological Science II (3) If not used as a prerequisite</td>
</tr>
<tr>
<td>HFT 3700</td>
<td>Tourism Management and the Environment (3)</td>
</tr>
<tr>
<td>CHM 4080</td>
<td>Environmental Chemistry I (3)</td>
</tr>
</tbody>
</table>

Additional Requirements for the Bachelor of Arts Degree (nine hours)

The Bachelor of Arts degree requires nine semester hours in the fields of humanities and/or history in addition to the Liberal Studies and the foreign language requirement.

Minor: A minor is required.

Environmental Science and Policy majors must complete a minimum of twelve hours in an approved minor area. Declare your minor in the Arts and Sciences Dean’s office.

Requirements for a Minor in Environmental Science and Policy

A minimum of fifteen semester hours which must include two of the following: MET 1010 (or MET 2700), GLY 2010C or OCE 4008, AND any two courses from the Environmental Science and Policy electives, AND one class from the Required Policy Courses list.

Bachelor of Science in Geology

A minimum of thirty-eight semester hours, as specified below, is required. Students should complete the prerequisite coursework for entrance to the major program of study. Students must also have completed a minimum of fifty-two hours of credit and at least half the required hours in Liberal Studies including required English and Math, or an AA degree. A student who has accumulated more than five grades below “C-” (including grades of U) in mathematics, natural science, and statistics courses taken for college credit at FSU or elsewhere, whether repeated or not, will not be allowed admission into or continuation as a geology major.

Coursework and Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Basic Geology courses (twenty eight hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLY 2010C</td>
<td>Physical Geology (with Lab) (4)</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>Historical Geology (3) or GLY 2100L (1)</td>
</tr>
<tr>
<td>GLY 3200C</td>
<td>Mineralogy and Crystallography (3)</td>
</tr>
<tr>
<td>GLY 3310C</td>
<td>Igneous and Metamorphic Petrology (3)</td>
</tr>
<tr>
<td>GLY 3400C</td>
<td>Structural Geology (4)</td>
</tr>
<tr>
<td>GLY 4544C</td>
<td>Sedimentation and Stratigraphy (4)</td>
</tr>
<tr>
<td>GLY 4790</td>
<td>Field Course (6)</td>
</tr>
</tbody>
</table>

Geology Elective courses (ten hours) chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLY 3039</td>
<td>Energy, Resources, and the Environment (3)</td>
</tr>
<tr>
<td>GLY 3610C</td>
<td>Paleontology (4)</td>
</tr>
<tr>
<td>GLY 4240</td>
<td>Principles of Geochemistry (2)</td>
</tr>
<tr>
<td>GLY 4780</td>
<td>Environmental Field Problems (4)</td>
</tr>
<tr>
<td>GLY 4820</td>
<td>Principles of Hydrology (3)</td>
</tr>
<tr>
<td>GLY 4884</td>
<td>Environmental Geology I (3)</td>
</tr>
<tr>
<td>GLY 4905</td>
<td>Directed Individual Study (Geohazards) (3)</td>
</tr>
<tr>
<td>OCB 4631</td>
<td>Estuarine and Coastal Ecology (3)</td>
</tr>
<tr>
<td>OCG 4050</td>
<td>Geological Oceanography (3)</td>
</tr>
</tbody>
</table>

Additional electives can be taken from list of GLY graduate courses with instructor’s permission.

Collateral Courses Twenty-three to twenty-six hours. Collateral courses may also be used to satisfy Liberal Studies, prerequisite, and/or minor requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1045</td>
<td>General Chemistry I (3) and CHM 1045L General Chemistry I Laboratory (1)</td>
</tr>
<tr>
<td>CHM 1046</td>
<td>General Chemistry II (3) and CHM 1046L General Chemistry II Laboratory (1)</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytical Geometry I (4)</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytical Geometry II (4) or STA 2122 Introduction to Applied Statistics (3)</td>
</tr>
<tr>
<td>PHY 2048C</td>
<td>General Physics A (5) or PHY 2053C College Physics A (4)</td>
</tr>
<tr>
<td>PHY 2049C</td>
<td>General Physics B (5) or PHY 2054C College Physics B (4)</td>
</tr>
</tbody>
</table>

Minor The required coursework in math, chemistry, and physics will satisfy the requirement for the minor. However, a student may select other minors in consultation with an adviser.

Requirements for a Minor in Geology

A minimum of twelve semester hours of Geology (GLY) courses approved for major credit including GLY 2010C, GLY 2100, GLY 2100L AND eight hours of GLY courses at the 3000 level or above.

Bachelor of Science in Meteorology

The department 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. 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 at http://www.met.fsu.edu.

Meteorology is a quantitative science requiring extensive preparation in mathematics and physics. Freshmen entering the program are urged to take as many advanced placement (AP), the College-Level Examination Program (CLEP), or other exemption examinations as they can in order to realize maximum flexibility.

Meteorology majors are required to complete a graduation check with the academic coordinator at least one semester prior to graduation. Graduating students also must complete a written exit survey in their final semester, and if possible, an exit interview with the departmental representative. This interview will discuss information provided from the written exit survey. The College of Arts and Sciences will not approve graduation without receiving the written exit survey.
Coursework and Requirements

Required meteorology coursework. MET 2010, 2507C, 2700, 3220C, 3300, 4301, 4302, 4420, 4450, 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. All students must complete PHY 2048C and PHY 2049C and are encouraged to take PHY 3101. While PHY 3101 is optional, it strengthens one’s background for MET 4450 and with PHY 2048C and PHY 2049C qualifies one for a physics minor. Computer science has arranged for a special optional minor for meteorology majors. Their general minor is recommended for anyone considering additional work in computer science. See the “Computer Science” section of this General Bulletin for details. Students wishing to pursue a career as a meteorologist with the federal government should study http://tinyurl.com/3nshpg for the Government’s definition of a meteorologist to help them pick electives to maximize their opportunities.

The Bachelor of Arts (BA) degree may be obtained by completing the Bachelor of Science (BS) degree requirements plus nine additional credits in humanities and history.

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. All other required meteorology, mathematics, chemistry, and physics courses must be completed with a “C-” or better before taking a course for which the technical course serves as a prerequisite. Students earning less than the necessary grade in one of these courses will be required to retake the course until the required standard is met. Retaking a course often delays graduation by one year. 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, physics, and/or statistics) whether taken 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 S/U-grade only MET prefix courses may be used for the total semester hour requirement for a degree in meteorology.

Undergraduate Research

All students, particularly those interested in graduate school, are encouraged to volunteer to assist with research in a faculty member’s lab. This work requires a substantial time commitment and typically involves computer skills that are learned and polished through this experience. Qualified students can use this as the basis for an Honors in the Major senior thesis; for more information, see the chapter in this General Bulletin titled “University Honors Office and Honor Societies.” Dr. Ahlquist is the “honors liaison” for meteorology. Several of our undergraduates have won the American Meteorological Society Macelwane Award for their undergraduate research, and most were not in the Honors in the Major program. In that case, they can register for MET4905 Directed Individual Study (DIS) credit for this work, but that is not required.

Requirements for a Minor in Meteorology

A minor in meteorology requires at least twelve credit hours and must be discussed on an individual basis with a meteorology faculty adviser or academic coordinator. The minor typically begins with MET 1010, MET 1010L, MET 2700, and MET 2101, and options exist for the completion of the minor. MET 2700 has prerequisites of CHM 1045, CHM 1045L, and MAC 2311; and a prerequisite of PHY 2048C. Additional information is available from the academic coordinator in the Department of Meteorology, 404 Love Building. In no case may more than three semester hours in S/U courses apply toward a minor in meteorology.

Definition of Prefixes

ECC—Oceanography/Ocean Engineering
ESC—Earth Science
GLY—Geology
ISC—Interdisciplinary Sciences
MAP—Mathematics Applied
MET—Meteorology
OCB—Biological Oceanography
OCC—Chemical Oceanography
OCE—General Oceanography
OCG—Geological Oceanography
OCP—Physical Oceanography
PEN—Physical Education Activities (General): Water, Snow, Ice
SCE—Science Education

Undergraduate Courses

Earth Science

ESC 2200C. Earth Science for EC/EE Teachers (4).
ISC 2397r. Natural Science Honors Seminar (3).
SCE 4393r. 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 1000. Dynamic Earth (3). This course is an 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 1000L. Dynamic Earth Laboratory (1). Prerequisite or corequisite: GLY 1000 or GLY 1030. This is a laboratory study of minerals, rocks, maps.

GLY 1030. Environmental Issues in Geology (3). This course examines 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). This course is an introduction to the basic geological processes that apply to the planets and moons of the solar system. Observational evidence from spacecraft and earth-based sensors of the surfaces, dynamics, structures, and geologic evolution. The Earth-moon system is presented as a basis for comparison.

GLY 1070. Living on the Water Planet (3). This course provides students with an overview of the basic physics and chemistry of water and the processes that control water supply to natural ecosystems and to human civilization. It covers the hydrologic cycle, floods, drought, groundwater, patterns of water use, threats to water quality, 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). This course examines the 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). This course is an introduction to surficial and internal processes affecting a dynamic planet Earth. For majors in geology and natural sciences. A four-hour laboratory required. Course credit may not be received for this course and also GLY 1000 or GLY 1030.

GLY 2100. Historical Geology (3). This course examines the history of Earth and is an 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 GLY 2100. This laboratory is a study of the physical and biological evidence for the known history of the Earth.

GLY 3039. Energy, Resources, and the Environment (3). Prerequisites: GLY 1000, 2010, or instructor permission. This course examines the origin of our energy and mineral resources (e.g., fossil fuels, uranium, hydrogen), their global supply, and the environmental impacts of extracting and utilizing these resources. Emphasis is placed on the chemical nature of the resources and the impact on the chemical composition of the ocean/atmosphere and the global heat budget. Field trips, in-class demonstrations, and homework exercises provide firsthand experience.

GLY 3200C. Mineralogy and Crystallography (3). Prerequisite or corequisite: CHM 1045 and GLY 2010C. This course is an introduction to mineralogy, crystal chemistry, and crystallography. Three hour laboratory required.

GLY 3220C. Optical Mineralogy (2). Corequisite: GLY 3200C. This course explores the optical properties of crystals and mineral identification by use of the polarizing microscope. Three hour laboratory required.

GLY 3310C. Igneous and Metamorphic Petrology (3). Prerequisite: GLY 3220C. This course focuses on the classification, description, and origin of igneous and metamorphic rocks; relation of these rocks to tectonic processes. Three hour laboratory required.

GLY 3340C. Sedimentary Petrography (2). Prerequisite: GLY 3220C. This course is a 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, GLY 2100L, and GLY 3200C. This course focuses on the theory, processes, mechanics of rock deformation and the deformation of Earth’s crust. Field trip is required.

GLY 3610C. Palaeontology (4). Prerequisites: GLY 2100, 2100L. This course is a review of invertebrate biology, with emphasis on hard-part nomenclature; the occurrence, distribution, evolution, and ecology of fossil invertebrates.
GLY 4240. Principles of Geochemistry (2). Prerequisites: GLY 2010C and basic chemistry. This course focuses on the crystal chemistry of silicates and other minerals; chemical principles and techniques applied to metamorphic, and sedimentary environments and processes; chemistry of natural aqueous systems; chemical equilibria of geologic systems.

GLY 4451. Introduction to Geophysics (3). Prerequisites: MAP 2302 and PHY 2049 or instructor permission. This course explores plate tectonics and earth structure. Current methods of probing the interior: seismology and seismic tomography, geomatics, geology and gravity, geophysics, geochronometry, heat flow, mantle convection, core convection and the geodynamo.

GLY 4511. Principles of Stratigraphy (3). Prerequisite: GLY 3340C. This course is an analysis and synthesis of stratigraphic sequences. Depositional systems; physical and biostratigraphy; geochronology and chronostratigraphy; magnetic, seismic, and sequence stratigraphic principles. Term paper required.

GLY 4544C. Sedimentation and Stratigraphy (4). Prerequisite: GLY 2010C. This course surveys sedimentary rock types, principles of description and classification, sediment genesis and origin of sedimentary deposits, analysis and synthesis of stratigraphic sequences. Topics include: depositional systems; physical and biostratigraphy; geochronology and chronostratigraphy; climate, tectonics, and sequence stratigraphy; and tectonic vs. climatic controls. Term paper required.

GLY 4551. Sedimentology (2). Prerequisite: GLY 3200C. This is a study of modern and ancient sedimentary deposits, measurement of sediment parameters, analysis of sediment transport modes, classification of sediments and sedimentary rocks, statistical reduction of sedimentologic data. Field trip required. Students concentrating in sedimentary geology are strongly urged to take the laboratory GLY 4551L concurrently.

GLY 4551L. Laboratory Methods in Sedimentology (1). This laboratory focuses on standard sedimentologic methods, including textual analysis, heavy mineral separation and identification, carbonatite staining, X-ray diffraction, and statistical reduction of sedimento logical data. May be taken separately. Students concentrating in sedimentary geology should take GLY 4551L concurrently with 4551.

GLY 4700C. Geomorphology (3). Prerequisite: Senior standing. This course is 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). This course examines 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 and techniques for sampling marine sediments and vegetation. A field component required. Credit will be awarded for GLY 4730 or OCE 4505.

GLY 4750. Geological Field Methods (1). (S/U grade only.) Corequisite: GLY 3400C. This course provides a working knowledge and some experience in techniques, procedures, and tools that are essential to geological field research, the professional geologist, and the required summer field course.

GLY 4751C. Introduction to Remote Sensing, Air Photo Interpretation and GIS for the Earth Sciences (3). Prerequisites: GLY 3400C and PHY 2049. This course is an introduction to the study of the earth using photographic and electronic imaging acquired from aircraft and satellites; physics of the interaction between electromagnetic radiation and materials of Earth’s surface and hydrosphere; principles of electronic and microwave imaging; and use of digital image analysis and GIS in the study of earth resources and global change.

GLY 4780. Environmental Field Problems (4). Prerequisite: GLY 2010C. 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 water and sediment analyses. The evaluation of student performance in the course is based upon a series of written reports.

GLY 4790. Field Course (6). Prerequisites: GLY 3400C and GLY 4750. This course is a series of field problems based largely on exposure of strata and structures. Preparation of geologic maps, sections, and reports. Six weeks in May and June.

GLY 4812C. Ore Deposits (3). Prerequisites: GLY 3310C and GLY 3400C. This course is an introduction to the study of metallic deposits. Laboratory studies of ores using the reflected light microscope and economic evaluation of ore deposits.

GLY 4820. Principles of Hydrology (3). Prerequisites: CHM 1046 and PHY 2049C. This course focuses on the fundamentals of hydrogeology with an emphasis on groundwater flow and hydrochemistry. Both theory and applications are addressed.

GLY 4884. Environmental Geology (3). This course examines the application of geologic and geochemical principles to environmental issues. Topics include: an examination of contaminants in surface water and groundwater, hydrothermal systems, and radionuclides; hypotheses on groundwater storage tanks; waste management, including solid, toxic, and nuclear waste; air quality issues including radon and asbestos; geologic hazards in upland and coastal areas; environmental geochemical methods and instrumentation; quality assurance and quality control within environmental analysis; the use of metals as indicators; explosives; radionuclides; hazardous waste; and environmental auditing and assessment.

GLY 4905r. Directed Individual Study (3). May be repeated to a maximum of nine semester hours.

GLY 4915r. Undergraduate Research (2–8). (S/U grade only.) This course includes projects in geological science arranged in advance between the student and a member of the teaching faculty of the department. May not be used to fulfill senior elective requirement. May be repeated to a maximum of eight semester hours.

GLY 4917. Senior Thesis (1). (S/U grade only.) Prerequisite: GLY 4915r. This course consists of a written report and an oral presentation discussing research work done under GLY 4915r. The grade is assigned by a committee of three faculty members.

GLY 4989r. Honors Work (1–6). May be repeated to a maximum of nine semester hours.
Required Courses for Meteorology Majors

MET 2101. Physical Climatology (3). Corequisite: MET 2700. This course covers general distribution of principal climatic elements with emphasis on physical causes. Statistical analysis of distributions of climatological variables.

MET 2507C. Weather Analysis and Forecasting (2). Prerequisite: MET 2700 with a grade of “C” or better. This course provides an introduction to meteorological observations, data, and synoptic analysis practices. This course covers an introduction to weather analysis and forecasting techniques. This course includes discussions of facsimile analysis and prediction materials. Three meetings per week. May be repeated to a maximum of four semester hours.

Prerequisites: MAC 1105 or equivalent and college-level algebra. Corequisite: MET 1010. This course covers data analysis, instrumentation, and weather system models. Two hours per week.

SCS 4835C. Teaching Earth and Space Science (3).

SCS 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1). Note: For descriptions of the courses listed above, see interdisciplinary science courses listed in the appropriate departmental chapters of this General Bulletin.

Elective Courses for Meteorology Majors

MET 3202r. Current Weather Discussion (1). (S/U grade only.) Prerequisite: MET 2700. This course involves practice in preparing and presenting weathercasts for radio and television. May be repeated to a maximum of four semester hours.

MET 4200. Weathercasting (1). Prerequisite: MET 1010. Corequisite: MET 2700. This course involves practice in preparing and presenting weathercasts for radio and television. May be repeated to a maximum of four semester hours.

MET 4202r. Cooperative Education Work Experience (0). (S/U grade only.) Prerequisite: Instructor permission. This non-credit, experimental learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center.

MET 4159r. Selected Topics in Meteorology (1–3). Prerequisite: MET 2700 with a grade of “C” or better. Corequisites: MET 2101, MET 3300, instructor permission. This course covers selected topics in meteorology and climatology not covered in other courses. May be repeated for different material to a maximum of twelve semester hours.

MET 4400C. Meteorological Instrumentation and Observations (3). Prerequisites: PHY 2048C and MET 2700, both with a grade of “C” or better. This course covers theory and practice of calibration and operation of basic sensors, measurement of temperature, heat flow, fluid flow, pressure, and moisture. Two hours lecture, three hours laboratory.

MET 4450. Atmospheric Physics II (3). Prerequisite: MET 4420. This course covers microphysics and dynamics of clouds; growth of ice crystals. Radiative processes in the atmosphere; radiative transfer equation, absorption by gases, Rayleigh scattering. Remote sensing using radars and satellites.

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 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine semester hours.

MET 4945r. Meteorology Internship (1–9). (S/U grade only.) Prerequisite: Instructor permission. This course is a supervised internship individually assigned to accommodate student’s background and objectives. Credit proportional to scope and significance of work. May be repeated to a maximum of nine semester hours.

Graduate Courses

Geology

ESC 521r. Current Topics in Earth Science (3).
ESC 521r. Current Topics in Earth Science (3).
Gly 5135. Quaternary Geology (3).
Gly 5265. Nuclear Geology (3).
Gly 5267. Stable Isotope Tracers in the Environment (3).
Gly 5270r. 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 5466. 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 5577. Sedimentary Basin Analysis (3).
Gly 5599r. 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 Nanofossils (4–8).
Gly 5697C. Cenozoic Planktonic Calcareous Nanofossils (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 5827r. Principles of Hydrology (3).
Gly 5885. Geologic Hazards Assessment (3).
Gly 5887. Environmental Geology I (3).
Gly 5896r. Advanced Topics in Hydrology (1–3).
Gly 5905r. 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.)
Oceanography

Core Curriculum
OCB 5050. Basic Biological Oceanography (3).
OCC 5050. Basic Chemical Oceanography (3).
OCG 5051. Basic Geological Oceanography (3).
OCP 5050. Basic Physical Oceanography (3).

Biological Oceanography
OCB 5015. Marine Nekton: Larval Fish to Whales (3).
OCB 5264. Selected Topics in Coral Reef Ecology (3).
OCB 5565. Marine Primary Production (3).
OCB 5600. Biological Fluid Dynamics (3). (S/U grade only.)
OCB 5635. Selected Topics in Coastal Ecology (3).
OCB 5636. Marine Microbial Ecology (3).
OCB 5639. Marine Benthic Ecology (3).

Chemical and Geological Oceanography
OCC 5052. Aquatic Chemistry (3).
OCC 5062. Marine Isotopic Chemistry (3).
OCC 5415. Marine Geochemistry (3).
OCC 5417. Geochemical Ocean Tracers (3).
OCC 5554. Atmospheric Chemistry (3).
OCG 5457. Stable Isotopes as Tracers in Aquatic Ecosystems (3).
OCG 5664. Paleoceanography (3).

Physical Oceanography
MAP 5431. Introduction to Fluid Dynamics (3).
MAP 6434r. Advanced Topics in Hydrodynamics (2).
MET 5056. Introduction to Physical Oceanography (3).
MET 5160. Ocean Waves (3).
MET 5256. Fluid Dynamics: Geophysical Applications (3).
MET 5263. Equatorial Dynamics (3).
MET 5265. Main Ocean Thermocline (3).
MET 5271. Turbulence (3).
MET 5265. Dynamic Oceanography (3).
MET 5551. Physics of the Air-Sea Boundary Layer (3).

Specialized Instruction and Seminar
OCB 5930r. Special Topics in Biological Oceanography (1–3).
OCB 5939r. Biological Oceanography Seminar (1). (S/U grade only.)
OCC 5419r. Advanced Biogeochemistry: Field Methods and Concepts (3).
OCC 5930r. Special Topics in Chemical Oceanography (1–3).
OCC 5939r. Chemical Oceanography Seminar (1). (S/U grade only.)
OCE 5009rL. Coastal Oceanography and Marine Field Methods (4).
OCE 5908r. Directed Individual Study (1–12). (S/U grade only.)
OCE 5910r. Supervised Research (1–5). (S/U grade only.)
OCE 5940r. Supervised Teaching (1–5). (S/U grade only.)
OCP 5930r. Special Topics in Physical Oceanography (1–3).
OCP 5939r. Physical Oceanography Seminar (1). (S/U grade only.)

General
OCE 5009. Advanced General Oceanography (3).
OCE 5018. Current Issues in Environmental Science (3).
OCE 5554. Habitable Planet (3).
OCG 5106. The Earth System (3).

Meteorology

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).

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).
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. Doctoral Seminar (1).
OCP 5271. Turbulence (3).
OCP 5551. Physics of the Air-Sea Boundary Layer (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

Graduate Study
The department offers courses leading to the Master of Science in Oceanography and a non-thesis Master’s in Aquatic Environmental Sciences, and Doctor of Philosophy in Oceanography and Meteorology. Consult the Graduate Bulletin or http://www.eoas.fsu.edu for details.

The Department of Oceanography offers courses leading to the certificate in oceanography, the non-thesis master’s in aquatic environmental science, the research-based Master of Science in oceanography, and the Doctor of Philosophy in oceanography. Consult the Graduate Bulletin or http://www.ocean.fsu.edu for details.

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

EARLY CHILDHOOD EDUCATION:
see Childhood Education, Reading, and Disability Services

ECOLOGY:
see Biological Science
DeVoe L. Moore and Family Center for the Study of Critical Issues In ECONOMIC POLICY AND GOVERNMENT

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Web Page: http://www.coss.fsu.edu/dmc/

Director: Keith R. Ihlanfeldt; Associate Director: Sam Staley; Professors: Barrillieux, Benson, Chapin, Feiock, Gwartney, Holcombe, Rasmussen

The DeVoe L. Moore and Family Center supports research about the role of government in a market economy, with a special emphasis on state and local regulation. As an interdisciplinary unit in the College of Social Sciences and Public Policy, 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.

College of Social Sciences and Public Policy

ECONOMICS

Web Page: http://www.coss.fsu.edu/economics/

Chair: R. Mark Isaac; Professors: Benson, Cobbe, Cooper, Fournier, Gwartney, R. Holcombe, Ihlanfeldt, Isaac, Marquis, Mason, S. Norrbin, Rasmussen, Schlagenhaufl, Schmertmann; Associate Professors: Atolia, Beaumont, McCaleb, Zuehlke; Assistant Professors: Hammam, Ku, Lightle, Pevnitskaya, Qi, Ryvkin, Semykina, Serra; Courtesy Professors: DuMond, Evans, Falaschetti, Grofler, Stratis; Professors Emeriti: Canterbury, Downing, Laird, Macesich, Rockwood; Lecturers: Calhoun, Corey, L. Holcombe, O. Norrbin, Showman

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. The economics degree offers 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, financial mathematics, public health, social science education, and economic policy and government.

The department’s home page is http://www.coss.fsu.edu/economics.

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 ECO 4421. Undergraduate majors in applied economics satisfy this requirement by earning a grade of “C–” or higher in ECO 4431.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

Economics—Social Sciences

1. ECO X013 and ECO X023, or ECO XXXX and ECO XXXX: two economics courses for three credit hours each

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 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://www.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.
Prerequisites: ECO 2013 and ECO 2023. This course covers consumption, production, and resource allocations 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 and ECO 2023. This course applies economic analysis to current economic policy issues. Topics may include financial markets, Social Security, debt finance, health care, immigration, global climate change and environmental policy, regulation, welfare reform, labor market discrimination, drug policy, and topics selected by students.

ECO 3104. Applied Microeconomic Analysis (3). Prerequisites: ECO 2013; ECO 2023; STA 2122, or STA 2222. This course examines the 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 3130. Free to Choose (3). Prerequisites: ECO 2013 and ECO 2023. This course, dealing with liberty and economic freedom, addresses many present and past social issues and public policy decisions.

ECO 3131. Market Ethics (3). Prerequisites: ECO 2013 and ECO 2023. This course examines the vices, virtues, and values of capitalism to evaluate its ethical properties. It is designed to raise questions and clearly-structured issues so that the student can make informed and thoughtful decisions.

ECO 3223. Financial Markets, the Banking System, and Monetary Policy (3). Prerequisites: ECO 2013 and ECO 2023. This course explores the functions of money, bank creation of deposits, and credit; Federal Reserve control of money supply; and monetary theory and policy questions.

ECO 3303. History of Economic Ideas (3). Prerequisite: Any 2000-level ECO course. This course discusses the evolution of economic ideas from ancient Greece to the modern period emphasizing the relationship between developments in economic analysis and cultural/technological changes. Critique of modern economic theory in terms of its sources and logical content.

ECO 3622. Growth of the American Economy (3). Prerequisites: ECO 2013 and ECO 2023. This course examines the factors in the development of economic forces, resources, sources, institutions, and ideas relating to American economic growth analyzed through growth theories and issue debates on economic history.

ECO 3933r. Special Topics in Economics (3). Prerequisites: ECO 2013 and ECO 2023. This course explores special topics of current interest or of benefit from the specialties of visiting faculty. May be repeated to a maximum of nine semester hours. May be repeated within the same semester.

ECO 4101. Intermediate Microeconomic Theory (3). Prerequisites: ECO 2013 and ECO 2023. This course explores special topics of current interest or of benefit from the specialties of visiting faculty. May be repeated to a maximum of nine semester hours. May be repeated within the same semester.

ECO 4106. Behavioral Economics (3). Prerequisite: ECO 4101. This course examines the consequences for economic analysis when individuals (and groups) deviate from rational behavior in identifiable and predictable ways, and incorporates these systematic biases into more accurate models of economic decision making.

ECO 4132. Economics of Compassion (3). Prerequisites: ECO 2013 and ECO 2023. This course addresses international and domestic issues of compassion, charitable, and philanthropic activities. It offers an economic framework from which students can critically evaluate public and private actions whose purpose is to eliminate hunger, disease, poverty or other human burdens.

ECO 4202. Intermediate Macroeconomic Theory (3). Prerequisites: ECO 2013 and ECO 2023. This course covers the basic model of income determination, 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, ECO 2023, and ECO 3223. This course emphasizes the role of monetary policy in various macroeconomic theories. Focus on controversy over the effects monetary policy has on employment, inflation, and interest rates.
ECO 4270. Economic Growth (3). Prerequisites: ECO 2013 and ECO 2023; ECO 4203 strongly recommended. This course covers the differences in income per capita in-be- tween nations, as well as how economic growth occurs. Topics cover what drives the sustained growth in the standard of living in the United States and other developed countries, how less developed countries might catch up with the developed countries, and what has impeded this process.

ECO 4307. Monetary Thought and History (3). Prerequisites: ECO 2013 and ECO 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; ECO 4101 recommended. This course is a non-technical introduction to strategic decision-making. Focus on situations involving conflict and cooperation and on decision-making under conditions of uncertainty and ignorance. Includes game theory to such topics as bargaining and negotiations, contracting, auctions, and voting.

ECO 4401. Introduction to Mathematical Economics (3). Prerequisites: ECO 2013, ECO 2023, and college calculus. This course uses mathematical techniques such as probability, matrix algebra, and calculus to better understand fundamental principles of economics. It applies these tools to study various topics along supply and demand curves.

ECO 4221. Introduction to Econometrics (3). Prerequisite: ECO 2013; ECO 2023; and STA 2122, or STA 4321. This course introduces statistical inference, estimation, hypothesis testing, regression analysis, and forecasting methods. Emphasis is on model building and policy analysis. Extensive use is made of PC econometric software.

ECO 4411. Analysis of Economic Data (3). Prerequisite: STA 2023, STA 2122, or STA 4321. This course provides basic skills in finding, downloading, displaying, graphing, and analyzing economic data. Topics include locating data sources, graphics methods such as data smoothing and interpolation, basic statistics, and bivariate and multivariate regression.

ECO 4455. Experimental Economics (3). Prerequisite: ECO 2013 and ECO 2023. This course is an introduction to the use of laboratory experimental economics, a relatively new method of economics research in which the classic model of laboratory experiment-ation 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. This course examines the logic of protective actions, 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 instructor permission. This course uses economic models to analyze political decision making. A theory of constitutions is developed and applied to the U.S. Constitution. Models of majority rule, decision making and bureaucratic supply are used to develop an understanding of supply and demand in the public sector.

ECO 4554. Economics of State and Local Government (3). Prerequisite: ECO 2023. This course covers state and local revenues, expenditures, and borrowing; intergovernmental relationships.

ECO 4704. International Trade (3). Prerequisites: ECO 2013 and ECO 2023; ECO 4101 recommended. This course discusses the theory of international trade, the gains from trade, tariffs and other trade restrictions, cartels.

ECO 4713. International Finance (3). Prerequisites: ECO 2013 and ECO 2023; ECO 3223 or ECO 4203 recommended. This course focuses on the balance of payments; disequilibrium and adjustments; birth, evolution, and demise of the Bretton Woods System; the managed float; international monetary reform; multinational corporations.

ECO 4905. Directed Individual Study (1–3). May be repeated to a maximum of six semester hours.

ECO 4922r. Professional Development in Economics (1–3). Prerequisite: Instructor permission. Corequisite: ECO 4944r. This course covers issues that economics students encounter in the workplace: ethics, presentation skills, data gathering and analysis. These topics, as well as problems encountered in students’ field study coursework, are discussed. Limited to Economics and Applied Economics majors in the Economics Internship Program.

ECO 4933r. Senior Tutorial in Economics (1–3). (S/U grade only.) Prerequisite: Senior economics major or minor; or instructor’s permission. This course covers selected topics in economics. Maximum enrollment of five students in each tutorial. Repeatable one time to a maximum of six semester hours.

ECO 4934r. Honors Work (1–3). May be repeated to a maximum of nine semester hours.

ECO 4944r. Field Study in Economics (1–3). Prerequisite: Instructor permission. Corequisite: ECO 4922. This course enables students to receive credit toward the economics major for practical and experimental work in a variety of organizations such as state agencies, banks, and finance departments. Limited to Economics and Applied Economics majors in the Economics Internship Program. May be repeated to a maximum of three semester hours.

ECP 3004. Current Economic Issues of the U.S. (3). Prerequisites: ECO 2013 and ECO 2023. This course is aimed at familiarizing students with tools and institutions economists use to form educated and insightful opinions on important current and future issues.

ECP 3010. Economics of Art and Culture (3). Prerequisites: ECO 2013 and ECO 2023. This course allows students to use traditional economic analysis of supply and demand to examine the markets for “high art.” Students discover in the class that many of the standard approaches to economic analysis apply to these markets, but there are also features of the art markets that are unique.

ECP 3113. Economics of Population (3). Prerequisites: ECO 2013 and ECO 2023. This course examines the consequences of world population growth and change, components of population growth in more- and less-developed countries, population and food supply, nonrenewable resource interrelationships.

ECP 3343. Afro-Americans in the American Political Economy (3). Prerequisites: ECO 2013 and ECO 2023. This course examines the market, institutional, governmental, and political aspects of the Afro-American experience. Also covers theoretical material related to wage determination, labor market discrimination, and marriage and transitions in family structure, as well as interaction between race and class as determinants of the life chances of African-Americans.

ECP 3348. Economics of African History (3). Prerequisite: ECO 2023. This course explores theoretical and empirical examination of wage determination, income maintenance programs, labor force, employment, unemployment, functioning of labor markets, and manpower programs.

ECP 3302. Economics of Natural Resources, Energy, and the Environment (3). Prerequisite: Any 2000-level ECO course. This course focuses on the relationship between natural resource availability and growth, capital theory, economic growth in the environment, the U.S. energy problem and alternatives for the future, an economic appraisal of U.S. energy policy.

ECP 3403. Business Organization and Market Structure (3). Prerequisite: ECO 2023. This course is an introduction to the economic analysis of industry, a survey of market structures, oligopoly and collusion, a variety of commercial practices under imperfect competition, the welfare consequences and policy approaches to the problems of monopoly.

ECP 3451. Economics and the Law (3). Prerequisite: ECO 2000 or 2023. This course is focused on the impact of the legal system on economic activity and the role of economic analysis in assessing the relative efficiency of alternative legal rules and institutions.

ECP 3617. Land Use, Housing, and Government Regulation (3). Prerequisite: ECO 2023. This course provides the theoretical and institutional machinery for analyzing land, housing and mortgage markets, with special attention given to the intended and unintended effects of government regulation of these markets. Important empirical evidence is also reviewed.

ECP 4006. Economics of Sports (3). Prerequisites: ECO 2013 and ECO 2023. This course presents an economic analysis of sports and entertainment. Focus is on industrial organization of the sports market, public finance and sports, labor market, and college and non-profit sports. Similar issues related to entertainment and artistic industries may also be covered.

ECP 4312. Economics of Energy, Environment, and Sustainability (3). Prerequisites: ECO 2023 and ECO 2013. This course explores the idea that in addressing public policy issues involving sustainability of the environment and energy systems, engineering is important for obvious reasons, but without consideration of the human factor, engineering solutions will be incomplete. In the course, students are educated on economic models and analysis of sustainability in energy and environmental systems.

ECP 4413. Government Regulation of Business (3). Prerequisite: ECO 2023. This course is an introduction to the economic analysis of antitrust law and regulation. Topics include price fixing, monopolization, predatory pricing, exclusive dealing, tie-ins, price discrimination, mergers, antitrust enforcement policies, and case studies in economic regulation.

ECP 4452. Economics of Corruption (3). Prerequisites: ECO 2013 and ECO 2023. This course carefully defines corruption and examines its causes and effects, both at the level of the individual and at the level of the society. Different theoretical models of corruption are discussed, along with empirical studies and various successful and unsuccessful anti-corruption policies in a number of countries.

ECP 4505. Economics of Crime (3). Prerequisite: ECO 2013 and ECO 2023. This course examines crime and criminal justice policy using the tools of economics. The focus is on crimes against persons and property, and drug policy. Rational behavior, opportunity cost, markets, bureaucratic behavior, and policy analysis are studied in this context.

ECP 4530. Economics of Health (3). Prerequisites: ECO 2013 and ECO 2023. This course provides an overview of the U.S. health care system, focusing on the following topics: demand for medical care, health insurance, hospitals, physician services, regulation versus competition for cost containment, alternative delivery care systems, financing uncompensated care, Medicare prospective payment system, long-term care, and economic issues concerning health-related behavior (i.e., alcohol, tobacco).

ECP 4613. Urban Economics (3). Prerequisite: ECO 2023. This course is an analysis of trends in urban economics in the U.S. and elsewhere. Introduction to economic and demographic data sources for analysis of urban areas, issues confronting contemporary urban places.

ECP 4618. Research Methods for Studying Housing, Land, and Mortgage (3). Prerequisite: ECO 2023. This course covers the methods used by economists to study the performance of three markets that are central to the American economy: the land, housing, and mortgage markets. Students are responsible for doing their own research project.

ECS 3003. Comparative Economic Systems (3). Prerequisites: ECO 2013 and ECO 2023. This course is a survey of historical development in the economies of East Asia. The course includes an economic analysis of the factors that contributed to the substantial growth in East Asia from 1960-1989 and the subsequent financial crises that ensued in the 1990s.

ECS 3600. Economics of Native Americans (3). Prerequisites: ECO 2013 and ECO 2023. This course examines and challenges the traditional view that the economic sys-tem of Native American communities were comprised. The historical and current evolution of Native economies is considered in light of the evolving relationships (both conflict and cooperation) between Europeans and Natives. Finally, the economic condi-tions of modern Native American communities are examined.
ECS 5013. Economic Principles for International Affairs (3).
ECS 5011. Intermediate Microeconomic Theory (3).
ECS 5114. Applied Microeconomics I (3).
ECS 5116. Imperfect Competition, Factor Markets, and Income Distribution (3).
ECS 5117. Applied Microeconomics II (3).
ECS 5133. Markets and Auctions (3).
ECS 5204. Macroeconomic Theory I (3).
ECS 5205. Money and National Income Determination (3).
ECS 5206. Macroeconomic Theory, Practice, and Policy (3).
ECS 5207. Macroeconomic Theory II (3).
ECS 5208. Global Macroeconomics (3).
ECS 5226. Issues in Money and Banking (3).
ECS 5281. Financial Economics I (3).
ECS 5282. Financial Economics II (3).
ECS 5305. History of Economic Thought (3).
ECS 5403. Static Optimization in Economics (3).
ECS 5405. Introduction to Mathematical Economics (3).
ECS 5408. Computational Economics I (3).
ECS 5416. Econometrics I (3).
ECS 5417. SAS Programming (3).
ECS 5420. Applied Econometrics (3).
ECS 5423. Econometrics II (3).
ECS 5424. Econometric Methods for Panel Data (3).
ECS 5427. Limited Dependent Variable Models (3).
ECS 5428. Time Series Analysis (3).
ECS 5434. Analysis of Economic Data (3).
ECS 5505. Public Economics (3).
ECS 5506. Public Goods (3).
ECS 5533. Public Choice (3).
ECS 5706. Seminar in International Trade Theory and Policy (3).
ECS 5707. International Trade (3).
ECS 5715. International Finance (3).
ECS 5906r. Directed Individual Study (3), (S/U grade only.)
ECS 5907r. Directed Individual Study (3).
ECS 5914. Supervised Research (1–5), (S/U grade only.)
ECS 5922r. Professional Development for Economists (0–2).
ECS 5932r. Graduate Tutorial in Economics (1–3).
ECS 5936r. Special Topics (1–3).
ECS 5940r. Supervised Teaching (1–5), (S/U grade only.)
ECS 5972r. Extended Master’s Paper (3), (S/U grade only.)
ECS 5973r. Applied Master’s Project (3).
ECS 6209. Topics in Macroeconomics (3).
ECS 636. Topics in Microeconomics (3).
ECS 6938r. Doctoral Workshop (0–3), (S/U grade only.)
ECS 6939r. Teaching Workshop (0–3), (S/U grade only.)
ECP 5115. Seminar in the Economics of Population (3).
ECP 5117. Mathematical Demography (3).
ECP 5205. Labor Markets (3).

### Graduate Courses

ECP 5405. Industrial Organization (3).
ECP 5415. Social Control of Business (3).
ECP 5456. Law and Economics (3).
ECP 5457. Economics of Corruption (3).
ECP 5536. Economics of Health (3).
ECP 5537. Applied Health Economics (3).
ECP 5538. Health Policy Statistics (3).
ECP 5606. Urban and Regional Economics (3).
ECS 5005. Seminar in Comparative Economics Systems (3).
ECS 5335. Economics in Transition (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the *Graduate Bulletin.*

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**EDUCATIONAL ADMINISTRATION/LEADERSHIP:**

see Educational Leadership and Policy Studies
This course studies the organization, policies, and practice of American public education and its mutual interactions with other aspects of society.

EDF 4906r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of twelve semester hours.

EDH 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

LDR 2101. Leadership Theory and Practice (3). This course is designed to inspire, teach, and engage students in the process of leadership development, this course introduces students to leadership theory and helps them understand their unique role in leadership on campus, in their academic discipline, and within our larger society.

LDR 2162. Leadership in Groups and Communities (3). This course is designed to inspire, teach, and engage students in the process of leadership development within the context of working with groups and communities. This course helps students develop the skills necessary in order to be effective in the leadership process and to practice these skills within their community. The course is highly interactive with student participation and outside class involvement as critical components to the learning process.

LDR 2163. Emerging Leaders (3). This course enables students to develop their intellectual, interpersonal, and social skills through their experiences as members in organizations. This course is designed to prepare students for leadership roles and challenges they face in their organizations, on campus, and in the community. The course is highly interactive with student participation and outside class involvement as critical components to the learning process.

LDR 3215. Leadership and Change (3). This advanced leadership course examines the change process and prepares leaders who are effective in working with individuals, groups, and organizations in leading and managing change. This is an interactive theory-to-practice course, focused on leadership as a change process.

LDR 3263. Leadership Experience (3). This experiential-based course offers participants an opportunity to put into practice the knowledge, theory, and skills they have learned in previous courses in the Certification program. Students select and create an experience, complete an experiential learning contract for the course, and do extensive reflection on their experience throughout the course.

LDR 4105. Leadership and Complexity (3). This final course in the Certificate in Leadership Studies builds upon the leadership literature, theory and experience foundation created in the previous certificate courses. This course provides opportunities for analysis of student’s experiential opportunity, advanced theory to practice work, and development of personal leadership theory and integrated learning plan.

LDR 4404. Student Affairs Leadership (3). This course offers practical information and activities designed to familiarize students with theories, organizational structures, and issues/trends/challenges of the student affairs profession. It is designed to provide students an opportunity to gain knowledge in the theory and practical application of student affairs, with an emphasis placed on leadership development, problem solving, and career exploration.

MHS 4001. The Human Services Profession (3). This course is an exploration of the nature of human service work. Analyzes past, present, and future issues in human service work. Topics include: human service professions and systems approaches; personal, career, and family development; the delivery of human services; and program development and evaluation, with a special emphasis upon the rehabilitation process.

Graduate Courses

ADE 5070. Comparative and International Adult Education (3).
ADE 5193. Education and Training in Gerontology (3).
ADE 5385. Adult Learning (3).
ADE 5675. Issues in Adult and Continuing Education (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 6920r. Adult Education Colloquium (1). (S/U grade only.)
CGS 5310. Technology and Communication in Schools (3).
ECT 5905r. Directed Individual Study (1–3). (S/U grade only.)
ECT 5915r. Supervised Research (1–4). (S/U grade only.)
ECT 5947r. Internship (1–8). (S/U grade only.)
ECT 5973r. Specialist in Education Thesis (1–6). (S/U grade only.)
ECT 6980r. Dissertation (1–12). (S/U grade only.)
ECT 8964r. Preliminary Doctoral Examination (0). (P/F grade only.)
ECT 8966r. Specialist in Education Comprehensive Examination (0). (P/F grade only.)
ECT 8978r. Specialist in Education Thesis Defense (0). (P/F grade only.)
ECT 8985r. Dissertation Defense (0). (P/F grade only.)
EDA 5069. Ethics in Educational Leadership (3).
EDA 5109. Educational Management Development (3).
EDA 5191. Leadership for Diversity (3).
EDA 5192. Educational Leadership (3).
EDA 5218. Application of Leadership Theory (3).
EDA 5219. Human and Fiscal Resources in Education (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).
Department of Educational Psychology and Learning Systems

College of Education
Web Page: http://coe.fsu.edu/EPLS

Chair: Betsy Becker; Professors: Becker, Driscoll, Eklund, Klein, Pfeiffer, Prevatt, Sampson, Shute, Tenenbaum; Associate Professors: Almond, Darabi, Demmen, Eber, Eccles, Jeong, Losh, Proctor, Roehrig; Assistant Professor: Canto, Johnson, Ke, Lampropoulos, Osborn, Paek, Phillips, Turner, Yang; Professors Emeriti: Branson, Kaufman, Keller, Kelly, Pargman, Peterson, Reardon, Reiser, Walter

The Department of Educational Psychology and Learning Systems offers degrees only at the Master's, Specialist, and Doctoral levels. However, the department does offer several undergraduate courses that are components of the teacher education curriculum. For more information about the department, refer to the Graduate Bulletin.

The following graduate-level programs and certificates are offered by the Department of Educational Psychology and Learning Systems:

- Educational Psychology:
  - Learning & Cognition M,S,D
  - Sports Psychology M,D
- Measurement & Statistics M,S,D
- Instructional Systems
  - Instructional Systems M,D
  - Open and Distance Learning M
- Performance Improvement and Human Resource Development M
- Counseling & Human Systems
  - Career Counseling Combined M/S
  - Mental Health Counseling Combined M/S
  - School Psychology S
- Counseling Psychology & Human Systems
  - Combined Program in Counseling Psychology & School Psychology D
- Rehabilitation Counseling M,S
- Graduate Certificate in Human Performance Technology
- Graduate Certificate in Online Instructional Development

Definition of Prefixes

ADE — Adult Education
APK — Applied Kinesiology
DEP — Developmental Psychology
EDF — Education: Foundations and Policy Studies
EDG — Education: General
EDP — Educational Psychology
EGI — Education: Gifted
EME — Education: Technology and Media
MHS — Mental Health Services
PCO — Psychology for Counseling
PET — Physical Education Theory
PSB — Psychobiology
RCS — Rehabilitation Counseling Services
SDS — Student Development Services
SLS — Student Life Skills (Learning)
SPS — School Psychology
SYP — Social Processes

Undergraduate Courses

APK 4400. Sport Psychology (3). This course explores selected psychological theories applicable to sport and exercise behavior.

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 the generalizability of observations, using traditional and alternative assessment strategies, interpreting and using data to improve achievement, and utilizing assessment in the process of learning.

EDF 4440. Measurement and Evaluation in the Classroom (3). This course prepares teachers for activities in testing, grading, test construction, and the interpretation and use of test scores.

EDF 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

EDG 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

EGI 4011. Introduction to Gifted and Talented Students (3). This course focuses on the nature and needs of exceptional children and youth including the special groups of underachieving, culturally diverse, women, and handicapped gifted.

EME 2040. Introduction to Educational Technology (3). This course is an introduction to the use of educational technology in teaching and learning. Students learn to use personal computers and other technology for communication, presentations, and resource acquisition.

EME 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

EME 4044. Educational Technology Theory and Practice in Instruction (3). This course focuses on the current theories and practices of using technology in teaching and learning. Students participate in a computer-supported collaborative learning environment and integrate technology into their practices.

EME 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of twelve semester hours.

MHS 4003. Introduction to the Psychology of the Gifted (3). Prerequisites: Senior standing and 3.0 GPA in major. This course examines current issues in intelligence, creativity, talent development, and giftedness. Course topics include theories of intelligence, the four P's of creativity, conceptions of giftedness, and why certain groups of students are underrepresented in gifted programs.

RCS 1065. 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.

RCS 4039. Helping Strategies and Case Management in Rehabilitation (3). This course offers training in basic interviewing techniques and case management skills in rehabilitation. Includes case recording, ecological assessment, individual treatment planning, crisis intervention, referral, and interdisciplinary collaboration.

RCS 4060. Psychosocial Aspects of Diversity (4). This course examines the psychological and social factors related to adjustment and diverse populations, including minorities, women, persons with disabilities and other adults.

RCS 4081. Medical Aspects of Disability and Chronic Illness (3). This course offers an introduction to the structure of medicine in the United States. Topics cover a survey of medical specialties and terminology, as well as a survey of body systems, common malfunctions, therapeutic services, and restorative techniques.

RCS 4240. Psychosocial Aspects of Rehabilitation (3). This course offers an overview of the psychological and social factors related to the adjustment or adaptation to a disability and to the provision of rehabilitation services, while also addressing the relationship between disability and culture.

RCS 4300. Vocational Aspects of Rehabilitation (3). This course deals with the theories, methods, and practices of career development; utilizing occupational information and labor market trends; and understanding of requirements and characteristics of a variety of occupations, job analysis, and job modification and restructuring.

RCS 4820r. Internship in Rehabilitation Services (7-15). (S/U grade only.) This course is a full or half semester internship in a rehabilitation services setting. May be repeated to a maximum of fifteen semester hours.

RCS 4840. Field Experience in Rehabilitation (3). (S/U grade only.) This course is a supervised clinical practice in a rehabilitation agency or community service organization. Duties include such activities as interviewing, assessment, case management, service coordination, and life skills training.

RCS 4930r. Special topics in Rehabilitation Counseling (1-4). This course studies special topics in rehabilitation counseling in depth. May be repeated within the same term to a maximum of twelve semester hours.

SOS 3340r. Introduction to Career Development (1–3). This course focuses on the 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 semester hours.

SOS 4481. Communication and Human Relations (3). This course focuses on the relevant dimensions of the helping relationship and the development of effective communications skills.

SLS 1122. Strategies for Academic Success (3). This course offers a positive intervention to facilitate academic success and to promote retention for first-time-in-college students who are academic difficulty after their first term of full-time enrollment at Florida State University. Focus is on the development of study skills required for college-level work as well as on the identification and minimization of barriers that impede individual student achievement.

Graduate Courses

ADE 5080. Foundations of Adult and Continuing Education (3).

ADE 5083. Human Resource Development (3).
AWE 5186. Program Leadership Development (3).
AWE 5189. Staff Training and Development (3).
AWE 5380. Processes of Community and Adult Education (3).
AWE 5385. Adult Learning (3).
AWE 5672. E-Learning for Managers (3).
AWE 5932r. Special Topics in Adult Education (1–3).
APK 5121. Sport and Exercise Psychology for Coaches (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 5442. Inquiry and Measurement for Practitioners (3).
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 6499. Discourse and Conversation Analysis (3).
EDF 6933r. Advanced Measurement Seminar: Decision Processes (2).
EDF 6937r. Seminar in Advanced Research Problems (1–3).
EGD 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. Advanced Instructional Design and Development (3).
EDP 5216. Principles of Learner Motivation (3).
EDP 5275. Development of Children in School (3).
EDP 5285. Group Processes in Instruction (3).
EDP 5935. Topics in Educational Psychology (3).
EGI 5936r. Seminar for Teachers of the Gifted (3).
EGI 5940r. Mentorship Practicum for the Gifted (5).
EME 5045. Media, Text, and Technology (3).
EME 5457. Introduction to Distance Learning (3).
EME 5601r. 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 5975r. Portfolio Review for Certificate Program in Online Instructional Development (0). (S/U grade only.)
EME 6337. Evaluation of Training in HPT (3).
EME 6403. Designing for Online Collaborative Learning (3).
EME 6414. Web 2.0-Based Learning and Performance (3).
EME 6415. Development of Computer Courseware (3).
EME 6476. Internet Based Inquiry (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 5801r. Practicum in Counseling and Rehabilitation (4).
MHS 5806r. Supervised Teaching (1–4). (S/U grade only.)
MHS 5860r. Supervised Teaching (1–4). (S/U grade only.)
MHS 5905r. Directed Individual Study (1–3).
MHS 6190r. Practicum in Counseling and Rehabilitation (4).
MHS 6220. Individual Appraisal in Counseling (3).
MHS 6300. Theories of Vocational Behavior (3).
MHS 6401. Evidence-Based Counseling/Psychotherapy (3).
MHS 6410. Behavior Management: Principles and Applications (3).
MHS 6600. Consultation and Organizational Development (3).
MHS 6610. Supervision (3).
MHS 6610. Supervision (3).
MHS 6630. Program Development and Evaluation in Counseling (3).
MHS 6803. Seminar in Ethics, Law, and Clinical Supervision (3).
MHS 6805. Advanced Group or Individual Counseling Practicum (1–4).
MHS 6805r. Advanced Group or Individual Counseling Practicum (4).
MHS 6820r. Counseling Internship (3–6). (S/U grade only.)
MHS 6930r. Field Practicum in Counseling Psychology (3).
MHS 6947r. Field Practicum in Counseling Psychology (2–16). (S/U grade only.)
MHS 6980r. Dissertation (1–12). (S/U grade only.)
PCO 5095. Computer Applications in Counseling Psychology and Other Human Services (3).
PCO 6930. Integrative Seminar (3).
PET 5064. Motor Skill Learning (3).
PET 5216. Applied Sport and Exercise Psychology (3).
PET 5222. Cognitive Processes in Sport 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).
RCS 5080. Medical Aspects of Disability (3).
RCS 5245. Psychosocial and Multicultural Aspects of Disability (3).
RCS 5250. Assessment in Counseling and Rehabilitation (3).
RCS 5320. Placement Methods and Techniques (3).
RCS 5410. Principles and Practices in Rehabilitation Counseling (3).
RCS 5626. Administration and Supervision in Rehabilitation (3).
RCS 5845r. Leadership Practicum in Rehabilitation (3–6).
RCS 5930r. Special Topics in Rehabilitation (3).
RCS 6249. Advanced Psychological and Social Aspects of Disability (3).
RCS 6259. Advanced Assessment in Rehabilitation Counseling (3).
RCS 6400. Advanced Theories and Principles of Rehabilitation (3).
RCS 6700r. Professional Issues in Rehabilitation Counseling (3).
SDF 5820r. Internship (4–12). (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 in Children and Adolescents (3).
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.)
Bachelor of Science in Electrical Engineering—Program Educational Objectives

Our BS in Electrical Engineering graduates will:
1. Have a successful career in electrical engineering
2. Be enrolled in or have completed a MS or PhD program
3. Have a career in digital systems, DSP, control systems, microelectronics, power systems, or electromagnetics
4. Participate in either the research, development, or application of engineering solutions that have had a positive impact on society
5. Make contributions to workforce diversity
6. Have shown a commitment to life-long learning and continuous self improvement
7. Have become proficient in the oral and written communications of their work and ideas

Bachelor of Science in Computer Engineering—Program Educational Objectives

Our BS in Computer Engineering Graduates will:
1. Have a successful career in computer engineering
2. Be enrolled in or have completed a MS or PhD program
3. Have a career in digital systems, digital signal processing, computer networks, or VLSI
4. Participate in either the research, development, or application of engineering solutions that have had a positive impact on society
5. Make contributions to workforce diversity
6. Have shown a commitment to life-long learning and continuous self improvement
7. Have become proficient in the oral and written communications 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 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 Program Prerequisites**

The state of Florida has identified common program 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 not be admitted into the University without completing the prerequisites, but may not be admitted into the program.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

**Computer Engineering**

1. MAP X302
2. MAC X311 or MAC X281
3. MAC X312 or MAC X282
4. MAC X313 or MAC X283
5. CHM X045/X045L or CHM X045C or CHS X440
6. PHY X048/X048L or PHY X048C
7. PHY X049/X049L or PHY X049C

**Electrical Engineering**

1. MAC X311 or MAC X281
2. MAC X312 or MAC X282
3. MAC X313 or MAC X283
4. MAP X302 or MAP X305
5. CHM X045/X045L or CHM X045C, or CHS X440 and CHM X045L, or CHS X440 only, if for four credit hours and includes a lab
6. PHY X048/X048L or PHY X048C, or PHY X043 and PHY X048L
7. PHY X049/X049L or PHY X049C, or PHY X044 and PHY X049L

**Common Required Courses for Bachelor of Science Degrees and Dual Majors**

All candidates for Bachelor of Science in Electrical Engineering (BSEE), Bachelor of Science in Computer Engineering (BSCpE), and Bachelor of Science in dual majors (BSEE and BSCpE) are required to complete a total of one hundred three semester hours of common required courses, of which twenty-four hours are English, social science, and humanities courses; forty-two hours are engineering core courses (listed below); and thirty-seven hours are required electrical and computer engineering courses (listed below).

**Engineering Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COP 3014</td>
<td>Programming I (3)</td>
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<tr>
<td>CHM 1045C</td>
<td>General Chemistry I (4)</td>
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<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics (4)</td>
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<tr>
<td>EML 3100</td>
<td>Thermodynamics (2)</td>
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<tr>
<td>MAC 2311</td>
<td>Calculus with Analytical Geometry I (4)</td>
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<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>
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<tr>
<td>MAP 2302</td>
<td>Ordinary Differential Equations (3)</td>
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**Required Electrical and Computer Engineering Courses**

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<thead>
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<td>EEE 3300</td>
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<td>EEE 3300L</td>
<td>Electronics Laboratory (1)</td>
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<td>EEL 3111</td>
<td>Introductory Circuit Analysis (3)</td>
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<td>EEL 3112</td>
<td>Advanced Circuits with Computers (3)</td>
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<td>Advanced Circuits with Computers Laboratory (1)</td>
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<td>EEL 3135</td>
<td>Signal and Linear Systems Analysis (3)</td>
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<td>EEL 3472</td>
<td>Electromagnetic Fields I (3)</td>
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<td>EEL 3705</td>
<td>Digital Logic Design (3)</td>
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<td>EEL 3705L</td>
<td>Digital Logic Laboratory (1)</td>
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<tr>
<td>EEL 4021</td>
<td>Statistical Topics in Electrical Engineering (3)</td>
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<td>EEL 4515</td>
<td>Digital Communication Systems (3)</td>
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<tr>
<td>EEL 4746</td>
<td>Microprocessor-Based System Design (3)</td>
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<tr>
<td>EEL 4746L</td>
<td>Microprocessor-Based System Design Laboratory (1)</td>
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<tr>
<td>EEL 4911C</td>
<td>Senior Design Project I (3)</td>
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<tr>
<td>EEL 4915C</td>
<td>Electrical Engineering Senior Design Project II (3)</td>
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<tr>
<td>EEL 4914C</td>
<td>Computer Engineering Senior Design Project II (3)</td>
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</tbody>
</table>

**Requirements for a Major in Electrical Engineering**

Students majoring in electrical engineering require one hundred twenty-eight semester credit hours to graduate, of which one hundred three hours are common required courses listed above, twelve semester hours are required Tier-2 electrical engineering courses, and thirteen semester hours are technical elective courses.

All engineering majors are required to complete four of the following six Tier-2 courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EEE 4351</td>
<td>Solid-State Electronic Devices (3)</td>
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<td>EEL 3216</td>
<td>Fundamentals of Power Systems (3)</td>
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<td>EEL 3473</td>
<td>Electromagnetic Fields II (3)</td>
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<td>EEL 4652</td>
<td>Analysis and Design of Control Systems (3)</td>
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<td>EEL 4710</td>
<td>Introduction to Field Programmable Logic Devices (3)</td>
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</tr>
<tr>
<td>EEL 4510</td>
<td>Digital Signal Processing (3)</td>
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**Technical Electives for Electrical Engineering Major**

- One semester hour must be an electrical engineering (EE) laboratory elective
- Nine semester hours must be EE technical electives
- Three hours may be an EE technical elective or a non-EE technical elective

The non-EE technical elective must be selected from a list of departmentally approved courses offered by other departments at Florida State University. Courses not on the list may be taken with prior approval of the department.

**Requirements for a Major in Computer Engineering**

Students majoring in computer engineering require one hundred twenty-eight semester credit hours to graduate, of which one hundred three hours are common required courses listed above. The other twenty-five semester credit hours include thirteen semester hours of computer science courses (listed
Prerequisite: MAP 3305 or MAP 3306 or MAS 3105. This course covers semiconductor physics, digital-logic fundamentals, static-inverter analysis, static logic-gate analysis, dynamic-switching analysis, and combinational - logic design. 

EEE 4330. Microelectronics Engineering (3). Prerequisites: EEE 3300 and EEE 3300L. This course covers design and fabrication of solid-state devices. Topics include oxidation, diffusion, metallization, photolithography, and device characterization.

EEE 4331. Solid-State Electronic Devices (3). Prerequisites: EEE 3300 and EEE 3300L. This course covers solid-state physics as applied to electronic devices. The course focuses on semiconductor materials, conduction process in solids, device fabrication, diffusion processes, and negative conduction devices.

EEE 4363. Feedback Amplifier Principles (3). Prerequisite: EEE 3300. This course introduces basic concepts of multi-stage audio-frequency amplifiers, including feedback techniques and stability principles and power-saturation criteria.

EEE 4376C. Introduction to Analog IC Design (3). Prerequisite: EEE 3300. This course covers the design and analysis of bipolar and MOS analog integrated circuits. The course focuses on operational amplifier design, analog multipliers, active loads, current sources, and active filters.

EEE 4377. Mixed Signal ICs (3). Prerequisite: EEE 4313 or EEE 4376C. This course covers mixed-signal processing using analog and digital integrated circuits. The course focuses on fundamentals of sampled data systems, nonlinear and dynamic analog circuits, Nyquist-rate data converters, over-sampling data converters and digital filters, as well as the use of computer-aided design programs.

EEE 4450. Modeling and Simulation of Semiconductor Devices (3). Prerequisite: EEE 3300. This course covers various numerical techniques for the modeling and simulation of semiconductor devices, such as p-n junctions, metal-oxide-semiconductor contacts, metal-oxide-semiconductor field effect transistors, and bipolar devices. Special emphasis is on the description and simulation of electron and hole transport in semiconductor devices.

EEE 4514. Principles of Communications Systems (3). Prerequisite: EEE 3135. This course covers Fourier analysis of noise and signals; information transmission; modulation techniques; AM, FM, and pulse; as well as analog multiplexing.

EEE 3103. Introduction to Electrical Engineering (3). Prerequisites: MAC 2312 and PHY 2049C. This course introduces the concept of electrical engineering students for the major. Covers a broad range of topics including basic circuit theory, semiconductor devices, instrumentation, amplifiers, and machines. Not accepted for credit toward BSEE and BScPE.

EEE 3003L. Introduction to Electrical Engineering Laboratory (1). Prerequisites: MAC 2312 and PHY 2049C. Corequisite: EEE 3003. This laboratory supports EEL 3003. Must be taken concurrently with first enrollment in EEE 3003. Must be dropped if EEL 3003 is dropped.

EEE 3111. Introductory Circuit Analysis (3). Prerequisite: MAC 2312. Corequisites: MAC 2313 and PHY 2049C. This course covers topics such as current, voltage, and power; resistors, inductors, and capacitors; network theorems and laws; operational amplifiers, phasors; impedances; sinusoidal steady-state analysis.

EEE 3112. Advanced Circuits with Computers (3). Prerequisite: EEE 3111. Corequisite: MAP 3305 or MAP 3302. This course covers computer-aided design programs, covers multistage amplifier analysis and design. The course focuses on feedback and operational amplifiers, A-to-D and D-to-A converters, and waveshaping and waveformgenerators, including oscilators, voltage regulators, and power circuits.

EEE 3112L. Advanced Circuits with Computers Laboratory (1). Prerequisite: EEE 3111. Corequisite: MAP 3305 or MAP 3302. Corequisite: EEE 3112L. This lab includes instrumentation and measuring techniques; current, voltage, and power measurements; response of passive circuits; AC and DC design; computer application.

EEE 3135. Signal and Linear System Analysis (3). Prerequisite: MAP 3305 or MAP 3302. Corequisite: EEE 3112L. This course focuses on the classification and representation of signals and systems; Laplace transform; Z-transform; convolution; state variable techniques; stability and feedback.

EEE 3116. Fundamentals of Power Systems (3). Prerequisite: EEE 3112. This course is an 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.

EEE 3472. Electromagnetic Fields I (3). Prerequisites: EEE 3112, MAP 3202 or MAP 3305, MAS 5105 or MAP 3306, and PHY 2049C. This course explores electrostatic field—Gauss’s law; boundary conditions; capacitance; Laplace’s and Poisson’s equations; energy, forces, and torques. The steady electric current. The magnetostatic field-vector potential; Ampere’s and Biot-Stavart laws; induction; energy, forces, and torques. Quasistatic fields, electromagnetic induction.

EEE 3473. Electromagnetic Fields II (3). Prerequisite: EEE 3472. This course explores topics such as 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.

EEE 3512. Introduction to Communications (3). Prerequisites: EEE 3112, EEE 3135, and MAP 3306 or MAS 3105. This course discusses topics such as signal analysis, Fourier series/Fourier transform, sampling theorem, distortions and attenuation in signal transmission, and analog modulation AM, FM, pulse modulation, pulse-code modulation, and pulse shaping.

EEE 3705. Digital Logic Design (3). Prerequisite: COP 3014. This course covers fundamental topics in digital logic design, algorithms, computer organization, assembly-language programming, and computer engineering technology.

EEE 3705L. Digital Logic Laboratory (1). Prerequisite: COP 3014. Corequisite: EEE 3705. This laboratory supports EEE 3705.
EEL 3949r. Cooperative Work Experience (0). (SU grade only.) Prerequisite: Instructor permission. This non-credit, experiential learning course offers students an opportunity to participate in “real-world” work experiences related to a specific academic field of study. Students must register for this course through the FSU Career Center.

EEL 4021. Statistical Topics in Electrical Engineering (3). Prerequisites: EEL 3112 and MAP 3306 or MAS 3105. This course examines the use of probability and statistical concepts in electrical engineering applications. Elementary probability—sets, sample spaces, axioms of probability, random variables—distributions and density functions. Operations in random variables—expectation, moments, transformation of random variables. Introduction to random processes. Multiple random variables. Elements of statistics: parameter estimation and hypothesis testing.

EEL 4113. Advanced Linear Networks (3). Prerequisite: EEL 3135. This course explores topics such as LC two-port networks, operational amplifier applications; active filters; approximation methods; switched-capacitor filters.

EEL 4213. Power Systems I (3). Prerequisite: EEL 3216. This course focuses on the analysis of electric power systems using system modeling for large-scale power networks. Includes computer-aided design and implementation of power grids; power flow; optimal dispatch; symmetrical components; balanced and unbalanced fault analysis; and transient stability studies.

EEL 4220. Electromechanical Dynamics (3). Prerequisites: EEL 3216 and EEL 3472. This course focuses on the study of magnetic circuits, electromagnetic torques, and induced voltages. Topics covered include induction motors, variable speed drives, Park’s transforms, synchronous machines and generator controls, DC machines, controls, and drives.

EEL 4231. Converter Modeling and Control (3). Prerequisite: EEL 4243. This course provides a study of DC-AC and DC-DC converter modeling techniques and control schemes. Topics covered include switched power electronics, voltage-source and current-source converter models, current programmed control, and active filter control.

EEL 4243. Power Electronics (3). Prerequisites: EEE 3300 and EEL 3135. This course is designed 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 steering circuits. Dynamic modeling analysis, controller design, power semiconductor device, and simulation also are covered.

EEL 4244. Power Conversion and Control (3). Prerequisites: EEE 3300 and EEL 3112. This course introduces solid-state power conversion and control circuits, including analysis and design of nonlinear multi-phase circuits with sinusoidal and non-sinusoidal variables; constant-frequency and variable-frequency input conversions; variable-frequency inverters; sensing and processing circuits supporting control systems; and embedded microprocessor control systems.

EEL 4415. Sonar (3). Prerequisites: EEL 3473 and EEL 3135. Corequisite: EEL 4201. This course introduces basic concepts of sonar systems including acoustic propagation, transducers and projectors, target strength, reverberation, beamsteering, beamforming, beampatterns, and synthetic aperture sonar.

EEL 4435L. Electromagnetics Laboratory (1). Prerequisite: EEL 3473. This course focuses on the applications of electromagnetic field theory. Experiments include field mapping, transmission lines, spectrum analysis, impedance matching, waveguides, antennas, radar, and fiber optics.

EEL 4440. Optoelectronics and Optical Systems (3). Prerequisites: EEE 3300 and EEL 3473. This course examines the theory and applications 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 4452. Optical Sensors (3). Prerequisite: EEL 3473. This course examines the basic concepts of optical sensors and essential optics. Topics include intensity, phase, and frequency modulated optical fiber sensors and their applications, distributive sensing systems, and optical fibers in signal processing.

EEL 4461. Antenna Systems (3). Prerequisite: EEL 3473. This course covers topics such as antenna theory, including Hertzian dipoles, thin linear antennas, aperture antennas, arrays, loop antenna, slots, horns, and waveguides.


EEL 4515. Digital Communication Systems (3). Prerequisites: EEL 3135 and EEL 3473. Corequisite: EEL 4201. This course covers topics such as sampling principle, spectral analysis of digital waveforms and noise, pulse and digital transmission systems, digital multiplex, such as asynchronous data, and PCM transmission systems.

EEL 4540. Radar (3). Prerequisites: EEL 3473 and EEL 3135. Corequisite: EEL 4201. This course examines basic concepts of radar systems including radar range equation, radar cross-section calculations, random processes and noise, array antennas, beamsteering, doppler and range processing, FM and CW systems, pulse compression, synthetic aperture radar imaging.

EEL 4566. Optical Fiber Communications (3). Prerequisites: EEL 3473 and EEL 3135. Corequisite: EEL 4201. This course covers 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; fiber optic analog and digital communiction systems, and coherent optical fiber communications.

EEL 4595. Wireless Communications and Networking (3). Prerequisites: COP 3014 or equivalent, EEL 3135, and EEL 4021. This course covers the fundamentals of wireless communications, multiple-access techniques and protocol design for radio, wireless networks; fundamentals of cellular communica- tion systems, multiple-access techniques; wireless networking; and hybrid networking of a wireless network and the Internet.

EEL 4596. Advanced Topics in Communications (3). Prerequisites: EEL 3135, EEL 4515 and EEL 4021. This course is designed to provide an in-depth knowledge of some of the advanced topics in communications. Topics covered include ideal communica- tion systems, signal to noise ratio (S/N) for amplitude and angle modulation, design of communication system with S/N ratio; satellite communication, and mobile communication.

EEL 4562. Analysis and Design of Control Systems (3). Prerequisite: EEL 3135. This course focuses on continuous system modeling; stability of linear systems; frequency response methods; the root locus method; state-space methods.

EEL 4710. Introduction to Field Programmable Logic Devices (3). Prerequisites: EEL 3705 and EEL 3705L. This course covers an overview of programmable logic devices, core concepts related to field-programmable gate-array devices. This course offers an introduction to hardware description languages (HDLs); combinational, sequential, and finite-state machine design using HDLs; as well as top-down methodologies.

EEL 4713. Computer Architecture (3). Prerequisites: COP 3014 and EEL 4746. This course examines how modern computer architectures are presented by studying how the relationships between hardware and software impact performance, machine language definition, processor data path and control designs, interfacing, and advanced topics, such as caching and pipelining.

EEL 4746. Microprocessor-Based System Design (3). Prerequisites: EEL 3705 and EEL 3705L. This course covers fundamental topics in basic computer design, structured assembly-language software design, RTL, CPU design, pipelining and superscaling, computer arithmetic, memory and I/O organization and interface, cache, and design tools.

EEL 4748. Microprocessor-Based System Design Laboratory (1). Prerequisites: EEL 3705 and EEL 3705L. Corequisite: EEL 4746L. This laboratory focuses on software development, hardware projects, and experiments in support of EEL 4746.

EEL 4810. Introduction to Neural Networks (3). Prerequisites: EEE 3300 and EEL 3112. This course covers fundamentals of neural networks: dynamical systems, associative memories, perceptrons, supervised/unsupervised learning algorithms. Applications in signal processing, pattern recognition, control, optimization, and communications.

EEL 4905r. Directed Individual Study (1–3). Prerequisites: Junior standing and “B” average in electrical engineering courses. Normally may be repeated to a maximum of six semester hours. Requires department approval.

EEL 4906r. Honors Work in Electrical Engineering (1–6). Prerequisite: Admission to the honors program. This course consists of independent or directed research in a specialized area beyond the current curriculum in electrical engineering. May be repeated to a maximum of nine semester hours.

EEL 4911C. Senior Design Project I (3). Prerequisite: Department permission. This course allows students to work in teams to design, develop, 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 lab manual and texts provide instructions on project management, ethics, and design skills.

EEL 4914C. Computer Engineering Senior Design Project II (3). Prerequisite: EEL 4911C. This course allows senior students to 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 lab manual and texts provide instructions on project management, technical writing, and engineering economics.

EEL 4915C. Electrical Engineering Senior Design Project I (3). Prerequisite: EEL 4911C. This course allows students to 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 lab manual and texts provide instructions on project management, technical writing, and engineering economics.

EEL 4930r. Special Topics in Electrical Engineering (1–3). Prerequisite: Instructor permission. This course covers 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 semester hours.

Graduate Courses

ECE 5280. Biomimetic Systems Theory (3).

ECE 5315. Digital Integrated Circuit Design (3).

ECE 5317. Power Electronics (3).

ECE 5318. Digital State-Space Theory (3).

ECE 5378. Mixed Signal ICs (3).

ECE 5452. Analysis of Quantum Scale Semiconductor Devices (3).

ECE 6353. Semiconductor Device Theory (3).
ELEMENTARY EDUCATION: see Childhood Education, Reading, and Disability 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 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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ENC X101 and ENC X102, or ENC XXXX: English courses for a total of six credit hours in which the student is required to demonstrate college-level English skills through multiple assignments

Note: A “C” grade or better is required for all coursework.

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 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 semester hours of English in courses numbered above 2000. At least twenty-one semester hours must be in courses at the 3000 and 4000 levels, including at least nine semester hours at the 4000 level. Honors thesis hours may be applied toward the Bachelor of Arts (BA) degree, but only three semester hours will be accepted for major credit. Majors who complete teacher certification requirements may count three 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 semester hours in ENG 3014 Critical Issues in Literary Studies (must be taken before student reaches ninety semester hours)
   b. Literature Courses: At least eighteen semester hours of literature courses beyond the 2000 level. Specifically required are:
      i. Three semester hours in United States literature at the 3000 or 4000 level
      ii. Six semester hours in British literature before 1800, including at least three semester hours before 1660, at the 3000 or 4000 level
      iii. Three semester hours in British literature after 1800 at the 3000 or 4000 level
      iv. Three semester hours in ENG 4934 Senior Seminar in English (must be taken after student reaches ninety semester hours)
   v. Three semester hours in other literature courses at the 3000 or 4000 level
   c. Electives: Twelve semester hours in other English courses
2. Concentration in Writing

a. Writing Courses: Fifteen semester hours in at least two of the following categories, of which at least six semester hours shall be in 4000-level workshop courses. Workshop courses with the “r” designation are repeatable with the instructor’s permission.
   i. Article and Essay: ENC 3310, ENC 4311r, ENG 4020; ENC 4120, 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 semester hours of literature, of which at least three semester hours shall be in English literature before 1900

c. Electives: Three semester hours in other English courses

3. Concentration in Editing, Writing, and Media
   b. Nine semester hours of advanced requirements at the 4000 level.
      i. ENC 4218: Visual Rhetoric in the Digital Age
      ii. ENG 4834: Issues in Publishing
      iii. ENC 4212: Editing: Manuscripts, Documents, Reports
      iv. ENG 4020: Rhetorical Theory and Practice
      v. ENC 3804: History of Illustrated Texts: Illuminated Manuscripts to Graphic Novels
      vi. ENC 4404: Advanced Writing and Editing
   c. Three hours Internship in Editing (ENC 4942)
   d. Nine hours English electives, at the 3000 or 4000 level
   e. Three hours Senior Seminar: (ENG 4815: What is a Text?)

4. 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 semester hours at the 3000 and 4000 levels (nine of these twenty-four semester hours must be at the 4000 level in English and nine 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 (BA) 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 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 semester hours that constitute a minor in business for arts and sciences majors.

Requirements for a Minor in English

Minor: At least twelve 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
This course covers 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 2600. Introduction to African-American Literature (3). This course offers a survey of the canonical works of African-Americans, typically including Douglass, Chesnutt, Hurston, Wright, Ellison, Baldwin, Morris, and Walker.

AML 3041. American Authors Since 1875 (3). This course covers significant works by representative Realists, Literary 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). This course examines selected works of major American writers.

AML 3360. Latino/a Literature in English (3). This course offers an introduction to land-mark Latino/a works written in English.

AML 3673. Asian American Literature (3). This course introduces students to selected works of Asian American literature, focusing on Asian Indian, Pacific Islander, Filipino, Chinese, Japanese, Cambodian, and Vietnamese American writers. Common topics include issues of diaspora, dislocation, and cross-culturality.

AML 3882. American Multi-Ethnic Literature (3). This course introduces cross-cultural literary traditions, looking at historical rationales and interconnections among communities as well as vital differences.

AML 4111. The 19th-Century American Novel (3). This course covers from Brown and Cooper to Hawthorne, Melville, Twain, and Crane.

AML 4121. The 20th-Century American Novel (3). This course typically covers Dreiser, Dos Passos, Fitzgerald, Hemingway, Faulkner, Bellow, and Wright.

AML 4213. Early American Literature and Culture before 1800 (3). Suggested Prerequisite: AML 2600. This course focuses on varying topics in pre-1800 American literature and culture, such as exploration and captivity narratives, Native American literature, the Puritan tradition, the enlightenment and revolutionary eras in America, the trans- and circum-Atlantic world, the slave trade, early-American print culture (including the novel), gender studies, and/or selected authors.

AML 4261. Literature of the South (3). This course offers a survey from Colonial times to the present, including Byrd, Poe, Simms, Cable, Faulkner, Warren, O’Connor, and others.

AML 4604. The African-American Literary Tradition (3). This course examines selected works by major African-American writers.

AML 4680r. Studies in Ethnic Literature (3). This course is an 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 semester hours.

CRW 3110. Fiction Technique (3). This course is an analysis of and exercises in the elements of fiction: point of view, conflict, characterization, tone, and image.

CRW 3311. Poetic Technique (3). This course is for aspiring poets and critics. The course studies the elements of poetry with some practice in writing poetry.

CRW 3410. Dramatic Technique (3). This course is an introduction to playwriting, with emphasis on the relation of the written drama to production. Both published plays and student work are analyzed.

CRW 4120r. Fiction Workshop (3). Prerequisite: Instructor permission. This course enables practice in short story, novella, or novel. Students are expected to work toward submission and publication of manuscripts. May be repeated for a total of twenty-four hours credit.

CRW 4320r. Poetry Workshop (3). Prerequisite: Instructor permission. This course is for poets who approach excellence and aspire toward publication. May be repeated for a total of twenty-four hours credit.

CRW 4420r. Drama Workshop (3). Prerequisite: Instructor permission. This course allows students to 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 semester hours.

ENC 1101. Freshman Composition and Rhetoric (3). This course includes drafting and writing of expository essays and a journal for a total of 7,000 words. May not be taken by students with ENC 1149. No auditors.

ENC 1102. Freshman Writing, Reading, and Research (3). Prerequisite: ENC 1101 or ENC 1149. This course includes reading, research, drafting, and writing of essays and a journal for a total of 7,000 words. No auditors.

ENC 1121. Freshman Composition and Rhetoric: Honors (3). This accelerated course is designed for honors students. Therefore, their level of performance is expected to exceed the level attained by students in ENC 1101. Enrollment through the honors program.
ENG 3803. History of Text Technologies (3). This course is an introduction to the history of the changing technologies that humans have used to record and transmit their experiences and ideas. It surveys the variety of forms this effort has taken, including tattoo, scroll, manuscript, print, illustration, musical notation, phonograph, photograph, film, and digital multimedia. Students investigate how these technologies have shaped the way we produce, distribute, and receive texts and other creative representations of human experience, as well as each technology’s social and cultural conditions.

ENG 3804. History of Illustrated Texts (3). This course explores the relationship between image and word in different historical eras by examining various texts and media. Students read, respond to, and analyze a range of materials, which may include Medieval manuscripts and graphic novels. Finally, students produce an original composition involving the interplay of image and language.

ENG 3931r. Topics in English (1–3). May be repeated to a maximum of twenty-four semester hours.

ENG 4013. Literary Criticism (3). This is a historical overview of critical texts that consider the nature of literature from antiquity to the early 20th century. Typically includes readings from Plato, Aristotle, Wroth, Dryden, Wollstonecraft, Wordsworth, Collins, and Eliot.

ENG 4200. Rhetorical Theory and Practice (3). Prerequisites: ENC 3310 and instructor permission. This course emphasizes contemporary developments in rhetoric and their applicability to writing. For upper-division students who intend to teach English composition.

ENG 4043. Contemporary Critical Theory (3). Prerequisite: Instructor permission. This course is an advanced study of crossovers in late 20th-century critical thought.

ENG 4115. Film Theory (3). This course considers centrally 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 socio-historical causes and consequences.

ENG 4151. What is a Text? (3). Prerequisites: 3000-level core courses in major and 4000-level course completed. The course introduces students to the nature of textuality and its relationship to various media and technologies, while exploring theoretical and practical questions related to the production and reception of texts in a variety of different forms and media. Students read works in which textuality is broadened as a topic, including multimedia texts, and also produce a final project in at least two different media.

ENG 4186. Introduction to Digital Humanities (3). This course gives students an introduction to the ongoing digital transformation of humanities scholarship, as well as applied introductory skills in the practice of digital humanities. Particular topics may vary, but each course taught under this number explores critically and practically one of several configurations of digital scholarship in the humanities today, including digital literary studies, humanities computing, digital cultural history, new media and network culture, virtuality and games, and digital curation. Students are introduced to the critical issues shaping any of the concentrations, and learn technical skills to interact with and produce work within the particular field.

ENG 4834. Issues in Publishing (3). Prerequisite: 3000-level courses for “Editing, Writing, Media” major recommended. This course explores a wide range of issues in the history and practice of publishing, editing, and the production and distribution of texts from the 20th and 21st century as well as from earlier historical periods. These issues include the book as object, the ethics of publishing, the history of reading, and censorship, as well as the rise of print culture. It also includes practical training, introducing students to the work that editors currently perform in magazine and book publishing.

ENG 4905r. Directed Individual Study (1–3). Topic to be approved by the director of undergraduate English studies. May be repeated to a maximum of twenty-four semester hours.

ENG 4932r. Studies in English (1–3). May be repeated to a maximum of twenty-four semester hours.

ENG 4933. Senior Seminar in Literature (3). Prerequisites: Ninety semester hours of college work. Topics vary. Required for senior English majors concentrating in literature. Does not count toward the major for concentration in writing.

ENG 4936. Honors Thesis (1–6). Prerequisites: Instructor permission and admission to the department’s honors-in-the-major program. The honors student takes two semesters of thesis work. May be repeated to a maximum of nine semester hours.

ENG 4938. Advanced Seminar in English (3). Prerequisite: Admission to the department’s honors-in-the-major program. The honors student takes two seminars. Permission required. May be repeated to a maximum of six semester hours.

ENL 2012. British Authors: Beginnings to 1799 (3). This course is a survey of English masterworks intended for students in liberal studies and those exploring a literature major. Among the authors typically considered are Chaucer, Shakespeare, and Milton.

ENL 2022. British Authors: Early Romantics to the Present (3). This course is a survey of English masterworks intended for students in liberal studies and those exploring a literature major. Among the authors typically considered are Wordsworth, Dickens, and Conrad.

ENL 3184. 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 literature and dramatic history, from the Renaissance to the modern period.

ENL 3210. Medieval Literature in Translation (3). This course explores literature of the Anglo-Saxon and Anglo-Norman periods: Beowulf, Romance of the Rose, Sir Gawain and the Green Knight, and others.

ENL 3334. Introduction to Shakespeare (3). This course is an introduction to the study of Shakespeare at the college level. Consideration of representative works of comedy, history, tragedy, tragic-comedy drawn from throughout the playwright’s career.

ENL 3591. Renaissance Source Texts: Essential Reading in the Age of Shakespeare (3). This course focuses on the literary and cultural texts from the Greek, Roman, and Biblical traditions that were essential reading in the English Renaissance and that shaped literary culture in the age of Shakespeare. This course includes attention to the history of literary genres and to the history of reading. Authors studied may include: Virgil, Ovid, the Bible, Aristotle, Horace, Strabo, Lucianus, Plutarch, Seneca, Plautus, Augustine, Erasmus, della Miranda, among others.

ENL 4112. The 18th-Century British Novel (3). This course typically includes Defoe, Richardson, Fielding, Sterne, Burney, and Radcliffe.

ENL 4122. The 19th-Century British Novel (3). This course typically includes Scott, Thackeray, Dickens, Trollope, Eliot, and Hardy.

ENL 4132. The Modern British Novel (3). This course typically includes Conrad, Lawrence, Joyce, Woolf, Greene, Spark, and Lessing.

ENL 4161. Renaissance Drama (3). This course focuses on the English drama by Shakespeare’s contemporaries and successors from Marlowe until the closing of the theatres in 1642.

ENL 4171. Restoration and 18th-Century Drama (3). This course includes 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 4216. Middle English Romance (3). This course is 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). This course examines lyric poetry and prose from Wyatt and Spenser to Shakespeare and the metaphysicals: Donne, Herbert, Marvell, and Vaughan.

ENL 4230. Restoration and 18th-Century British Literature (3). This course studies British poetry and prose from 1660 to 1800.

ENL 4240. British Romantic Literature (3). This course studies poetry and prose from 1785 to 1832.

ENL 4251. Victorian British Literature (3). This course studies poetry and prose from 1830 to 1900.

ENL 4273. Modern British Literature (3). This course explores British poetry, fiction, and essays since 1900. Typically includes Hardy, Conrad, Joyce, Yeats, Lawrence, Woolf, Auden, and Lessing.

ENL 4311. Chaucer (3). This course focuses on the High Middle Ages in England seen through the perspective of the Canterbury Tales read in Middle English.

ENL 4333. Shakespeare (3). This course is a study of representative Shakespearian dramas and their relationship to the Renaissance. Typically may include attention to relevant contemporary intellectual, historical, and political movements.

ENL 4341. Milton (3). This course focuses on Milton’s life and works; emphasis on Lycidas, Paradise Lost, Paradise Regain’d, Samson Agonistes, and Milton’s important later works.

LIN 3010. Introduction to Language Study (3). This course covers the relationship between meaning, form, and sound in language, including language acquisition, dialects, and grammar.

LIT 2010. Introduction to Fiction (3). This course introduces students to such narrative elements as point of view, characterization, setting, theme, and symbolism in the works of contemporary prose writers and provides an introduction to the basic interpretive skills necessary to conduct literary analysis.

LIT 2020. Introduction to the Short Story (3). This course covers tone, narration, form, and theme in representative short stories.

LIT 2030. 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). This course covers poetry, fiction, drama from WWI to the present. For beginning students.

LIT 2230. Introduction to Global Literature in English (3). This course is an introduction to English-language literature from countries that were former British colonies in Africa, Asia, and the Caribbean.

LIT 3043. Modern Drama (3). This course covers from O’Neill, Pirandello, Miller, and Theatre of the Absurd to the present.

LIT 3046. Women in Literature (3). This course is an examination of the representation of women in literature.

LIT 4031. Studies in the Novel (3). This course focuses on varying topics in the novel as a genre from the beginnings of print culture through the contemporary period, with attention to texts of diverse national origins from the major traditions of the genre. This course also includes attention to both the history and theory of the genre. Authors studied may include: Cervantes, Diderot, Sterne, Flaubert, Tolstoy, Belty, Kafka, Woolf, Tomasi di Lampedusa, and Garcia Marquez, among others. May be repeated when topics vary to a maximum of six semester hours.

LIT 4033. Modern Poetry (3). This course is an introductory analysis of techniques and meanings. Typically includes Whitman, Dickinson, Yeats, Frost, Stevens, Eliot, Auden, Thomas, and Plath.

LIT 4034. Postmodern and Contemporary Poetry (3). Prerequisites: ENC 1102 and ENC 1122 or equivalents. This course allows students to analyze themes and techniques associated with poetry in English from the end of World War II to the present. Poets studied typically include Olson, Ginsberg, Baraka, Clifton, Bishop, Lowell, Plath, Heaney, and others.

LIT 4044r. Readings in Dramatic Literature (3–6). This course covers specific topics in the study of British, American, or Continental drama. May be repeated to a maximum of six hours credit.
Prerequisites: ENC 1102 and ENG 5998r.

ENG 5935r.
ENG 5933r.
ENG 5835r.
ENG 5807.
ENG 5805.
ENG 5138r.
ENG 5079.
ENG 5068r.
ENG 5053.
ENG 5049r.
ENG 5028.
ENG 5009.
ENC 5945r.
ENC 5720.
ENC 5317r.
ENC 5217.
ENC 5216.
CRW 5430r.
CRW 5331r.
AML 5637r.
AML 5608r.
AML 5296r.
AML 5267r.
AML 5227r.
ENG 6939r.
ENG 6920r.
ENG 5216r.
ENG 5227r.
ENG 5236r.
ENG 5246r.
ENG 5256r.
ENG 5276r.
LAE 5370.
LAE 5946.
LIT 5948r.
LIT 5017r.
LIT 5038r.
LIT 5047r.
LIT 5186r.
LIT 5235r.
LIT 5309r.
LIT 5327r.
LIT 5388r.
LIT 5517r.

Directed Readings (1–6). (S/U grade only.)

Tutorial in English (1–3). (S/U grade only.)

Topics in English (1–3).

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

Directed Readings (1–6). (S/U grade only.)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Major in ENTREPRENEURSHIP

COLLEGE OF BUSINESS

Web Page: http://www.cob.fsu.edu/man

Chair: Caesar Douglas; Executive Director and Jim Moran Professor of Entrepreneurship: Holcomb; Jim Moran Professors of Business Administration: Douglas, Hochwarter; Professors: Hochwarter; Associate Professor: Douglas; Assistant Professors: Holcomb, Holmes; Assistants in Entrepreneurship: Dever, Frazier; Professor Emeritus: Osteryoung

The undergraduate major in entrepreneurship is designed for those who want to learn more about opportunity recognition and evaluation, and new venture start-up and growth. Students admitted into this major will participate in courses and seminars staffed by faculty members, as well as entrepreneurs and business owners/managers. Students will have opportunities to learn first-hand what is needed to start a new business venture, and to run an existing business.

The purpose of the Entrepreneurship major is to give students the knowledge, skills, and confidence to start, run, and grow their own business. The Entrepreneurship major is administered by the Department of Management.

Students who successfully complete the Entrepreneurship major receive a Bachelor of Science (BS) degree in business administration with a major in entrepreneurship.

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 satisfy this requirement by earning a grade of “C–” or higher in CGS 2100 (state mandated business prerequisite requirement) or CGS 2518.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021 or ACG X022 or ACG X001 and ACG X011
2. ACG X071 or ACG X301
3. CGS X100 (or demonstrated competency) or CGS X100C or CGS X350 or CGS X570 or CGS X60 or CGS X531 or CGS X000 or ISM X000 or CGS X518
4. ECO X103
5. ECO X203
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100

Requirements for a Major in Entrepreneurship

All students must complete: (1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; (2) the state of Florida common prerequisites for entrepreneurship majors; (3) at least sixty semester hours of courses in non-business disciplines; (4) the general business core requirements for entrepreneurship majors; (5) the general business breadth requirements for entrepreneurship majors; and (6) the major area requirements for entrepreneurship majors.

Note: The entrepreneurship major is a limited access program. The entrepreneurship major is designed to take three years. Students must apply for admission to the entrepreneurship major in the Spring of their freshman year. Students must apply online to the Jim Moran Institute (http://www.cob.fsu.edu/jmi/) before the announced deadline each Spring semester. Admitted students will take 2000-level entrepreneurship core requirements in their second year. Students must meet the admission requirements for the AACSB accredited business programs in the College of Business by the end of their second year in order to continue in the major. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All entrepreneurship majors must complete the following five courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal and Ethical 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 majors must complete three courses as follows. Each course selected must be completed with a grade of “C–” or better.

- RMI 3011 Risk Management/Insurance (3)
- MAN 4720 Strategic Management and Business Policy (3)

Plus one elective 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 3600 Multinational Business Operations (3)
- MAR 3400 Professional Selling (3)
- QMB 3200 Quantitative Methods for Business Decisions (3)
- REE 3043 Real Estate (3)

Major Area Requirements

All entrepreneurship majors must complete nineteen credit hours as listed below. A grade of “C–” or better must be earned in each course used to satisfy the entrepreneurship major area requirements.

ENT 2010L. Creating and Managing New Ventures Laboratory (1).
ENT 2011L. Managing and Harvesting New Ventures Laboratory (1).
ENT 3413. New Venture Finance (3).
ENT 4115. Creating New Ventures II: Business Planning and Competing for Capital (3).

Plus four credit hours from the following list of courses:

- ENT 3123. Corporate Venturing and Entrepreneurial Strategies (2).
- ENT 3173. Franchising (2).
- ENT 3203. Managing New Venture Growth (2).
- ENT 3273. Family Business (2).
- ENT 3283. Women and Minorities in New Ventures (2).
- ENT 3503. Social Entrepreneurship (2).
- ENT 4934r. Special Topics in Entrepreneurship (1-3).

Requirements for a Certificate in Entrepreneurship

Students who have been admitted to one of the AACSB accredited business programs in the College of Business but who are not majoring in entrepreneurship can obtain a Certificate in Entrepreneurship. This is a certificate credential and not a university-degree program leading to a diploma. Students completing the certificate will gain knowledge about how to initiate and manage new ventures, sources of funding, and business planning. Students interested in a Certificate in Entrepreneurship must register with the Jim Moran Institute and take a total of twelve hours in Entrepreneurship as described below.

ENT 3003. Introduction to Entrepreneurship (3).
ENT 3423. Funding Sources for Entrepreneurial Opportunities (3).
ENT 4114. New Venture Creation (3).

Plus four credit hours from the following list of courses:

- ENT 3123. Corporate Venturing and Entrepreneurial Strategies (2).
- ENT 3173. Franchising (2).
- ENT 3203. Managing New Venture Growth (2).
- ENT 3273. Family Business (2).
- ENT 3283. Women and Minorities in New Ventures (2).

http://www.cob.fsu.edu/man
Undergraduate Courses

ENT 2010. Creating and Managing New Ventures (2). Prerequisite: Admission to the major. Corequisites: ACG 2011 and ENT 2010L. This course is the first in a two-course sequence for second-year students designed to immerse Entrepreneurship majors into the dynamics of starting and running a business. Course content focuses on opportunity recognition, researching financial viability of business ventures, and marshalling resources (among them, financial, human, technical, and motivational) to launch businesses. Students prepare mini-business plans.

ENT 2010L. Creating and Managing New Ventures Laboratory (1). Prerequisite: Admission to major; ACG 2011, as well as ENT 2010 and ENT 2010L. Corequisites: ACG 2071 and ENT 2011L. This course is a continuation of ENT 2010, focusing on growing and exiting a business. Additional course content exposes students to the basics of entrepreneurial law, negotiation, and understanding financial statements.

ENT 2011. Managing and Harvesting New Ventures (2). Prerequisite: Admission to major; ACG 2021, as well as ENT 2010 and ENT 2010L. Corequisites: ACG 2071 and ENT 2011L. This course focuses on entrepreneurial opportunities that women and minority entrepreneurs confront. Course content includes selected seminars and practical projects designed to expose students to the basics of entrepreneurial law, negotiation, and understanding financial statements.

ENT 2011L. Managing and Harvesting New Ventures Laboratory (1). Prerequisite: Admission to major; ACG 2021, as well as ENT 2010 and ENT 2010L. Corequisites: ACG 2071 and ENT 2011L. This laboratory is a continuation of ENT 2011, focusing on growing and running the micro-business throughout the academic year with planned liquidation and shutdown (Harvesting) at the end of the academic year.

ENT 3003. Introduction to Entrepreneurship (3). This course 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.

ENT 3123. Corporate Venturing and Entrepreneurial Strategies (2). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course focuses on entrepreneurship in existing organizations. Course material centers on how established organizations can be entrepreneurial, how the corporate entrepreneurship process works, and the role of individuals in promoting entrepreneurship in their organizations. The course also explores how entrepreneurs can recognize and investigate business opportunities for established firms, and how entrepreneurs gain support for their ventures in an organizational context.

ENT 3173. Franchising (2). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course focuses on the special role of franchising as a form of entrepreneurship in the U.S. and international economies. Topics include success rates of franchisers and franchisees, advantages and disadvantages of franchising for both franchisors and franchisees, the process of franchising a business idea, and the process of selecting and working with a franchisee.

ENT 3183. Commercializing New Technologies (2). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course focuses on the new product development process, with special emphasis on legal and intellectual property regulations. Topics include the process through which new product ideas emerge, alternative routes to market, and protection of intellectual property.

ENT 3203. Managing New Venture Growth (2). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course addresses the management of rapidly growing entrepreneurial firms. Topics include building an infrastructure, planning stage financing, managing under adversity, and managing a business with rapid growth.

ENT 3273. Family Business (2). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course considers special issues facing entrepreneurial and family businesses: choice of organizational form, business planning, tax and compensation planning, business valuation, and succession strategies. Time is also devoted to the unique challenges often found in family business context, such as dealing with family conflicts, how to motivate and evaluate employees when a mix of family and non-members are involved, and planning for succession.

ENT 3283. Women and Minorities in New Ventures (2). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course focuses on the emergence and current impact of women- and minority-owned business. The course also considers special challenges and opportunities that women and minority entrepreneurs confront. Course content includes discussions with successful women and minority business owners.

ENT 3413. New Venture Finance (3). Prerequisites: ENT 2010 and ENT 2011. Corequisite: FIN 3403. This course covers various aspects of financing an entrepreneurial venture. Major topics include attracting seed and growth capital from sources such as venture capital, investment banking, government, and commercial banks. Among the issues discussed are valuing a company, going public, selling out, acquisitions, bankruptcy, different legal forms of organization, partnerships, and taxes.

ENT 3423. Funding Sources for Entrepreneurial Opportunities (3). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course covers various aspects of financing an entrepreneurial venture. Major topics include attracting seed and growth capital from sources such as venture capital, investment banking, government, and commercial banks. Among the issues discussed are valuing a company, going public, selling out, acquisitions, bankruptcy, different legal forms of organization, partnerships, and taxes.

ENT 3503. Social Entrepreneurship (2). Prerequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course is about the opportunities and challenges of creating new ventures that also solve social problems and make a positive difference in the lives of others. Focus is on organization with an explicit civic mission or social purpose, including well-known nonprofits and well-regarded for profits. Students also receive a historical context for considering social enterprises.
The Department of Family and Child Sciences offers a program in family and child sciences which requires maintaining minimum grades for graduation as part of the degree program.

The program addresses family relations, marital interaction, parent-child interaction, and the growth and development of children across the life course and within various contexts of families, schools, communities and society at large. Students are introduced to working in applied settings, including human services agencies, educational settings, child care, and child and family advocacy. Students also gain skills in developing and implementing programs whose goal is to strengthen individuals and families. There is a series of courses that prepare the student to be able 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.

Students must complete human sciences core courses (FAD 2230 AND one of the following: COA 4131, HUN 1201, or HME 4221), other prerequisite courses to the major, and an approved area of concentration in an allied field. Courses selected for the area of concentration cannot also be used to fulfill liberal studies requirements. A practicum experience is required and internships are encouraged. Five courses are required prerequisites. Students must achieve a grade of at least a “C” in COA 4131, HUN 1201, or HME 4221 and at least a “B-” in FAD 2230, 3220, 3271, CHD 2220, and STA 1013 or STA 2XXX. 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 courses are completed. Students who do not achieve a grade of “B-” may re-take only two of the five courses one time. The minimum grade required in other courses beyond the prerequisite courses is “C-”, except for CHD 4225 or CHD 4250 or CHD 4251 and FAD 4805 where the minimum grade is “C”.

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.

Minor
A minor in child development may be earned by completing twelve semester hours in family and child sciences with a grade of “C-” or better in each of the required courses: FAD 2230, FAD 3220, FAD 3271, and CHD 2220. At least nine credit hours must be completed at Florida State University; no more than one substitution for these courses is permitted.

Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer 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 satisfy this requirement by earning a grade of “C-” or higher in CGS 2060 or CGS 2064.

State of Florida Common Program Prerequisites
The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Preqrequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program.

Family and Children Sciences

1. FAD X230

2. CHD X220

3. FAD X220

4. STA X013 or STA X014 or STA X021 or STA X022 or STA X023

Note: Courses are offered in Summer Sessions B and C to accommodate transfer students who enroll in the university and our major in the summer. Thus, when Fall semester begins, these students can enroll in the other required courses for which these courses are prerequisites. Students who enroll in the Fall can take these courses and those required as part of the “area of concentration” during the semester. Following this, there is ample time to complete the remaining 120 credit hours.

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 Honors Societies” chapter of this General Bulletin.

Definition of Prefixes

CHD—Child Development
FAD—Family Development
HED—Home Economics Education
HOE—Home Economics: General

Undergraduate Courses

CHD 2220. Child Growth and Development: The Foundation Years (3). This course is the study of children from birth through middle childhood.

CHD 3472. Child Guidance (3). Prerequisite: Major status. This course allows students to 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: Major status and junior standing. Corequisite: FAD 4805. This course helps students 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: Major status and junior standing. Corequisite: FAD 4805. This course has been designed to examine developmental processes of school-age children and adolescents. This course is a prerequisite course for practica experiences with these age groups. Consequently, strategies for working with school-age children and adolescents also will be addressed.

CHD 4251. Adolescent Contexts (3). Prerequisites: Major status and junior status. Corequisite: FAD 4805. This course provides a basic understanding of adolescent development as it relates to human growth 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: Major status. This course is a comprehensive review of the contemporary theory and research in parenting. This course is organized 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: Major status or instructor permission. This course uses readings, lecture, discussion, guest speakers, field work, research, and writing, for students to become familiar with the process of formulating, implementing, and evaluating public policy. Family and child issues that have resulted in policy decisions at every level are identified, and current issues that are in need of attention by policy makers are explored. Research related to family issues and its impact on family policy is analyzed with emphasis on enhancing the role of family and child professionals in policy process.

CHD 4630. Studying Children: Techniques and Issues (3). Prerequisite: Major status. This course is a survey of methods of child study and research.

CHD 4905r. Directed Individual Study in Child Development (1–3). May be repeated to a maximum of nine semester hours.

CHD 4944r. Internship in Family and Child Sciences (1–12). Prerequisite: FAD 4805 or instructor permission. Child development majors only. This course consists of supervised practical experiences in various professional settings serving children, youth, and families, including hospitals, education faculties, human service agencies, and government agencies. May be repeated to a maximum of twelve semester hours.

FAD 2230. Family Relationships: A Life Span Development Approach (3). This course studies families and interpersonal relationships in a changing society. Emphasis is on a life cycle approach to understanding the dynamics of family relationships.

FAD 3220. Individual and Family Life Span Development (3). This course is an 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). This course is 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: Major status or instructor permission. This course provides undergraduate majors with an introduction to family-based, stress-focused mini-theories. The course provides a framework for understanding the differences between family patterns when families are centered on growth related themes and when they are pre-occupied with a variety of stressor events.

FAD 4265. Family Diversity (3). Prerequisite: Major status. This course is designed to expose students to the diversity of families by race, ethnicity, social classes, and structures in an ego-systemic context.

FAD 4451. Human Sexuality Education (3). This course examines sexuality through the lifespan regarding relationship issues and health concerns and provides training for professionals and parents in sexuality education.

FAD 4455. Family Life Education (3). This course provides information and techniques needed to facilitate and evaluate home, school, and community relations through the lifespan.

FAD 4601. Foundations of Counseling (3). Prerequisites: Senior standing and instructor permission. This course discusses 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. Practicum in Family and Child Science (3). Prerequisites: Major status and at least four additional major courses. Corequisite: CHD 4225 or CHD 4250 or CHD 4251. This course is designed to provide students with experiences in a community setting serving children, youth, and families and the opportunity to apply course material to the work environment.

FAD 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of nine semester hours.

FAD 4932. Professional Relations (1). Prerequisites: Major standing as well as FAD 3432, CHD 4537, and CHD 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 semester hours.

HEE 4054. The Educative Process (3). This course is designed for human sciences majors who need preparation for teaching in special situations. Not open to family and consumer sciences education majors.

HEE 4912r. Honors Work (3). Open to upper-division majors with an overall grade point average of 3.2 and consent of instructor. May be repeated to a maximum of six semester hours.

## Graduate Courses

### Child Development Courses

CHD 5266. Advanced Child Development (3).

CHD 5817. Professional Development in Family and Child Sciences (1).

CHD 5818. Policy Development and Analysis in Child and Family Studies (3).

CHD 5819. Child Care Issues and Advocacy (3).

CHD 5906r. Directed Individual Study (1–3). (S/U grade only.)

CHD 5915. Methods of Research I (4).

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 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 5452. Human Sexuality Education (3).

FAD 5456. Family Life Education (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 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 (1–2).

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).

### Other Courses

CHD 5912r. Supervised Research (1–3). (S/U grade only.)

CHD 5942r. Supervised Teaching (1–3). (S/U grade only.)

CHD 5971r. Thesis (1–6). (S/U grade only.)

CHD 6980r. Dissertation (1–24). (S/U grade only.)

CHD 8964r. Preliminary Doctoral Examination (0). (P/F grade only.)

CHD 8966r. Master’s Comprehensive Examination (0). (P/F grade only.)

CHD 8976r. Master’s Thesis Defense (0). (P/F grade only.)

CHD 8985r. Dissertation Defense Examination (0). (P/F grade only.)

FAD 5912r. Supervised Research (1–3). (S/U grade only.)

FAD 5942r. Supervised Teaching (1–3). (S/U grade only.)

FAD 5971r. Thesis (1–6). (S/U grade only.)

FAD 6980r. Dissertation (1–24). (S/U grade only.)

FAD 8964r. Preliminary Doctoral Examination (0). (P/F grade only.)

FAD 8966r. Master’s Comprehensive Examination (0). (P/F grade only.)

FAD 8976r. Master’s Thesis Defense (0). (P/F grade only.)

FAD 8985r. Dissertation Defense Examination (0). (P/F grade only.)


HOE 6938r. Proseminar in Human Sciences (1–2). (S/U grade only.)

The Department of Family and Child Sciences offers graduate programs leading to the Master of Science (MS) degree and the Doctor of Philosophy (PhD) degree in human sciences with specialization in family relations, and a Doctor of Philosophy (PhD) degree in marriage and family therapy. For further information relating to graduate coursework and thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

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**FILM STUDIES:**

see Motion Picture Arts
Department of FINANCE

COLLEGE OF BUSINESS
Web Page: http://cob.fsu.edu/fin/
Chair: William A. Christiansen; Professors: Ang, Clark, Coats, Humphrey, Lee, Da. Peterson; Associate Professors: Benesh, Christiansen, Cheng, Doran; Assistant Professors: Autore, Colak, Hutton, Jiang, Knill, Zhou; Associate in Finance: G. Smith; Assistants in Finance: De. Peterson, D. 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: Du. Peterson; Robert C. Earnest Professor of Finance: Coats; Bank of America Professor in Finance: Christiansen; SunTrust Professor of Finance: Benesh; Gene Taylor Bank of America Professors in Finance: Cheng, Doran; Dean Cash Professors in Finance: Autore, Jiang

Finance is considered one of the basic functions of our private enterprise system. Finance can be defined as the art and science of managing money. Each of the many firms, businesses, institutions, and governmental agencies in our economic system has the problems of obtaining, administering, and managing its funds efficiently and wisely. Nearly every decision made by an organization has important financial implications. Thus, the finance student is introduced to and studies the theory, concepts, applications, institutional environment, and analytical tools essential for proper decision making. Finance is designed as preparation for a broad variety of careers, since all organizations need individuals knowledgeable about finance. Careers may be in financial management and analysis, banking, financial institutions, financial markets, investments, portfolio analysis and management, financial planning, and multinationals. 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 must satisfy this requirement by earning a grade of “C–” or higher in CGS 2100 (state mandated business prerequisite requirement) or CGS 2518.

State of Florida Common Program Prerequisites
The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. ACG X021 or ACG X022, or ACG X001 and ACG X011
2. ACG X071 or ACG X301
3. CGS X100 (or demonstrated competency) or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or ISM X518
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100

Requirements
Requirements for the Finance 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 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 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 program prerequisites for finance majors; (3) at least sixty semester hours of courses in non-business disciplines which includes CGS 2518 Spreadsheets for Business Environments; (4) the general business core requirements for finance majors; (5) the general business breadth requirements for finance majors; and (6) the major area requirements for finance majors.

Note: To be eligible to pursue finance major, students must meet the admission requirements for the AACSB accredited business programs in the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements for Finance Majors

All finance majors must complete the following five courses. A grade of “C–” or better must be earned in each course.

BUL 3310 The Legal and Ethical 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 three 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 one elective from the following list of courses:
HFT 3240 Managing Service Organizations (3)
ISM 3003 Foundations of Management Information Systems (3)
MAN 3600 Multinational Business Operations (3)
MAN 4720 Strategic Management and Business Policy (3)
MAR 3400 Professional Selling (3)
REE 3043 Real Estate (3)
RMI 3011 Risk Management/Insurance (3)

Major Area Requirements for Finance Majors

All finance majors must complete six courses (eighteen semester hours) as listed below. A grade of “B–” or better must be earned in FIN 3403 and a grade of “C–” or better must be earned in CGS 2518 to be eligible to enroll in any 4000-level FIN course. 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 3371 Analysis of Financial Statement Presentation (3)

Note: The two course sequence, ACG 3101 (Financial Accounting and Reporting I) and ACG 3111 (Financial Accounting and Reporting II), may be substituted for ACG 3171.

ACG 3331 Cost Accounting and Analysis for Business Decisions (3)

Note: The two course sequence, ACG 3341 (Cost Accounting I) and ACG 3351 (Cost Accounting II), may be substituted for ACG 3331.

FIN 4424 Problems in Financial Management (3)
FIN 4504 Investments (3)

Plus two electives from the following list of courses:
FIN 4324 Commercial Bank Administration (3)
FIN 4412 Short-Term Financial Management (3)
FIN 4453 Financial Modeling and Forecasting (3)
FIN 4514 Security Analysis and Portfolio Management (3)
FIN 4604 Multinational Financial Management (3)
FIN 4934r Senior Seminar in Finance (3)
GEB 4455 Perspectives on Free Enterprise (3)
REE 4204 Real Estate Finance (3)
REE 4513 Real Estate Feasibility Analysis (3)

*Students may count only one of these REE courses as a Finance major elective.
Honors in the Major

The Department of Finance offers honors in the major to encourage talented students to undertake independent and original research as part of the undergraduate experience. For requirements and other information see the "University Honors Office and Honor Societies" chapter of this General Bulletin.

Definition of Prefixes

ECP — Economic Problems and Policy
FIN — Finance
GEB — General Business
MAN — Management
QMB — Quantitative Methods in Business

Undergraduate Courses

FIN 3140. Personal Finance (3). This course is a study of the concepts and processes in planning, analyzing, and controlling personal financial resources. Emphasizes financial planning, credit, cash 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 3244. Financial Markets, Institutions, and International Finance Systems (3). Prerequisites: ACG 2021 and ECO 2013. This course focuses on money and capital markets, financial institutions, financial systems, and financial environment including an introduction to investments. Emphasizes the microfinancial decision-making process of the business firm.

FIN 3403. Financial Management of the Firm (3). Prerequisites: ACG 2021 and ECO 2023. This course is an 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 with a grade of "B-" or better, and FIN 3244. This course is 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 and FIN 3403 with a grade of "B-" or better. This course focuses on the decisions impacting the short-term cash flows of organizations—public, private, governmental, and nonprofit. Topics include: cash management, treasury management, and working capital management.

FIN 4424. Problems in Financial Management (3). Prerequisites: FIN 3244 and FIN 3403 with a grade of "B-" or better. This course is an advanced study of financial management that relates the underlying principles of finance to the decision-making perspective of the financial manager. Selected topics include cash budgeting, working capital management, capital budgeting, risk analysis, valuation, long- and short-term financing, dividend decision, and financial forecasting. Case analyses are included.

FIN 4453. Financial Modeling and Forecasting (3). Prerequisites: FIN 3403 with a grade of "B-" or better and QMB 3200. This course is an introduction to financial modeling and forecasting. Emphasis is on computer models and forecasting financial variables.

FIN 4504. Investments (3). Prerequisites: FIN 3403 with a grade of "B-" or better and FIN 3244. This course is 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. This course is 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 with a grade of "B-" or better and FIN 3244. This course 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 4905r. 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 required finance electives detailed in the major requirements. May be repeated to a maximum of five times with the requirement that the topic changes each time. Consent of the department chairperson is required.

FIN 4934r. Senior Seminar in Finance (3). Prerequisites: FIN 3403 with a grade of "B-" or better and FIN 3244. May be repeated to a maximum of nine semester hours as topics vary. Additional prerequisites may be required depending on the topic.

FIN 4941. Finance Internship (3). (S/U grade only.) Prerequisite: Instructor permission. This internship is designed for College of Business students who desire to gain real world experience in the finance field through on-the-job practice. Students work under the direction of an approved industry professional, a faculty adviser, and the internship director.
Department of GEOGRAPHY

College of Social Sciences and Public Policy

Web Page: http://www.coss.fsu.edu/geography/

Chair: Victor Mesev
Professors: Elsner, Mesev, Steinberg
Associate Professors: Baker, Horner, Yang
Assistant Professors: Kobayashi, Pierce, Zhao
Affiliate and Adjunct Faculty: Fradel, Miller, Molina, O’Sullivan, Winsberg

The Department of Geography offers two separate majors reflecting the discipline’s position straddling the social and natural sciences: the geography major and the interdisciplinary environmental studies major. While these programs overlap to some extent, they differ in their substantive focus: the geography major is oriented more towards social and global concerns, using geographic information science and spatial statistics, while the environmental studies major revolves more explicitly around human interactions with the natural, physical, and biological environment, with a stronger interdisciplinary focus. Students may double major in geography and environmental studies; a maximum of eleven semester hours may be double-counted toward both majors.

Several career paths await the graduating geographer and environmental scientist in the public and private sectors. Both bring important knowledge and analytical techniques to resource management and planning agencies. Training enables geographers and environmentalists to determine where public facilities and infrastructure are best located so that the greatest number of people benefit. These skills are also valued by private firms investing in residential or commercial development; a geographer can pinpoint where investments are likely to yield the best returns, while an environmentalist is concerned with public health and habitat disturbance. Geographers fill such job titles as cartographer, intelligence officer, economic analyst, city and regional planners, housing valuer, transportation officer, local government worker, and welfare officer. On the other hand, environmentalists have jobs such as a resource conservationist in managing soil pollution, land use changes, river clarity, coastal protection, the weather, waste disposal, and forest and agricultural sustainability. 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 and Public Policy has a GIS 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 and environmental differences is essential to a basic education.

The geography department has expertise in 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. Research by faculty covers a number of interrelated topics, including hurricane damage, mitigation and relief, dune vegetation, urban lighting, the governance of global resources and marine territoriality, urban sustainability, fertility and mortality, coastal and estuarine studies, landscape ecology and carbon emissions, and conservation.

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 satisfy this requirement by earning a grade of “C-“ or higher in CGS 2060, CGS 2064, both GIS 3015 and GIS 4043, or CGS 2100 (with approval of department). Undergraduate majors in environmental studies satisfy this requirement by earning a grade of “C-“ or higher in CGS 2000, CGS 2064, CGS 2100, or BSC 2010L.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual/ for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. GEO XXXX and GEO XXXX: two introductory geography courses (GEO prefix) for a total of six credit hours

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. Within this framework, geographers examine virtually any social/physical issue, such as the linkages between international development and environmental conservation; the opportunities and problems associated with growth in Florida; monitoring the impact of hurricanes; transport navigation; consumer profiling; the debt crisis; military targeting; deforestation; conservation, and hunger, to name a few. With a geographic perspective, such issues become more than isolated events when they are placed in a broader context of global understanding. In an interdependent world where decisions made in Tokyo or Iowa affect the lives of people in all societies, responsible citizenship requires a solid foundation in geographic knowledge. Geography is the study of place, or space, in the same sense that history is the study of time. The first question a geographer asks is “where are things located?” but even more important is “why are they located where they are?” and “how do we map them?” Geographers are concerned with interpreting and explaining the occurrence, distribution, and interrelationships in the physical and cultural realms. Because of the breadth of its focus, Geography is both a natural science and a social science. It forms an interdisciplinary bridge between the physical and cultural worlds, examining both humans and their environment. Some geographers specialize in environmental issues, including patterns of climate, vegetation, soil, landforms, resources, and hazards and their relations to humans. Economic, social, and political geographers investigate such issues as agricultural land use, settlement patterns, boundary disputes, the trade areas of cities, cultural diffusion, perceptions of the environment, labor markets and international trade. While others focus on mapping these applications with computer software and global positioning systems at ever improving accuracy and precision.

Major Requirements

A major in geography consists of thirty-four semester hours. All courses must be completed with a grade of “C-“ or better.

All of the following core courses are required (nineteen hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 1000</td>
<td>World Geography</td>
</tr>
<tr>
<td>GEO 1400</td>
<td>Human Geography</td>
</tr>
<tr>
<td>GEO 2200C</td>
<td>Physical Geography</td>
</tr>
<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 Processing and Systems</td>
</tr>
</tbody>
</table>

AND

GIS 4043L Geographic Information Systems Lab

Human Geography (three hours) Select one course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 3502</td>
<td>Economic Geography</td>
</tr>
<tr>
<td>GEO 4357</td>
<td>Environmental Conflict and Economic Development</td>
</tr>
<tr>
<td>GEO 4421</td>
<td>Cultural Geography</td>
</tr>
<tr>
<td>GEO 4450</td>
<td>Medical Geography</td>
</tr>
<tr>
<td>GEO 4471</td>
<td>Political Geography</td>
</tr>
<tr>
<td>GEO 4602</td>
<td>Urban Geography</td>
</tr>
<tr>
<td>GEO 4700</td>
<td>Transport Geography</td>
</tr>
<tr>
<td>GEO 2XXX</td>
<td>courses numbered 2000 or higher</td>
</tr>
</tbody>
</table>

Physical Geography (three to four hours) Select one course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 4213</td>
<td>U.S. National Parks</td>
</tr>
<tr>
<td>GEO 4114</td>
<td>Environmental Field Methods</td>
</tr>
<tr>
<td>GEO 4300</td>
<td>Biogeography</td>
</tr>
<tr>
<td>GEO 4375</td>
<td>Landscape Ecology</td>
</tr>
<tr>
<td>GIS 4035</td>
<td>Introduction to Remote Sensing</td>
</tr>
</tbody>
</table>

AND

GIS 4035L Introduction to Remote Sensing Lab

General Geography courses (eight to nine hours)

Students must select additional geography courses (GEA/GEO/GIS) at the 3000/4000 level to bring the total credits in the major to thirty-four; coursework may include a maximum of nine credit hours of GEO 4930 Special Topics classes. A maximum of three credit hours may be used from GEO 4905 DIS or GEO 4941 Internship.

No credit for geography courses with a grade below “C-“ will be applied towards completion of the major.

Minor coursework: at least twelve hours
Geography majors are required to complete a minor in any departmental or interdisciplinary area of interest approved by the undergraduate advisor. Minors normally range from twelve to eighteen hours.

Minor in Geography

The geography minor consists of fifteen semester hours of coursework in geography from the following choices:

- **GEA 1000** World Geography
- **GEO 1400** Human Geography
- **GEO 1330** Environmental Science
- **GEO 2200C** Physical Geography
- **GEO 4162C** Spatial Data Analysis
- **GIS 3015** Map Analysis

Any GEA/GEO/GIS 3000 or higher elective

All courses must be completed with a grade of “C–” or better. If the geography minor is combined with the environmental studies major, GEO1330/GEO2200C and one other course (up to six credits total) may count toward both the major and the minor. For more information contact Mrs. Leslee Horner, Undergraduate Adviser, Department of Geography, 311 Bellamy, (850) 644-8386 or horner@fsu.edu, or visit the department’s Web site at http://www.coss.fsu.edu/geography/.

Environmental Studies Major

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 is highly flexible and allows students to explore a large variety of classes when choosing how to study how humans interact, control, and live in harmony with nature. It requires forty-one semester hours with a grade of “C–” or better in each course; at least eighteen 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 credit hours):

- **BSC 2010** Biological Science I

AND

- **BSC 2010L** Biological Science I Lab
- **CHM 1045** General Chemistry I

AND

- **CHM 1045L** General Chemistry I Lab
- **GEO 1330** Environmental Science (previously GEO 1313)
- **GEO 2200C** Physical Geography (previously GEO 3200C)

II. **Natural Science Electives:** four courses (total twelve credit hours) from the following list:

- **BOT 3015** Plant Biology
- **BOT 3143** Field Botany
- **BSC 2011** Biological Science II
- **BSC 3052** Conservation Biology
- **BSC 3312** Marine Biology
- **BSC 4515** Aquatic Pollution Biology
- **BSC 4934** Selected Topics in Applied Biology (subjects vary)
- **CHM 1046** General Chemistry II
- **EES 2205C** Environmental Engineering Chemistry
- **EES 3040** Introduction to Environmental Engineering Science
- **ENV 4001** Environmental Engineering
- **ENV 4041** Environmental Systems Analysis
- **ENV 4405** Water Reuse Engineering
- **ENV 4341** Solid and Hazardous Waste Engineering
- **GEA 4213** U.S. National Parks
- **GEO 4300** Biogeography
- **GEO 4930** Special Topics in Geography (Note: content varies and not all GEO 4930 courses will count as Natural Science Electives)
- **GLY 1030** Environmental Issues in Geology
- **GLY 1070** Living on the Water Planet
- **GLY 2010C** Physical Geology
- **ISC 2003** Global Change, Its Scientific and Human Dimensions
- **MET 2101** Physical Climatology

III. **Social Science Electives:** three of the following courses (total nine credit hours):

- **AMH 4630** North American Environmental History
- **AMH 4634** Florida Environmental History
- **ECP 3113** Economics of Population
- **ECP 3302** Economics of Natural Resources, Energy, and the Environment
- **ECS 4013** Economics of Development
- **GEO 3502** Economic Geography
- **GEO 4340** Living in a Hazardous Environment
- **GEO 4357** Environmental Conflict and Economic Development
- **GEO 4372** Natural Resource Assessment and Analysis
- **GEO 4376** Landscape Ecology
- **GEO 4403** Global Change, Local Places
- **GEO 4421** Cultural Geography
- **GEO 4450** Medical Geography
- **GEO 4471** Political Geography
- **GEO 4700** Transport Geography
- **GEO 4930** Special Topics in Geography (if approved by advisor)
- **PAD 3003** Public Administration in American Society
- **PAD 4603** Administrative Law
- **PHI 2620** Environmental Ethics
- **PUP 3002** Introduction to Public Policy
- **PUP 4203** Environmental Politics and Policy
- **SYD 3020** Population and Society
- **SYD 4510** Environmental Sociology
- **URP 3000** Introduction to Planning and Urban Development
- **URP 4022** Collective Decision Making
- **URP 4318** Growth Management and Environmental Planning
- **URP 4402** Sustainable Development Planning in the Americas
- **URP 4404** River Basin Planning
- **URP 4423** Environmental Planning and Resource Management
- **URP 4710** Transportation Planning
- **URP 4936** Special Topics in Planning (if approved by advisor; subjects vary)

IV. **Methods Electives:** two of the following courses (total six to seven credit hours):

- **ENV 4611** Environmental Impact Analysis
- **GEO 4114** Environmental Field Methods
- **GEO 4162C** Spatial Data Analysis (or SYA 4400, or STA 2122, or STA 2171)
- **GIS 3015** Map Analysis
- **GIS 4006** Computer Cartography
- **GIS 4035** Introduction to Remote Sensing

AND

- **GIS 4035L** Introduction to Remote Sensing Lab
- **GIS 4043** Geographic Information Processing and Systems

AND

- **GIS 4043L** Geographic Information Systems Lab
- **STA 3024** Intermediate Applied Statistics
- **SYA 4300** Methods in Social Research

Minor in Environmental Studies

A minor in environmental studies consists of a minimum of fifteen credit hours, composed of the following:

- **GEO 1330** Environmental Science
- **GEO 2200C** Physical Geography
- One Natural Science Elective (Group II)
- One Social Science Elective (Group III)
- One Methods Elective (Group IV)

All courses must be completed with grades of “C–” or better. If an environmental studies minor is combined with a geography major, GEO 2200C and one other course (up to six credits total) may be applied to both the major and the minor.
Graduate Programs

Graduate programs are available leading to the Master of Arts (MA), the Master of Science (MS), the Applied Master of Science (MS) in GIS, and the Doctor of Philosophy (PhD) in Geography. The graduate programs in geography lead to an applied or a research-oriented degree centered around geographic information science (GISC), environmental management, or human-environmental interactions.

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. Mark Horner, 306 Bellamy, (850) 644-8377, or mhorner@fsu.edu.

Definition of Prefixes

GEO—Geography
GEA—Geography: Regional Areas
GIS—Geographic Information Systems

Undergraduate Courses

GEO 1000. World Geography (3). This course is a regional survey of the human occupation of the face of the earth, local cultures, political systems, and development problems.

GEO 2210. United States and Canada (3). This course examines the physical diversity and the cultural development of the United States and Canada from pre-Columbian times to the end of the twentieth century. This course fulfills the Political Science requirement of the social studies distribution.

GEO 3423. Sports Geography (3). This course focuses on the physical, social, and economic geography of the United States and Canada, with emphasis on growth and environmental issues.

GEO 3173. Third World in Film (3). This course uses weekly feature films 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 their concept of "development."

GEO 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.

GEO 4213. U.S. National Parks (3). This course reviews the history, social, and environmental significance of America’s national parks.

GEO 4405. Latin America (3). This course focuses on the contemporary Latin American landscape, its historical formation, societies and problems.

GEO 4500. Europe (3). This course focuses on Europe’s terrain, variety of cultures, economies, and current trends toward unity.

GEO 4520. Britain and Ireland (3). This course explores the physical and human geography of the United Kingdom and Ireland.

GEO 4545. Russia and Southern Eurasia (3). This course explores the peoples, cultures, and places of the former Soviet Union. Discusses the region’s natural environment, historical development, and contemporary politics.

GEO 4635. Geography of the Middle East (3). This course reviews the history and essential economic and environmental factors of the Middle East region. The centrifugal and centripetal forces affecting development, culture, religion, ethnicity, and geopolitics.

GEO 1330. Environmental Science (3). This course explores the causes of local and global environmental problems and their impacts, including resource use, pollution, ecosystems, and population growth.

GEO 1400. Human Geography (3). This course is an introductory survey of world cultures, population problems, global economic restructuring, international development, and political interdependence.

GEO 1931r. Colloquium in Social Science and Public Affairs (1). This course provides a venue for discussing key issues and controversies that students are likely to encounter as they pursue a major in one of the social sciences. Students learn critical skills in debating public policy issues while also gaining an appreciation for topics that shape everyday life. These topics are impacted by social forces, economic dynamics, and governmental decisions around the world. May be repeated to a maximum of two hours.

GEO 2200C. Physical Geography (3). This course is an overview of Earth-sun relations, weather, climate, landforms, water systems, soils, and vegetation.

GEO 3423. Sports Geography (3). This course focuses on the geographical basis of sports at different spatial scales, including locational strategies of franchises, recruiting patterns, and the urban political economy of professional sports arenas.

GEO 3592. Economic Geography (3). This course examines 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 peasant agriculture growth.

GEO 4114. Environmental Field Methods (3). This course focuses on the design and implementation of a field-based project employing field sampling, GIS, GPS, and exploratory statistical methods.

GEO 4162C. Spatial Data Analysis (3). This course is an introduction to quantitative analysis of spatial data including measures of central tendency and dispersion, probability, sampling, statistical testing, correlation, point pattern analysis, and trend surface analysis.

GEO 4300. Biogeography (3). This course examines the spatial distributions of flora and fauna, ecosystem change, and human interventions such as logging, invasive species, and wilderness preservation.

GEO 4340. Living in a Hazardous Environment (3). This course explores types of environmental hazards (natural and human-made) and their effects, techniques for the analysis of risks, strategies for recovering losses.

GEO 4357. Environmental Conflict and Economic Development (3). This course examines controversies over the use, transformation, and destruction of nature, including political ecology.

GEO 4372. Natural Resource Assessment and Analysis (3). This course examines the assessment and analysis of policies concerning natural resources and environmental management in the U.S. and internationally.

GEO 4376. Landscape Ecology (3). Prerequisites: GEO 1330, GEO 2200C, and GIS 4043. This course offers a review of methods on analyzing geographic patterns of natural phenomena, including ecological conservation, natural resource management, landscape and urban planning, as well as human-environmental interactions and implications. Familiarity with software packages such as ArcGIS is assumed.

GEO 4403. Global Change, Local Places (3). This course examines four aspects of global change—economic, environmental, cultural, and political—with a focus on how globalization is impacting individual countries and how places are responding to globalization’s challenges.

GEO 4421. Cultural Geography (3). This course studies the processes by which various cultural features have diffused throughout the world. Emphasis is on the contemporary cultural landscape.

GEO 4450. Medical Geography (3). Prerequisite: GEO 1400. This course applies geographical concepts and techniques to health-related problems, including the ecology of health, disease diffusion, medical cartography, and health care access.

GEO 4471. Political Geography (3). This course focuses on the spatial dimensions of political processes from the local to the global level, including elections and geopolitics of the world system.

GEO 4602. Urban Geography (3). This course explores the historical growth of cities; economic structure of commercial, industrial, and public facilities within cities; residential segregation; urban poverty and fiscal distress, and urbanization in the third world.

GEO 4700. Transport Geography (3). This course offers a review of the literature and techniques for the spatial impacts of transportation systems, including functionality, and their role on society, the economy, energy, the environment, and sustainability.

GEO 4905r. Directed Individual Study (1–5). May be repeated to a maximum of nine semester hours.

GEO 4930r. Special Topics in Geography (1–3). May be repeated to a maximum of nine semester hours.

GEO 4932. Honors Work (1–6). May be repeated to a maximum of nine semester hours.

GEO 4941r. Internship (3–6). This course provides students with an opportunity to apply skills in supervised situations off-campus. Course may be repeated to a maximum of six semester hours. Only three may be counted toward the major.

GIS 3015. Map Analysis (3). This course is an introduction to the acquisition, processing, and presentation of cartographic data.

GIS 4006. Computer Cartography (3). This course is an examination of computer mapping systems, theory, methodology, and applications.

GIS 4055. Introduction to Remote Sensing (3). Corequisite: GIS 405YL. This course covers remote sensing foundations and the use of remote sensing for environmental and cultural applications. Focus is on the foundations of remote sensing, aerial photography, and photogrammetry, characteristics of various sensing systems, remote sensing applications, and an introduction to geographic co-visualizing.

GIS 4055L. Introduction to Remote Sensing Lab (1). Corequisite: GIS 405L. This lab provides practice with the concepts and techniques in remote sensing. Specifically, the lab covers the foundations of remote sensing, aerial photography and photogrammetry, characteristics of various sensing systems, remote sensing applications, and basic skills in digital image processing.

GIS 4043. Geographic Information Processing and Systems (3). This course is a survey of GIS topics, including locational control, spatial data structures, modeling and analysis, and future trends in decision support, sensors, and geographic methods.

GIS 4043L. GIS Lab (1). Prerequisite: GIS 3015. Corequisite: GIS 4043. This laboratory is computer practice in the use of geographic information system software.

Graduate Courses

GEA 1931r. Advanced Area Studies (3).

GEA 5058. Survey of Geographic Thought (3).

GEA 5115. Environmental Field Methods (3).

GEA 5118C. Introduction to Geographical Research (3).

GEA 5165C. Quantitative Geography (3).

GEA 5166. Advanced Quantitative Geography (3).

GEA 5305. Biogeography (3).

GEA 5345. Disaster Preparedness and Hazards Mitigation (3).

GEA 5358. Environmental Conflict and Economic Development (3).

GEA 5376. Landscape Ecology (3).

GEA 5377. Natural Resource Assessment and Analysis (3).

GEA 5378. Landscape Ecology (3).

GEA 5414. Geospatial Data and Analysis (3).
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.

College of Communication and Information

The School of Communication Science and Disorders has a major in communication sciences and disorders and offers bachelor’s, master’s, and doctoral degrees. The scope of the school includes the whole of human communication, both normal and disordered. Students learn the total processes of communication, develop analytical and communication skills, and obtain experience in evaluation, treatment, and research. For additional information, please refer to the “School of Communication Science and Disorders” chapter in this General Bulletin, e-mail erica.lee@cci.fsu.edu, call (850) 644-2253, or visit http://www.commdisorders.cci.fsu.edu/.

The School of Communication Science and 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 semester hours of coursework and three semester hours of practicum from an approved list of courses and practica. More than forty courses are available in the following disciplines: art education; communication science and 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 additional information, please refer to the “School of Communication Science and Disorders” chapter in this General Bulletin, e-mail linda.gessner@cci.fsu.edu, call (850) 644-9141, or visit http://www.commdisorders.cci.fsu.edu/.

College of Human Sciences

The Department of Nutrition, Food and Exercise Sciences provides students with a solid foundation in the scientific aspects of nutrition, foods, health-related physical fitness, and sports sciences 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 physiopathology and health taught by the department faculty. The dietetics major, particularly if followed up by an accredited dietetic internship, prepares students to apply their expertise in nutrition science and food service management in a variety of employment settings such as hospitals, HMO’s, sports nutrition and corporate wellness programs, business and industry, public health, education, research, and private practice.

The athletic training 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 content areas: 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.

The Sports Sciences Major of the Master’s of Science Degree in Exercise Science is designed for students with an interest in strength and conditioning, human/athletic performance, and athletic training/sports medicine. The Program provides an opportunity for students to gain advanced knowledge, skills, and abilities in sports sciences through a combination of didactic instruction, laboratory experiences, and supervised practica. Research projects
oriented toward some aspect of strength and conditioning, human/athletic performance, or athletic training/sports medicine are available for those interested in the thesis option. Graduates of the major will be academically prepared to sit for the Certified Strength and Conditioning Specialist examination through the National Strength and Conditioning Association (NSCA).

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, exercise physiology, or sports sciences. Four areas of specialization exist at the doctoral level: exercise physiology, food science, nutrition, and neuroscience. Doctoral graduates continue to be recruited for academic positions, (e.g., assistant professor, and post-doctoral fellow) and by industry (particularly, food science majors) to research and develop new food products.

**College of Nursing**

The College of Nursing offers bachelors, masters, and doctoral degree programs. The mission of the College of Nursing is to develop nursing leaders for professional practice and research in diverse settings. 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 and doctoral programs are prepared for advanced professional positions. For additional information, please refer to the “Nursing” chapter in this General Bulletin, e-mail info@nursing.fsu.edu, call (850) 644-3296, or visit [http://nursing.fsu.edu/](http://nursing.fsu.edu/).

**College of Social Sciences and Public Policy**

The College of Social Sciences and Public Policy offers the Master of Public Health (MPH) degree. MPH degree graduates will be trained principally as health policy analysts. They will have a rich background in epidemiology, health economics, health behavior, health administration, health policy and policy analysis, and statistical and qualitative analytic skills. Careers are likely to include government agency or legislative staff positions, policy and consulting firms, think tanks, advocacy organizations and lobbying firms, international organizations focused on health and population issues, academic or media positions.

The program offers a combined Bachelor of Science/Master of Public Health (BS/MPH) program that makes it possible for college seniors with a 3.0 or higher GPA to enroll in a limited number of graduate level MPH courses as elective hours toward their bachelor’s degree. Theses courses may also count toward the MPH degree upon later acceptance and enrollment in the graduate program. For additional information, please refer to the “Public Health” chapter in this General Bulletin, e-mail william.weissert@fsu.edu, call (850) 644-4418, come by 211 Bellamy building, or visit [http://www.coss.fsu.edu/publichealth/](http://www.coss.fsu.edu/publichealth/).

**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. For information, please refer to the “Social Work” chapter in this General Bulletin, e-mail info@csw.fsu.edu, call (800) 378-9550 or (850) 644-4751, or visit [http://csw.fsu.edu/](http://csw.fsu.edu/).
Department of HISTORY

COLLEGE OF ARTS AND SCIENCES

Web Page: http://www.history.fsu.edu

Chair: Grant; Associate Chair (Graduate Studies): Creswell; Associate Chair (Undergraduate Studies): Upchurch; Professors: Blaufarb, Doell, Gellately, Grant, Gray, J. Jones, M. Jones, Junomville, McMahon, Wynot; Associate Professors: Creswell, Davis, Frank, Garretson, Harper, Herrera, Liebeskind, Sinke, Stoltzfus, Upchurch, Williamson; Assistant Professors: Avina, Hanley, Koslow, Mizelle; Professors Emeriti: Anderson, Bartlett, Betten, Bryant, Conner, Horvad, Keuchel, Moore, Oldson, 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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. AFH XXXX or AMH XXXX or EUH XXXX or WOH XXXX or LAH XXXX or ASH XXXX or HIS XXXX
2. AMH XXXX or EUH XXXX or WOH XXXX or LAH XXXX or AFH XXXX or ASH XXXX or HIS XXXX

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 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 additional semester hours in history (above 2999) distributed as follows:

1. Six semester hours of American history
2. Six semester hours of European history
3. Six semester hours of Latin American, Asian, African, or Russian history
4. Three 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 of the thirty-three 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 semester hours beyond liberal studies requirements in an approved departmental field or fifteen 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 the 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 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 semester hours of test credit in an area will be required to complete the resulting three semester hour shortfall per area toward the major. For information regarding the fulfillment of this policy, please contact the history department adviser.

Hons in the Major

Honors work in the major is offered to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and the associate chairman for undergraduate studies in history.

Certification in Social Science Education with History Concentration

All undergraduates interested in certification in social science education should take the core courses as part of their liberal studies requirements; therefore, they are urged to consult an adviser in the College of Education as early as possible. Students seeking certification must also apply for admission to teacher education. Application forms are obtained from the College of Education’s office of student services. A student should have and maintain a 2.75 overall GPA in all courses to be eligible.

Requirements for a Minor in History

Twelve 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 of the twelve 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 semester hours from this list: AMH 1091, AMH 2010, AMH 2095, AMH 2096, AMH 2097; AMH2583, 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 examines, both chronologically and thematically, the experience of African-Americans in the United States and the factors shaping the nation's history. The course does not count as credit toward the history major.

AMH 2010. A History of the United States (3). This course is a survey of United States history with emphasis on social, economic, and political issues up through the Civil War. May not be taken by students with test credit in American history.

AMH 2020. A History of the United States (3). This course surveys the United States from the end of the Civil War to the present. Topics include the evolution of social, economic, and political problems of the 20th century. May not be taken by students with test credit in American history.

AMH 2095. The American Indians and the United States (3). This course surveys American Indian relations with the people and the government of the United States, beginning in the 1760s and continuing to the present. The course examines the Indians' diplomatic and military struggles, first to retain their territories and later to maintain some level of self-determination and cultural integrity. Students are also exposed to the Indian perspective on familiar historical events such as the Civil War, the New Deal, and the Civil Rights Movement. This course may count as credit toward the history major.

AMH 2096. Black Women in America (3). This course examines (using both a chronological and a thematic approach) the unique experience of the African-American woman in the United States and the role that black women have played in shaping this nation's history. The course does not count as credit toward the history major.

AMH 2097. Nationality, Race, and Ethnicity in the United States (3). This course explores the history of the United States and the role of race, acculturation, and assimilation, and the conflict from colonial times to the present. The course does not count as credit toward the history major.

AMH 2583. History of the Seminoles and the Southeastern Tribes (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 3470. The Evolution of Organized Crime (3). This course discusses the evolution of organized crime in the United States, the social and legal factors that contributed to its development, and the ethnic groups involved.

ASH 1044. Middle Eastern History and Civilization (3). This introductory course is on the history of the Middle East and its connections to the Western tradition. It covers the evolution of the political, economic, and cultural factors of the modern Middle East, including the impact of Western influences and the modern Middle East in the American imagination. The course meets three hours per week to allow for in-depth analysis.

ASH 3100. History of Asia (3). This course is an introduction to political, cultural, and economic history of Asia from antiquity to the present. It places special emphasis not only on the study of important Asian kings and leaders but also on the various religions that originated in Asia.

EUH 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 the political, religious, and social institutions of the Western tradition. Students will have the opportunity to develop a college credit in Western civilization courses covering the same general chronological period cannot receive credit for EUH 2000. May not be taken by students with test credit in European history.

EUH 3205. 19th-Century Europe: A Survey (3). This course focuses on the history of Europe from the close of the Napoleonic Wars to the turn of the century, a period in which Europe was at the height of its wealth and power. Particular attention is paid to the major powers.

EUH 3350. England, the Empire and the Commonwealth (3). This course offers a history of Great Britain and the Empire-Commonwealth since 1783 and developments within the Commonwealth itself. Some consideration is given to post–World War II changes with Britain as a political and cultural affiliate of the U.S. This course requires the completion of an essay component, defined as 3,000 words per course.

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.

LAH 1093. Latin America: A Cross-Cultural History (3). This course is a cross-cultural history of Latin America focusing on the cultural and social aspects of the region, beginning with the Spanish and Portuguese conquests and continuing to the present.

WOH 1023. The Modern World to 1815 (3). This liberal studies course deals with the origins and development of political, economic, social, and intellectual antecedents of the modern world from the end of the Middle Ages to 1815. Students who have previous college credit in Western civilization courses covering the same general chronological period cannot receive credit for WOH 1023. May not be taken by students with test credit in European history.

WOH 1030. The Modern World Since 1815 (3). This liberal studies course deals with the origins and development of political, economic, social, and intellectual antecedents in the modern world since 1815. Students who have previous college credit in Western civilization courses covering the same general chronological period cannot receive credit for WOH 1030. May not be taken by students with test credit in European history.

African History

AFH 1000. African History and Civilization (3). This introductory course for African history and civilization covers the broad sweep of African history and culture. The primary emphasis is to understand the background to some of Africa's major problems and possibilities today, with a course design oriented around the role of Africa as a viable economic and political force in the world today.

AFH 3451. Sub-Saharan Africa Since 1800 (3). This course offers a history of Sub-Saharan Africa since 1800, in an effort to provide an understanding of the background and problems of some of the African states today.

AFH 4302. North African History: A Survey (3). This course concentrates on the economic and political factors of the region. It is a survey of the 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 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 present.

AMH 3310. Social History of the United States (3). This course offers an analysis of the day-to-day lives of American people. Topics 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). This course offers an intermediate level survey of the social and political developments in the fields of law and criminology, from the colonial era through Reconstruction. The course focuses on the role of social particular economic and political behavior, punishments, changing definitions of citizenship, and the Constitution.

AMH 3351. U.S. Political History to 1877 (3). This course covers the colonial and revolutionary background of U.S. politics. Topics cover U.S. political parties and elections from the 1790s to 1877, emphasizing the presidency and the groups and issues that have influenced political parties. AMH 3351 is not a prerequisite for 3352.

AMH 3352. U.S. Political History from 1877 to the Present (3). This course 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 West during the Nineteenth Century. This course covers the evolving political landscape of the American frontier, with an emphasis on the political and social changes that occurred from the 1840s to the 1890s.

AMH 3470. The Evolution of Organized Crime (3). This course covers the evolution of organized crime in the United States, the social and legal factors that contributed to its development, and the ethnic groups involved.

AMH 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. The course covers the evolution of law and crime in the United States, with an emphasis on the changing definitions of criminal behavior, regional patterns of crime, the changing nature of punishment, and Constitutional issues relating to crime.

AMH 3540. Military History of the United States (3). This course is a survey of the military experiences and issues in American history. The course analyzes the impact of war, economic issues, technological developments, politics, and other factors that have influenced the development of the military aspects of U.S. history.

AMH 3544. The United States and Vietnam, 1941–1975 (3). This 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). This course studies and compares the founding and development of the English colonies in North America.

AMH 4130. Revolutionary America, 1760-1788 (3). This 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. Emphasis is placed on the origins, course, and aftermath of the colonial rebellion that became the American Revolution and led to the independence of the U.S. The course considers the fundamental causes of the Revolution and the many ways in which the former colonies were transformed by the experience.

AMH 4172. The Civil War Era (3). This course offers an in-depth study of the twenty years from 1845 to 1865. Emphasis is placed on the coming of the Civil War, the secession crisis, and on both the military and non-military events of the war years.

AMH 4173. Post-Civil War America, 1865–1890 (3). This course analyzes post-Civil War America with emphasis on the black role in American society and the attempt to heal the wounds of the Civil War. Topics include the rise of big business, labor unions, and the last frontier.

AMH 4220. U.S. Progressive Era, 1890–1920 (3). This course includes 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. Emphasis is placed on the nation’s effort to accommodate old values with the new realities.

AMH 4231. The United States, 1920–1945: Prosperity, Depression, and World War II (3). This course offers an overview of U.S. history from 1920 through 1945. Topics include political, economic, diplomatic, military, social, and cultural and intellectual developments during that period.
ALW 4630. Florida Environmental History (3). This course introduces the methodologies and approaches of environmental history to Florida, considering the changing relationships between human beings and the natural world in America through time.

AMH 4840. Humor and the American Mind (3). This course discusses American intellectual and cultural history from the eighteenth-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 3200. History of the Ancient Near East (3). This course surveys the history of the Near East—Anatolia, Mesopotamia, Egypt, the Holy Land—in the ancient period.

CLA 4437r. Studies in Greek History (3). This course focuses on the period from the beginning to the fall of the Roman Republic (31 B.C.E., The Death of Actium).

CLA 4438r. Studies in Roman History (3). This course covers the history of Rome from the death of Socrates (399 B.C.) to the Roman conquest (146 B.C.E., the sack of Corinth by Mammaius).

Euh 4411. The Roman Republic (3). This course covers the history of Rome from its foundation (traditionally 753 B.C.) to the fall of the Roman Republic (31 B.C.E., The Death of Actium).

Euh 4412. The Roman Empire (3). This course covers the history of the Roman Empire from Augustus to Constantine. Emphasis on the evolution from the principate to the development of the imperial state.

Euh 4413. The Roman Empire (3). This course offers 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 role of the Cotton Kingdom and the causes of secession.

Euh 4419. The Age of Alexander the Great (3). This course covers the life of Alexander the Great and his empire.

Euh 4420. Traditional India (3). This course covers the history of India from antiquity to the 17th century. It puts special emphasis on the role of Indian religions such as Hinduism, Buddhism, Jainism, and Sikhism, but also on the role of the British on India and the lives of modern South Asia leaders like Gandhi, Nehru, and Jinnah.

Euh 4520. Modern India (3). This course introduces the history of India from the 18th century to the present. It deals in depth with the history of British rule on India the 18th century to the present. It deals in depth with the impact of British rule on India and the lives of modern South Asia leaders like Gandhi, Nehru, and Jinnah.

Classical History

Note: The following history courses are offered through the Department of Classics.

ASH 3200. History of the Ancient Near East (3). This course surveys the history of the Near East—Anatolia, Mesopotamia, Egypt, the Holy Land—in the ancient period.

CLA 4437r. Studies in Greek History (3). This course focuses on the period from the beginning to the fall of the Roman Republic (31 B.C.E., The Death of Actium).

CLA 4438r. Studies in Roman History (3). This course covers the history of Rome from the death of Socrates (399 B.C.) to the Roman conquest (146 B.C.E., the sack of Corinth by Mammaius).

Euh 4411. The Roman Republic (3). This course covers the history of Rome from its foundation (traditionally 753 B.C.) to the fall of the Roman Republic (31 B.C.E., The Death of Actium).

Euh 4412. The Roman Empire (3). This course covers the history of the Roman Empire from Augustus to Constantine. Emphasis on the evolution from the principate to the development of the imperial state.

Euh 4413. The Roman Empire (3). This course offers 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 role of the Cotton Kingdom and the causes of secession.

Euh 4419. The Age of Alexander the Great (3). This course covers the life of Alexander the Great and his empire.

Euh 4520. Traditional India (3). This course covers the history of India from antiquity to the 17th century. It puts special emphasis on the role of Indian religions such as Hinduism, Buddhism, Jainism, and Sikhism, but also on the role of the British on India and the lives of modern South Asia leaders like Gandhi, Nehru, and Jinnah.

Euh 4550. Modern India (3). This course introduces the history of India from the 18th century to the present. It deals in depth with the impact of British rule on India the 18th century to the present. It deals in depth with the history of British rule on India and the lives of modern South Asia leaders like Gandhi, Nehru, and Jinnah.

European History

EUH 3205. 19th-Century Europe: A Survey (3). This course covers the history of Europe from the start of the Napoleonic Wars to the end of the century, a period in which Europe was at the height of its wealth and power. Particular attention is paid to the major powers.

EUH 3206. 20th-Century Europe: A Survey (3). This course surveys the history of Europe from the start of the Napoleonic Wars to the end of the century, a period in which Europe was at the height of its wealth and power. Particular attention is paid to the major powers.

EUH 3292. Twentieth-Century Europe Through Film (3). This course surveys the history of Europe from the start of the Napoleonic Wars to the end of the century, a period in which Europe was at the height of its wealth and power. Particular attention is paid to the major powers.

EUH 3341. Modern Italy (3). This course traces the development of Italy from the Enlightenment to the present. Discussions concentrate on the major social, political, and intellectual currents, centering on the unification movement, the crisis of the Liberal State, and Fascism.

EUH 3501. The Making of Modern England (3). This course covers the history of Great Britain and the Empire-Commonwealth since 1783 and developments within the Commonwealth itself. Some consideration is given to post–World War II changes within Britain and to Britain's foreign affairs.
This course examines the so
This course focuses on the post–
This course focuses on Latin America's largest and
Economic, diplomatic, imperial, social, and political affairs are considered.
EUH 4576. 20th-Century Russia (3). This course examines the social, economic, cultural, and international, as well as political, development of Russia from the final years of Tsarist rule through the Bolshevik Revolution to its emergence as one of the world’s superpowers in the 1920s.
EUH 4602. European Intellectual History, 1500–1800 (3). This course explores the history of ideas documenting transition from “Medieval Mind” to “Modern Mind,” including impact of four Renaissances, Protestant Reformation, Scientific Revolution, and Age of Enlightenment. Interdisciplinary approach includes philosophy, literature, art, political theory, economic thought, science, and religion.
EUH 4603. European Intellectual History, 1800 to Present (3). This course explores the history of ideas in the last two hundred years, exploring the 19th century as the Age of “Isms” (including Liberalism, Conservatism, Communism, Rationalism, Idealism, Nationalism, Industrialism, Imperialism, Positivism, Darwinism, Historicism) and establishing the 20th century as the Age of Crisis in which traditional Western Civilization disintegrates.
His 4250. War and the Nation State (3). This course examines the phenomenon of war in its broader social-political-economic context from a historical and comparative perspective.
His 4260. War and Society in the Age of Revolution (3). This course offers an overview of the interaction between war, social change, and political transformation during the Age of Revolution (1750-1850) in the Atlantic World.
SLL 3500. Slavic Culture and Civilization (3). This course examines the Slavic peoples, their cultures and traditions, from prehistory to present day. The nations profiled are Ukraine, Czech Republic, Poland, Croatia, Bosnia, and Serbia. Novels and film give students a perspective from the “inside.” Taught in English.
WOH 4222. The Worlds of Captain Cook (3). This course explores the social and cultural worlds of the great 18th-century British navigator, James Cook. Specifically, the course explores the places where Cook went, the social world of the British Navy, the ethnohistorical dynamics of British-Native interactions in the Pacific, as well as Cook’s legacy for the British and for the peoples of the Pacific.

Historical Administration
His 4065. Public History Theory and Methods (3). This course offers an overview of the different specialties of public history, the historic preservation movement in the US, archives, history museums, oral history, commemoration, and the use of new media for public presentations of history.

Latin American History
LAH 3411. History of Mexico, Central America, and the Caribbean (3). This course covers the history of Mexico, Central America, and the Caribbean nations of Cuba, Dominican Republic, Haiti, and Puerto Rico from the Indian civilizations of the remote past to the social conflicts of the present.
LAH 3456. History of Panama Since 1940 (3). This course covers the history of Panama from 1940 to the present. Emphasizes the impact of WWII, politics, social change, and sovereignty in Panama.
LAH 3500. History of South America (3). This course is an introductory survey from the Inca Civilization to modern Chile, Peru, Argentina, etc. Emphasis is placed on the conflicts and contrasts between Indian and European culture and on basic social, economic, and political evolution. The persistence of “underdevelopment” and poverty are also explored.
LAH 3734. Latin American History Through Film (3). This course is an introduction to Latin American history through films. Analysis of how Latin Americans are portrayed in international and national cinema. Integration of television and literature to illustrate the impact of mass media on Latin Americans.
LAH 4430. History of Mexico (3). This course covers the history of Mexico from the Spanish invasion to the present, emphasizing the 19th and 20th centuries. Deals with cultural and social history as well as political movements.
LAH 4470. History of the Caribbean (3). This course focuses on Cuba, Puerto Rico, and other Caribbean societies. European and United States colonialism and local Caribbean forces are studied to help understand the area’s social, economic, and political problems and prospects.
LAH 4600. History of Brazil (3). This course focuses on Latin America’s largest and most populous nation is the subject of this course. Themes include the evolution of Brazil’s multi-ethnic society, the struggle for economic development, and the search for a viable political regime.
LAH 4723. Race and Class in Colonial Latin America (3). This course is a comprehensive examination of Latin America from 1492 to 1830, with emphasis on native and African reactions to colonial rule and the creation and growth of multi-ethnic groups and their solidification into classes.
LAH 4748. Social Revolutionary Movements in Latin America (3). This course is a thematic coverage of the history of social revolutionary movements in Latin America, using specific case studies drawn from, among others, the Mexican, Bolivian, and Cuban revolutions.
Others

**AMH 5567. Women in 19th-Century America (4).**

**AMH 5576. Black America to 1877 (4).**

**AMH 5577. Black America Since 1877 (4).**

**AMH 5589. History of the Seminole Indians (4).**

**AMH 5635. Florida Environmental History (4).**

**AMH 5636. North American 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 5408. China Since 1898 (4).**

**ASH 5529. Traditional India (4).**

**Classical History**

**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 5365. The Balkans Since 1700 (4).**

**EUH 5457. The Age of the French Revolution, 1715–1795 (4).**

**EUH 5458. Napolonic 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 5527. England, 1714-1870 (4).**

**EUH 5548. Sex and Class in England, 1750–1914 (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).**

**HIS 5265. War and Society in the Age of Revolution (4).**

**WOH 5226. The Worlds of Captain Cook (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 5067. Public History Theory and Methods (4).**

**HIS 5077. Oral History (4).**

**HIS 5082. Introduction to Archives (4).**

**HIS 5083. Introduction to Historic Preservation (4).**

**HIS 5084. Museum Management (4).**

**HIS 5085r. Internship in Historical Management (4–8). (S/U grade only.)**

**HIS 5089. Historical Administration and Public History Capstone Research Project (1–6). (S/U grade only.)**

**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.)**
For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

HISTORY AND PHILOSOPHY OF SCIENCE

College of Arts and Sciences

Web Page: http://hps.fsu.edu/

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, as well as 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 Doctor of Philosophy (PhD) in philosophy, history, religion, or biology. It is also suitable for those undergraduates who would like to combine it with one of the traditional disciplines in our combined Bachelor’s-Master’s program. In all cases, we will aim to tailor individual course programs to suit students’ needs.

The program hosts an annual conference or workshop supported by the Werkmeister Fund. Those interested in learning more about the degree, or in enrolling, should consult our Web site and contact the office of the Director.

Requirements for the Minor

The minor is twelve 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; students should 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. This is by no means an exhaustive list of all possible courses one can take to fulfill the minor requirements. Students should contact Ariel Davidson in the History and Philosophy of Science Program at (850) 644-7248 or by e-mail at addavidson@fsu.edu with questions about any other possible courses that may be used to fulfill minor requirements. Descriptions of the course suggestions listed below may be found in the individual department chapters of this General Bulletin.

- AMH 4630 North American Environmental History (3)
- AMH 4634 Florida Environmental History (3)
- ANT 2511 Introduction to Physical Anthropology and Prehistory (3)
- ANT 4553 The Great Apes (3)
- ANT 4586 Human Evolution (3)
- BSC 1005 General Biology for Non-Majors (3)
- BSC 2010 Biological Science I (3)
- HIS 3464 History of Science (3)
- HIS 3491 Medicine and Society (3)
- HIS 4930 Special Topics in History (3)
- ISC 3076 Science, Technology, and Society (3)
- PCB 3043 General Ecology (3)
- PCB 4674 Evolution (3)
- PHI 2100 Reasoning & Critical Thinking (3)
- PHI 2620 Environmental Ethics (3)
- PHI 3130 Introduction to Symbolic Logic (3)
- PHI 3400 History and Philosophy of Science (3)
- PSB 2000 Intro to Brain and Behavior (3)
- PSB 4461 Hormones and Behavior (3)
- REL 3145 Gender and Religion (3)
- REL 3180 Bioethics (3)
- REL 3493 Religion and Science (3)
**Definition of Prefixes**

**HPS**—History and Philosophy of Science

### Undergraduate Courses

**HPS 3313. The History of Sexual Science (3).** This course examines the history of attempts to build a science around human sexual behavior, more specifically, how the project of building a "sexual science" (scientia sexualis) was predicated on the idea that, by nature, human beings have a “sexuality” that can be expressed or repressed. The course asks "How has science served to define what counts as ‘normal’ sexual behavior?" and "How has the discourse of scientific ‘sexuality’ participated in explicitly political projects?"

**HPS 3320. Screening the Scientific Life: Cinema and the Cultural Image of Science (3).** This course examines how cinema has provided a unique framework for wrestling with the implications of the modern scientific enterprise, examining how easily scientific rationality can be harnessed to both moral and immoral ends and what kind of world that science has produced. By probing a variety of genres — including biography, documentary, historical drama, science fiction, political satire, and horror - this course observes the cinematic and cultural desire to make sense of science. A critical element of the course is diversity in the Western culture through the lens of race, class, gender, and ethnicity.

**HPS 3323. History and Philosophy of Environmental Science (3).** This course examines the development of public health and the history of medicine in the United States from the colonial period to the present. The course examines changes in medical knowledge, the medical profession, governmental responsibilities, public responses; how individuals accept, modify, or reject medical authority; how race, class, gender, and ethnicity shape health practices and the delivery of medical care; how we protect the health of a community; and what constitutes a public hazard.

**HPS 4260. Empiricism Before Science: Religion, Natural History, and Natural Philosophy (3).** This course adopts a historiographical perspective and explores the idiosyncratic topics drawn from primary and secondary sources and include the role of “spirits” in corpuscular philosophy and the place of “monsters” in the natural world.

### Graduate Courses

**HPS 5340. Freud and the Invention of the Modern Mind (3).**

**HPS 5345. Power, Knowledge and Control: Foucault and the History of the Human Sciences (3).**

**HPS 5900r. Directed Individual Study (1-4). (S/U grade only.)**

**HPS 5970r. Thesis (1-4). (S/U grade only.)**

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**Dedman School of HOSPITALITY**

### COLLEGE OF BUSINESS

[Web Page: http://dsh.fsu.edu/]

**Director and Robert H. Dedman Professor:** Jane Boyd Ohlin; **Professors:** Bonn, Brymer, Harris, Kim; **Associate Professors:** Ohlin, Lanford; **Assistant in Hospitality:** Farr, Koenigsberg, Gonzalez; **Cecil B. Day Professor of Lodging Management:** Brymer; **Robert H. Dedman Professor in Service Management:** Bonn; **Robert H. Dedman Professor in Hospitality Management:** Kim

The program in hospitality management 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 leaders 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 a teaching kitchen, a technology center, an academic advising office, 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). The Don Veller Seminole Golf Course and the Dave Middleton Golf Complex are home to the PGA Golf Management major. A state-of-the-art training facility, a pro shop, a restaurant, faculty offices, and classrooms complement the 18-hole golf course.

One of the most rewarding benefits of an education in hospitality management 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 a professional management internship and 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 mandated business prerequisite requirement) or CGS 2518.

### State of Florida Course Program Prerequisites

The state of Florida has identified common program 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.**

At the time this document was published, some common program prerequisites were undergoing revision. Please visit [http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual](http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual) for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021 or ACG X022, or ACG X001 and ACG X011
2. ACG X071
3. CGS X100 (or demonstrated competency) or CGS X100C or CGS X530 or CGS X570 or CGS X606 or CGS X531 or CGS X000 or MAN X812 or CGS X518
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230 or MAC X105
7. STA X023 or STA X122 or QMB X100

**Note:** Students applying for the FSU PGA golf major must also have a golf handicap of twelve or better. Transfer students will take PGM coursework the first semester enrolled.

**Requirements for a Major in Hospitality Management**

All students must complete:
1. University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin
2. Lower-level course requirements for hospitality majors
3. Upper-level course requirements for hospitality management majors

**Note:** To be admitted to the upper-division hospitality management major, students must (1) have completed at least fifty-two semester hours, (2) have completed ACG 2021, ACG 2071, CGS 2100 or CGS 2518, ECO 2013, ECO 2023, MAC 1105, and STA 2023 with a grade of “C-” or better in each course, and (3) have an overall GPA of at least 2.5 on all prior college level work.

**Lower Level Course Requirements for Hospitality Majors**

All hospitality management majors must earn a grade of “C-” or better in each course below.
- ACG 2021 Introduction to Financial Accounting (3)
- ACG 2071 Introduction to Managerial Accounting (3)
- CGS 2100 Microcomputer Applications for Business (3) or CGS 2518 Microcomputer Applications for Business (3)
- ECO 2013 Principles of Macroeconomics (3)
- ECO 2023 Principles of Microeconomics (3)
- HFT 1000 Introduction to Hospitality and Tourism (3)
- MAC 1105 College Algebra (3)
- STA 2023 Fundamental Business Statistics (3)

**Upper Level Course Requirements for Hospitality Management Majors**

All hospitality management majors must complete fifty-one semester hours as listed below with a grade of “C-” or better in each course used to satisfy the hospitality management upper-level course requirements.
- GEB 3213 Business Communications (3)
- HFT 3424 Cost Control Systems in Hospitality Operations (3)
- HFT 3603 Law for Hospitality Operations (3)
- HFT 3806 Introduction to Food and Beverage Management (3)
- HFT 3941r Management Internship (1-12) Note: This course must be completed for a total of twelve credit hours
- HFT 4224 Managerial Behavior in Hospitality Operations (3)
- HFT 4253 Lodging and Luxury Hotel Management (3)
- HFT 4471 Managing Revenues and Expenses (3)
- HFT 4502 Hospitality Services Marketing and Research (3)
- HFT 4902 Catering Management (3)
- HFT 4941 Work Experience (0)

Plus four hospitality electives from the list of courses below:
- HFT 2062 International Wine and Culture (3)
- HFT 2061 Ales, Lagers, and Culture (3)
- HFT 2080 International Protocol on Western Behavior and Service Standards (3)
- HFT 2716 International Travel and Culture (3)
- HFT 2890 International Food and Culture (3)
- HFT 3221 Human Resource Management in Hospitality Operations (3)
- HFT 3240 Managing Service Organizations (3)
- HFT 3270 Resort Operations (3)
- HFT 3272 Senior Services Management (3)
- HFT 3275 Resort Development (3)
- HFT 3277 Club Management (3)
- HFT 3519 Conventions Services and Events Management (3)
- HFT 3602 Ethics and Service Leadership (3)
- HFT 3700 Tourism Management and the Environment (3)
- HFT 4064 Ales, Lagers, and Culture (3)
- HFT 4205 Conversational Spanish for Hospitality Managers (3)
- HFT 4334 Advanced Club Management (3)
- HFT 4866 Wine and Culture (3) Note: Students must be twenty-one years of age to take this course.
- HFT 4905 Directed Individual Study (1-3)
- HFT 4930r Special Topics in Hospitality Administration (1-3)

Students enrolled in the Dedman School of Hospitality must complete a professional management internship towards at least one thousand hours of professional management work experience in the hospitality industry. The work experience must be completed at the post-secondary level. Students must register for HFT 4941 Field Study in Hospitality Administration in their final semester to document this work experience.

Students needing elective hours to satisfy the University one hundred and twenty total hours requirement are encouraged to select additional electives from the above list of courses. Please note that these courses may not be offered every semester.

**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 lower-level course requirements for professional golf management majors; and
3. The upper-level course requirements for professional golf management majors

**Note:** To be admitted to the upper-division professional golf management major, students must (1) have completed at least fifty-two semester hours, (2) have completed ACG 2021, ACG 2071, CGS 2100 or CGS 2518, ECO 2013, ECO 2023, MAC 1105, and STA 2023 with a grade of “C-” or better in each course, and (3) have an overall GPA of at least 2.5 on all prior college level work.

**Lower-Level Course Requirements for Professional Golf Management Majors**

All professional golf management majors must earn a grade of “C-” or better in each course below.
- ACG 2021 Introduction to Financial Accounting (3)
- ACG 2071 Introduction to Managerial Accounting (3)
- CGS 2100 Microcomputer Applications for Business (3)
- ECO 2013 Principles of Macroeconomics (3)
- ECO 2023 Principles of Microeconomics (3)
- HFT 1000 Introduction to Hospitality and Tourism (3)
- MAC 1105 College Algebra (3)
- STA 2023 Fundamental Business Statistics (3)

**Upper Level Course Requirements for Professional Golf Management Majors**

All Professional Golf Management (PGM) majors must complete fifty semester hours as listed below. A minimum grade point average (GPA) of 2.0 must be earned in these upper level courses. PGM majors must also satisfy a number of supplemental requirements including a player ability test, 3 PGA level check-points, and sixteen months of approved internships, as well as a number of individual PGA workshops.
- GEB 3213 Business Communications (3)
- HFT 3277 Club Management (3)
- HFT 3353 Intermediate Professional Golf Management (1)
- HFT 3354 Agronomy for Golf Course Management (3)
- HFT 3355 Advanced Professional Golf Management (1)
- HFT 3424 Cost Control Systems in Hospitality Operations (3)
- HFT 3603 Law for Hospitality Operations (3)
- HFT 3806 Intro to Food and Beverage Management (3)
- HFT 3941r Management Internship (1-12) Note: This course must be completed for a total of twelve credit hours.
- HFT 4224 Managerial Behavior in Hospitality Operations (3)
- HFT 4253 Lodging and Luxury Hotel Management (3)
- HFT 4334 Advanced Club Management (3)
HFT 471. Managing Revenues and Expenses (3)
HFT 4502. Hospitality Services Marketing and Research (3)
HFT 4802. Catering Management (3)

PGM students needing elective hours to satisfy the University 120 total hours requirement are encouraged to select electives from the following list of courses:

- HFT 2061. Ales, Lagers, and International Culture (3)
- HFT 2062. International Wine and Culture (3)
- HFT 2080. International Protocol on Western Behavior and Service Standards (3)
- HFT 2716. International Travel and Culture (3)
- HFT 2890. International Food and Culture (3)
- HFT 3221. Human Resource Management in Hospitality Operations (3)
- HFT 3240. Managing Service Organizations (3)
- HFT 3270. Resort Operations (3)
- HFT 3272. Senior Services Management (3)
- HFT 3275. Resort Development (3)
- HFT 3519. Convention Services and Event Management (3)
- HFT 3602. Ethics and Service Leadership (3)
- HFT 3700. Tourism Management and the Environment (3)
- HFT 4064. Ales, Lagers, and Culture (3)
- HFT 4205. Conversational Spanish for Hospitality Managers (3)
- HFT 4866. Wine and Culture (3)

**NOTE:** Students must be twenty-one years of age to take this class.

HFT 4930r Special Topics in Hospitality Administration (1-3)

**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 topics of the HFT 4930r Special Topics in Hospitality Administration (3) are offered: (a) European Food and Wine, (b) European Travel and Tourism, (c) International Hotel Administration, as well as (d) Special Studies in International Hospitality Administration.

Courses completed in this program count toward the state of Florida requirement that at least nine semester hours be completed in the summer term at one of the State University System senior institutions.

**Minor in Hospitality Management**

Students may receive a Minor in Hospitality Management by completing twelve semester hours as follows: HFT 1000, HFT 3240, and any two of the following courses: HFT 2061, HFT 2062, HFT 2716, HFT 2890, HFT 3221, HFT 3272, HFT 3519, HFT 3602, HFT 3700, HFT 4064, HFT 4930r. Students must earn a minimum grade point average of 2.0 in the courses used to satisfy the hospitality management minor requirements.

**Definition of Prefixes**

**HFT**—Hospitality Management

**Undergraduate Courses**

**HFT 1000.** Introduction to Hospitality and Tourism (3). This course offers an introductory survey of the segments, disciplines, career opportunities, and current issues in the hospitality industry.

**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 1382.** Professional Golf Management Orientation (1). This course covers all the facets of the Professional Golf Management major and is designed to introduce and guide students through the Florida State, Dedman School of Hospitality, and PGM requirements. Students begin with developing a Road Map of their four-and-a-half-year curriculum, including academic advising from the Dedman School.

**HFT 2061.** Ales, Lagers and International Culture (3). This course is an introduction to ales and lagers of the world with a focus upon their importance to global cultures found in many regions. Students learn about these regional brews and the interrelationship with their culture, including food, heritage, and festivals.

**HFT 2062.** International Wine and Culture (3). This course provides an introduction to wines of the world with a focus upon the importance to global cultures. Students learn about these regional wines and the interrelationship with their cultures and heritage.

**HFT 2080.** International Protocol on Western Behavior and Service Standards (3). This course is designed to explore the diverse verbal and non-verbal Western cultural habits, dress, behaviors, beliefs, service delivery expectations, and codes of conduct compared to the cultural mores, dress, traditions, political structure, behaviors (both verbal and non-verbal), travel, service delivery styles, and expectations of people from various international cultures.

**HFT 2352.** Introduction to Professional Golf Management (1). Prerequisite: HFT 1382. This course focuses on preparing students for the management of golf operations. For professional golf management majors only.

**HFT 2716.** International Travel and Culture (3). This course introduces students to contemporary tourism through a geographical and multicultural perspective of worldwide travel. The course emphasizes the most popular travel destinations and provides information about the physical and cultural characteristics of major cities, states, and countries. The course offers basic facts about travel destinations, the environment, and the people of many regions around the world, and it presents the nature of cultural diversity reflecting both Western and non-Western cultures with special emphasis on ethnic background, race, religion, values, tradition, language, material goods, and inter-relationships among local cultures.

**HFT 2890.** International Food and Culture (3). This course explores the world’s cuisines with a focus on the history of culinary arts, indigenous ingredients, customs, as well as various cooking methods and terminology from places such as Latin and South America, Africa, the Middle East, Europe, Scandinavia, India, and Asia.

**HFT 3221.** Human Resource Management in Hospitality Operations (3). This course offers an analysis of human-resource issues in the hospitality industry such as staffing, training, appraisal, wage and hour administration, discrimination, harassment, and other governmental issues.

**HFT 3240.** Managing Service Organizations (3). This course is an in-depth examination of the concept of service and the linkages of the three most important functional areas of the firm: marketing, operations, and human resources. The course also addresses the concept of quality.

**HFT 3263.** Restaurant Operations (3). Prerequisite: HFT 3806. This course is an introduction to basic food and beverage management concepts. Topics covered include: food and beverage sanitation; production and service equipment; menu planning and costing; and nutrition and safety.

**HFT 3270.** Resort Operations (3). This course consists of analysis and discussion of lodging specifics, retail and commercial leasing, community relations, amenities and recreation, as well as real-estate sales in relation to resort operations management.

**HFT 3272.** Senior Services Management (3). This course explores the planning, development, operation, and management of retirement facilities. Explores the various types of senior living facilities, including multi-level, independent, assisted living, and skilled-nursing care centers.

**HFT 3275.** Resort Development (3). This course offers contemporary knowledge and understanding of concepts, challenges, and trends associated with resort development to include an in-depth examination of the process of resort development from property site identification, land acquisition, zoning and permitting, environmental impact statements (EIS), layout and design issues, construction processes, pre-opening, public relations and marketing, as well as many other issues.

**HFT 3277.** Club Management (3). This course focuses on the development and management of clubs, including golf course operations, organizational and financial structure, membership and guest relations, design, and other amenities.

**HFT 3353.** Intermediate Professional Golf Management (1). Prerequisite: HFT 2352. This course focuses on developing intermediate level skills necessary for management of golf operations. For professional golf management majors only.

**HFT 3354.** Agronomy for Golf Course Management (3). This course is an overview of horticultural and agronomic practices needed by golf course managers in the hospitality industry.

**HFT 3355.** Advanced Professional Golf Management (1). Prerequisite: HFT 3353. This course focuses on advanced skills that prepare students for the management of golf operations. For professional golf management majors only.

**HFT 3424.** Hospitality Financial Analysis (3). Prerequisites: ACG 2021 and ECO 2023. This course is a detailed analysis of food, beverage, labor, and cash controls. In-depth purchasing component including furniture, fixtures, and equipment (FF&E). Computer usage in labor control, cost analysis, and marketing mix analysis. A systems approach to management of quality through the design of appropriate controls.

**HFT 3519.** Convention Services and Event Management (3). This course provides a comprehensive approach to managing, marketing, and planning conventions, special events, and conferences.

**HFT 3602.** Ethics and Service Leadership (3). This course focuses on ethics and service leadership and how it intersects areas of life. Students read and discuss both primary and secondary sources and critically reflect on those sources in an effort to understand questions about the meaning and purpose of work and their implications for business leadership and decision making.

**HFT 3603.** Law for Hospitality Operations (3). This course covers basic concepts of law that apply to the hospitality industry. The course focuses on legal definitions, in-keeper relationships, liability, and other legal issues.

**HFT 3700.** Tourism Management and the Environment (3). This course focuses on tourism management, organization, and development. Emphasis on economic and environmental issues confronting the industry such as balancing use and preservation. Open to non-majors.

**HFT 3806.** Introduction to Food and Beverage Management (3). Prerequisite: HFT 1000. This course is an overview of the food and beverage industry with regard to history, production theories, and types of food and beverage retail outlets. Concentration on layout of a variety of production kitchens, storage (refigeration, dry, frozen, and chill), planning and layout, and aesthetic elements. Students learn about topics such as menu design, food production, and new techniques integral to the course. Lab time depends on the topic and activity planned for the week.
HFT 3941r. Management Internship (1–12). (S/U grade only.) Prerequisites: Instructor permission and HFT 1000. This internship is designed for Dedman School of Hospitality students to gain real-world experience in the hospitality business field through on-the-job practice. Students work under the direction of an approved industry professional and the internship director. May be repeated to a maximum of twelve semester hours.

HFT 3949r. Cooperative Education Work Experience (0). (S/U grade only.) May be repeated.

HFT 4064. Ales, Lagers and Culture (3). This course is an introduction to ales and lagers of the world with a focus upon their importance to global cultures found in many regions. Students learn about these regional beers and the interrelationship with their culture, including food, heritage, and festivals.

HFT 4205. Conversational Spanish for Hospitality Managers (3). Prerequisite: Senior standing. This course emphasizes Spanish international culture and conversation and was designed primarily for Hospitality leaders. The course allows students to apply their Spanish-language skills to increase fluency in everyday hospitality-related situations. The course also focuses on the customs and cultural characteristics of the people from Spain as well as from Central and South America. This course is not recommended for fluent Spanish speakers.

HFT 4224. Managerial Behavior in Hospitality Operations (3). Prerequisite: Graduating senior standing. This course covers the analysis and development of interpersonal management skills, including leadership, ethics, employee and guest relations, as well as team building.

HFT 4253. Lodging and Luxury Hotel Management (3). This course provides a study of hotel, motel, resort, and other types of lodging operations, including benchmarking, department organization and management, operations, and systems. Emphasis is on rooms, delivering exceptional service, computer usage in lodging properties, and quality control issues.

HFT 4290. Luxury Hotel and Resorts (1). Prerequisite: HFT 3806. This course benchmarks the processes of 5-star and 4-star hotels and resorts in order to identify how they deliver exceptional service in their operations.

HFT 4334. Advanced Club Management (3). Prerequisites: HFT 3277. This course is designed to provide students with high-level private club management techniques relevant to today’s challenging business environment.

HFT 4471. Managing Revenues and Expenses (3). Prerequisites: HFT 3806 and HFT 3424. This course is designed to provide students with an understanding of financial analysis so that decisions within the operation can be evaluated. Techniques used in maximizing revenues, controlling costs, and analyzing financial statements, productivity, and ratios are explored within the food and beverage, hotel, and club industries. Emphasis is placed on effective revenue-management techniques.

HFT 4502. Hospitality Services Marketing and Research (3). This course focuses on the applications of strategic market research and product/service positioning in the hospitality industry. Emphasis on competitive marketing strategies including sales, advertising, and promotions. Discussion of unique features of hospitality marketing, market research/analysis, ethics, and quality.

HFT 4502. Catering Management (3). Prerequisite: HFT 3806. This course covers management methods and concepts utilized in the administration of food and beverage functions.

HFT 4803. Advanced Food and Beverage Management (3). Prerequisite: HFT 3806. This course uses the University Center Club (ClubCorp, Inc.) to provide a study of advanced food and beverage-establishment management. Students work with live operation managers to design and manage scheduling, menus, profit and loss statements, labor, events, budgets, and overall corporate goal expectations. Students also experience human resource management, safety and security, and facility maintenance. Students are assigned to individually managed events under the supervision of events managers.

HFT 4866. Wine and Culture (3). This course is 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 twenty-one years of age and older. May not be taken as an S/U course.

HFT 4905r. Directed Individual Study (1–3). May be repeated up to five times.

HFT 4930r. Special Topics in Hospitality Administration (1–3). This course is an in-depth study of current topics in hospitality administration. May be repeated to a maximum of twelve semester hours when topics change.

HFT 4941. Field Study in Hospitality Administration (0). (S/U grade only.) This field study consists of 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 plan to graduate.

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

Graduate Courses

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).
Program in Interdisciplinary Humanities

College of Arts and Sciences

Web Page: http://iph.fsu.edu/

Program Director: John Kelisy; Undergraduate Adviser: Kathryn Stoddard; Affiliated Faculty: Brewer (Music), Cloonan (Modern Languages and Linguistics); Edwards (English), Efimov (Modern Languages and Linguistics), Fleming (Modern Languages and Linguistics), Grindal (Anthropology), Johnson (English), Laughlin (English), Leushuis (Modern Languages and Linguistics), Levenson (Religion), Seaton (Music), Slaveva-Griffin (Classics), Trehane (English), Weingarden (Art History)

A Bachelor of Arts (BA) 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. As 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 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 forty-two semester hours beyond the Liberal Studies requirements and numbered above 1999. All coursework counted toward the Humanities major must be completed with a “C–” or higher. Humanities majors must take a nonwestern humanities course (X; 3 CU) and a multicultural diversity course (Y; 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. The courses to be counted towards the Humanities major will be distributed as follows:

Primary Concentration

Eighteen semester hours in one of the following Humanities departments: American Studies
Art History
Asian and Middle Eastern Studies
Classical Studies
Communication
English
Film Studies
History (including the sub-topic Human Rights)
History and Philosophy of Science
Music History
Philosophy
Religion
Theater

Secondary Concentration

Twelve semester hours in one of the departments listed above. The secondary department cannot be the same as the primary department.

Tertiary Concentration

Twelve semester hours in one of the departments listed above. The tertiary department must be different from both the secondary and primary departments.

Upper-Level Course Requirement

A minimum of twenty-four hours of coursework taken for the major must be numbered above 2999.

All Interdisciplinary Humanities majors are required to schedule regular advising appointments each semester. Humanities majors are required to schedule a graduation check with the college and with the University Registrar upon completion of ninety 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 advisor or to follow the specified procedures will delay progress toward completion of the degree.

Internships, Honors classes, and Directed Individual Study (DIS)

The maximum combined credit that will be applied toward the major for upper-level Honors courses, internships, or Directed Individual Studies in humanities areas is six semester hours. All DIS classes used for credit towards the major must be approved by the Undergraduate Adviser.

Requirements for a Minor in Humanities

Courses taken to meet the Humanities minor are not applicable to any other requirement. The undergraduate minor may be accomplished in one of the following ways:

1. Fifteen semester hours, of which nine must be taken in one of the Humanities departments listed above, and six from one other Humanities department from the same list. Six hours must be numbered above 2999.

2. Twelve semester hours in courses with the HUM prefix.

Definition of Prefix

HUM—Humanities

Undergraduate Courses

HUM 1930. Freshman Interest Group (1). (S/U grade only.) This course is a seminar-structured class designed to provide a set of experiences that introduces the student to the academic culture at FSU. Taught Fall term only. Topics vary.

HUM 1921r. Learning Community Colloquium (1). (S/U grade only.) This series includes presentations on resources and University-wide programs as well as frequent talks by faculty members describing their own research and/or creative work. The course provides opportunities to meet a variety of potential role models and to engage in thoughtful, substantive discussions in a large-classroom setting. May be repeated to a maximum of two semester hours.

HUM 2210. Humanities: Pre-history to Late Antiquity (3). This course offers an introduction to the thought, literature, and arts of Western culture from pre-historic times to about 600 A.D.

HUM 2235. Humanities: From the Renaissance to the Enlightenment (3). This course offers an introduction to the thought, literature, and arts of Western culture from the Renaissance to the Enlightenment.

HUM 2250. Humanities: 18th-Century Romanticism to Postmodernism (3). This course offers an introduction to the thought, literature, and arts of Western culture from eighteenth-Century Romanticism to the Postmodern period.

HUM 2944r. University Honors Colloquium (1). (S/U grade only.) Prerequisite: Admission to the honors program. This course allows faculty from across the academic and creative arts spectrum to explore “Art and Inquiry in the Modern University” with entering honors students each Fall. Discussions follow each weekly presentation. Students are required to write responses totaling two thousand words. May be repeated to a maximum of two semester hours.

HUM 3252. Humanities: Film and 20th Century Culture (3). This course offers an introduction to the thought, values, and arts of Western culture, with special emphasis on film.

HUM 3321. Multicultural Dimensions of Film and 20th-Century Culture (3). This course explores diversity within Western culture by focusing on film as a key medium for shaping social and cultural attitudes and values. Primary emphasis is placed on the themes of race and gender, but the students are also trained in the analysis and appreciation of film as a uniquely modern art form.

HUM 3324. Cultural Imperialism (3). This course is an analysis of the significant works of literature and the other arts created under the dominant “imperial” cultures. The course focuses on themes relating to colonial subjugation. Works are analyzed from the perspective of the dominating culture and from the contrasting vision of the subjugated colonial cultures.

HUM 3413. Humanities: South Asian (3). This course offers an 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). This course offers an introduction to the religion, philosophy, literature, and arts of Chinese and Japanese culture in their classical and modern expressions. Not offered every semester.
Humanities: Special Topics (1–3). May be repeated within the same term to a maximum of twelve semester hours.

Directed Individual Study (3). Prerequisite: Major status. A student registered for an individual study course must schedule at least one conference a week on campus. The student should bear in mind that the DIS requirements are the same as if he or she were attending a class for three hours a week for ten weeks. The minimum length of the paper is thirty pages excluding footnotes and bibliography. HUM 4906r cannot count toward major coursework. May be repeated to a maximum of nine semester hours.

Honors Work (1–6). Prerequisite: Admission to the honors program. May be repeated to a maximum of nine semester hours.

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 FIGS Colloquium. Instruction covers general information needed to support the values of this unique liberal studies educational endeavor.

Topics in the Civilization of Britain or Italy (3). May be repeated to a maximum of six semester hours.

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 semester hours.

Seminar in the Humanities (3). Prerequisite: Major status. 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 semester hours.

Graduate Courses

The Humanistic Tradition: Greek and Roman (3).

The Humanistic Tradition: Medieval, Renaissance, and Baroque (3).

The Humanistic Tradition: The Modern World (3).

Directed Individual Study (3). (S/U grade only.)

Supervised Research (1–5). (S/U grade only.)

Interdisciplinary Topics (3).

Supervised Teaching (0–5). (S/U grade only.)

Readings for Examination (1–12). (S/U grade only.)

Dissertation Topics (3).

Dissertation (1–12). (S/U grade only.)

Preliminary Doctoral Examination (0). (P/F grade only.)

Master’s Comprehensive Examination (0). (P/F grade only.)

Dissertation Defense (0). (P/F grade only.)

Interdisciplinary Minor in IBERIAN STUDIES, VALENCIA CENTER

Requirements for a Minor in Iberian Studies

The interdisciplinary minor requires the completion of fifteen semester hours (to include at least two disciplines) in courses approved by the Iberian Studies Valencia Center Minor Coordinating Committee. At least nine semester hours of approved courses must be taken while the student is in residence at the FSU Study Center. A maximum of nine 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@fsu.edu for more information.

The student must have completed at least three 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.

HUM 3930r Humanities: Special Topics [Culture and Civilization of Spain] (1–3)

MUS 3934r Special Topics in Music [Music of Spain] (1–3)

SPN 3332 Communication in Language and Culture I (3)

SPN 3333 Communication in Language and Culture II (3)

SPN 3440 Language and Culture in Business (3) *

SPN 3510 Cultures of Iberia (3)

SPN 4420 Advanced Spanish Composition and Translation (3)

SPN 4444 Business Writing in Spanish (3) *

SPN 4540r Regional Cultural Studies (3)

SPN 4780 Spanish Phonetics (3) *

SPN 4905r Directed Individual Study in Hispanic Language (3)

SPN 4930r Studies in Hispanic Language and Literature (3)

SPN 4942r Internship in Applied Spanish (1–6)

SPW 3030 Approaching Hispanic Literature (3)

SPW 3103 Readings from Early Iberia (3)

SPW 3104 Readings from Modern Spain (3)

SPT 3100 Spanish Literature in Translation (3)

SPT 3301r Hispanic Cinema (3)

SPW 3493 Readings from Modern Spanish America (3)

SPW 4140r The Poetics of Hispanic Love and Violence (3)

SPW 4150r Transatlantic Encounters (3)

SPW 4411 Contemporary Spanish Women Writers (3)

Note: 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.

ANT 4142 European Prehistory (3)
ARH 4211 Early Medieval Art (3)
ARH 4230 Later Medieval Art (3)
ARH 4355 18th Century Art (3)
ARH 4421 Modern European Art: Postimpressionism through Surrealism (3)
ARH 4431 Modern European Art: Neoclassicism through Impressionism (3)
ART 1300C Drawing Foundations (3)
CPO 3103 Comparative Government and Politics: Western Europe (3)
ECO 4704 International Trade (3)
ECO 4713 International Finance (3)
ENG 3310 Article and Essay Technique (3)
ENG 4311 Advanced Article and Essay Workshop (3)
EUH 3205 19th Century Europe: A Survey (3)
EUH 3206 20th Century Europe: A Survey (3)
EUH 4121 Earlier Middle Ages (3)
EUH 4124 The Crusades (3)
EUH 4140 Renaissance (3)
EUH 4144 Reformation (3)
EUH 4233 Rise of Nationalism (3)
EUH 4243 Europe, 1870–1900: The Age of European Hegemony (3)
EUH 4244 Fascism (3)
EUH 4602 European Intellectual History, 1500-1800 (3)
EUH 4603 European Intellectual History, 1800 to Present (3)
FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)
FIR 4604 Multinational Financial Management (3)
HIS 4930r Special Topics in History (3)
HIS 4935r Senior Seminar (3)
HUM 2235 Humanities: From The Renaissance to The Enlightenment (3)
HUM 2250 Humanities: 18th Century Romanticism to Postmodernism (3)
HUM 3930r Humanities: Special Topics (1–3)
LIT 4134 The European Novel through World War I (3)
LIT 4144 The Modern European Novel (3)
MAN 3600 Multinational Business Operations (3)
MAN 4605 Cross-Cultural Management (3)
MAN 4631 International Strategic Management (3)
MAN 4680r Selected Topics in International Management (3)
MAR 4156 Multinational Marketing (3)
MUH 2012 Music in Western Culture: 19th and 20th Centuries (3)
MUH 2051 Music Cultures of the World-Music of Tribal and Folk Cultures (3)
MUH 2052 Music Cultures of the World II-Ritual and Art Music of the Non-Western World (3)
PHI 3061 Medieval and Renaissance Philosophy (3)
PGY 2100C Photo for Non-Art Majors (3)
REL 3303 The Islamic Tradition (3)
REL 3607 The Jewish Tradition (3)
REL 4564 Modern Roman Catholicism (3)
REL 4613 Modern Judaism (3)
SPN 4540r Regional Cultural Studies (3)
SPN 4942r Internship in Applied Spanish (1–6)
SPW 3391r Hispanic Cinema (3)
SPW 4190r Special Topics in Hispanic Languages and Literature (3)
SPW 4301r Hispanic Culture and Performance (3)
SPW 4905r Directed Individual Study in Hispanic Literature (3)
SPW 4930r Studies in Hispanic Literature (3)
SYD 4700 Race and Minority Group Relations(3)
THE 4110 European Theater History I (3)
THE 4111 European Theater History II (3)

With the exception of any Spanish courses below the 3000 level offered, all courses 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 ap-
Department of
INDUSTRIAL AND MANUFACTURING ENGINEERING

FAMU—FSU COLLEGE OF ENGINEERING

Chair: C. Zhang; Professors: Awoniyi, Braswell, Liang, Wang, C. Zhang; Associate Professors: Okoli, M. Zhang; Assistant Professors: Liu, Park, Vanli, Zeng; Adjunct Instructor: Taylor

The mission of the Department of Industrial and Manufacturing Engineering is to provide for students a solid industrial engineering curriculum coupled with a strong research program driven by the economic and technological development needs of society.

The Industrial Engineering degree provides a broad technical background with special emphasis on manufacturing systems, computer modeling, costs, quality, management, and human factors. Industrial engineering draws upon specialized knowledge and skills in the mathematical, physical, and social sciences, together with the principles and methods of engineering design and analysis, to specify, predict, and evaluate industrial systems.

The program of study includes engineering analysis for the optimization of industrial systems, design of man-machine systems, and the scientific management of activities. Specialized training is available in the use of modern engineering tools and techniques such as computer-aided design (CAD), computer integrated manufacturing (CIM), and ergonomic (human factors) engineering.

Industrial engineers pursue careers in manufacturing, service industries, and government. In addition, many industrial engineers are now being employed in nontraditional fields such as hospitals, banks, insurance, and information processing. The present and future demand for IE's appears to be very high. Industrial engineers 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 accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD, 21202-4012. phone (410) 347-7700. The Bachelor of Science in Industrial Engineering (BSIE) curriculum is designed to comply with the ABET criteria for accrediting engineering programs. The educational objectives are that, within the first few years following their graduation, graduates should have:

- 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 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.eng.fsu.edu/ime/ 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 3406 or COP 3014.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

Requirements for a Major in Industrial Engineering

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. MAC X311 or MAC X281
2. MAC X312 or MAC X282
3. MAC X313 or MAC X283
4. MAP X302 or MAP X305
5. PHY X045/X045L or CHM X045C, or CHS X440 and CHM X045L
6. PHY X048/X048L or PHY X048C, or PHY X043 and PHY X048L
7. PHY X049/X049L or PHY X049C, or PHY X044 and PHY X049L

Engineering Core Courses

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<tr>
<th>COP 3014 Programming I</th>
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<tr>
<td>CGS 3406 Object Oriented Programming in C++</td>
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AND

| EEL 3003 Introduction to Electrical Engineering (3) |
| EEL 3003L Introduction to Electrical Engineering Lab (1) |
| EGN 2123 Computer Graphics for Engineers (2) |
| EGN 3613 Principles of Engineering Economy (2) |
| EGM 3512 Engineering Mechanics (4) |
| EML 3100 Thermodynamics (2) |
| MAS 3105 Applied Linear Algebra 1 (4) |

Honors in the Major

The Department of Industrial and Manufacturing Engineering offers an Honors in the Major program in Industrial Engineering to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the "University Honors Office and Honor Societies" chapter of this General Bulletin, or visit http://honorsinthemajor.fsu.edu.

Grade Requirements

In addition to University and college requirements regarding grades and grade point average (GPA), the Department of Industrial and Manufacturing Engineering 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 one course completed with a grade of “D+”, “D”, or “D−” be counted toward the BSIE degree. Recommendation by the IME undergraduate adviser(s) and approval by the department chairperson and the associate dean are required for the course to be counted toward graduation credit.

Definition of Prefixes
EGN—Engineering: General
EIN—Industrial Engineering
EMA—Materials Engineering
ESI—Industrial/Systems Engineering

Undergraduate Courses
EGN 1004L. First Year Engineering Laboratory (1). This laboratory includes 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.

EIN 2123. Computer Graphics for Engineers (2). Corequisite: MAC 2311. This course covers principles of engineering graphics: visualization, spreadsheet applications, graphical calculi, and descriptive geometry. Also introduces the engineering design process and CAD systems.

EGN 3443. Statistical Topics in Engineering (3). Prerequisite: MAC 2312. This course explores basic statistical analysis, samples and populations, variability, hypothesis formulation, and data analysis. Use of computer software and interpretation of results.

EIN 3013. Principles of Engineering Economy (2). Prerequisite: MAC 2313. This course emphasizes discrete cash flow diagrams, cash flow equivalence factors, standard criteria for comparing project proposals, special cash flow topics, special analysis, and case studies.

EIN 3104. Introduction to Engineering Management (3). Prerequisites: EIN 2123 and EIN 3613. This course focuses on topics such as the evolution, history, emergence, and ethics of engineering and industrial engineering. Emphasis is placed on the management of technology and on the engineering method for product conceptualization, design, development, and production. Fundamental sciences, engineering methods, information systems, economics, and behavior theory contained in engineering management principles and practices.

EIN 3390C. Manufacturing Processes & Materials Engineering (5). Prerequisite: CHM 1045. Corequisite: EIN 2123. This course is an introduction to industrial materials and their composition, properties, metallography, and heat treatment. Introduction to the manufacturing processes of machine industries including hot working, cold working, and metal removal. Laboratory experiences.

EIN 3905r. Directed Independent Study (3). Prerequisite: Permission from the department chairperson. Topics vary and each case must be approved by the department chairperson. May be repeated to a maximum of six semester hours.

EIN 3949r. Cooperative Work Experience (0). (S/U grade only.) Prerequisite: Instructor permission. This non-credit, experiential learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center.

EIN 4214. Occupational Safety and Hazard Control (3). Prerequisite: EIN 4243. This course covers the history of safety, safety in the workplace, government regulations, methods of accident prevention, system safety, reliability, and fault tree analysis.

EIN 4243. Ergonomics (3). Prerequisites: EGN 3512, EGN 3443, and EIN 3390C. This course examines human characteristics and limitations in relation to physical work, mental work, and job design. Human physiological variables in relation to industrial work environment and product design. Case studies and design exercises.

EIN 4312. Tool and Process Engineering (3). Prerequisite: EIN 3390C. This course discusses basic design techniques of various manufacturing tools, including cutting tools, inspection tools, and jigs and fixtures. Fundamental planning techniques of manufacturing processes. Design exercises.

EIN 4333. Design of Integrated Production Systems and Facilities Layout (3). Prerequisites: EGN 2123, EGN 3613, and ESI 3312C. This course explores basic functions: demand forecasting, process planning, master scheduling, expediting, and quality control. Inventory control. Formation of systems from those basic functions. Case studies and design exercises with computer implementation.

EIN 4611. Industrial Automation and Robotics (3). Prerequisite: EIN 3390C. This course introduces and familiarizes students with the basic automation problems and the technologies used in automated production and robotic systems. Various components and systems and their applications to industrial automation are discussed. The course is supplemented by labs that help students apply and evaluate the concepts studied in the classroom.

EIN 4621. Manufacturing Systems Engineering (3). Prerequisite: EIN 4312. This course is an introduction to modern manufacturing systems, with a special focus upon the integration of manufacturing resources through the use of computers. Design, planning, analysis, and control of computer integrated manufacturing systems.

EIN 4890. Industrial Engineering Senior Design Project I (3). Prerequisite: Must be in final year of the degree program. This course is the first in a two-part course sequence, this capstone class represents the culmination of the industrial-engineering design sequence and draws upon student training from all previous courses. This course utilizes the six-sigma methodology to reduce variation and defects in order to deliver products and services that meet customer requirements.

EIN 4891. Industrial Engineering Senior Design Project II (3). Prerequisite: Must be in final year of the degree program. This course is the second in a two-part course sequence, this capstone class represents the culmination of the industrial-engineering design sequence and draws upon student training from all previous courses. This course utilizes the six-sigma methodology to reduce variation and defects in order to deliver products and services that meet customer requirements.

EIN 4834r. Honors Thesis (3). May be repeated to a maximum of six semester hours.

EIN 4936r. Selected Topics in Industrial Engineering (3). This course is offered Fall and Spring semesters. Topics are determined by a departmental committee on special topics, taking into consideration the needs of students who are about to graduate. May be repeated to a maximum of nine semester hours.

ESI 3102. Operations Research I: Deterministic (3). Prerequisite: MAS 3105. This course covers the following topics with emphasis on validation of algorithms and derivation of heuristics: linear programming, assignment problems, CPM, network flows, discrete optimization, branch and bound solution method, and dynamic programming. Design exercises.

ESI 3421. Computing Topics in Industrial Engineering (3). Prerequisite: COP 3104. This course focuses on state of the art computing techniques for industrial engineers. Applications of structured programming, mathematical analysis software, and engineering databases. Use in engineering of GUI languages, Internet communication, and UNIX.

ESI 4234. Quality Control and Reliability Engineering (3). Prerequisite: EGN 3443. This course is an introduction to quality and reliability engineering. Statistical quality control techniques, process capability analysis, and design and analysis of experiments for quality and reliability improvement.

ESI 4313C. Operations Research II: Nondeterministic (3). Prerequisites: EGN 3443 and MAS 3105. This course focuses on the development and application of nondeterministic, analytic models including PERT/CPM, discrete and continuous time Markov chains, queuing models including queueing networks, inventory models, and decision analysis. Case studies and design exercises.

ESI 4523. Simulation of Industrial Engineering Systems (3). Prerequisite: ESI 4234. This course focuses on simulation modeling and computer solution of industrial engineering systems. Modeling strategies, probability considerations, simulation languages, simulation verification, and engineering case studies.

Graduate Courses
EIN 5182. Engineering Management (3).
EIN 5353. Engineering 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 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).
Department of INTERIOR DESIGN

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Web Page: http://interiordesign.fsu.edu/
Chair: Lisa Waxman; Professors: Waxman, Wiedegeen; Associate Professors: Butler, Munton, Myers, Pable; Assistant Professors: Dawkins, Ransdell; Adjunct Faculty: Callan, Ertzberger, Fishburne, Harbin, Phares;
Professors Emeriti: Koenig, Ohazama

Interior design is concerned with the design of all interior spaces, both residential and nonresidential, and the field of environmental design. Students are prepared to meet professional requirements and criteria for the practice of interior design, membership in professional organizations, and licensure (if required). A professional designer was defined by the national accrediting agency, the Council for Interior Design Accreditation, as one who is “qualified by education, experience, and examination to enhance the function and quality of interior spaces for the purpose of improving the quality of life, increasing productivity, and protecting health, safety, and welfare of the public.”

The Department of Interior Design is accredited by CIDA and the National Association of Schools of Art and Design (NASAD).

The competencies taught include elements and principles of design, design analysis, space planning and programming, drafting and technical drawing, computer-aided drafting and design, graphic presentation of design solutions, design history, sustainability, and research methods. There are active student chapters of the American Society of Interior Designers (ASID) and the International Interior Design Association (IIDA). The faculty includes members (allied, professional, and corporate) of ASID, IIDA, the Interior Design Educators Council (IDEC), and the American Institute of Architects (AIA).

The interior design program offers the Bachelor of Science (BS) and the Bachelor of Arts (BA) degrees. Students must consult the “Undergraduate Degree Requirements” chapter of this General Bulletin for BA degree requirements.

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 interior design satisfy this requirement by earning a grade of “C–” or higher in IND 3469.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this degree program:

1. IND X206
2. IND X406
3. IND X203
4. IND X204
5. ARH X057 or ARH X051: coursework in art history (Renaissance through contemporary) for three credit hours that may be used to meet a general education/liberal studies humanities requirement

Degree Requirements

The undergraduate degree program consists of a minimum of seventy-two semester hours of coursework in interior design, including a minimum of six semester hours of electives. Students are urged to attend professional conferences and lectures as a vital part of the educational process.

Specific degree requirements include the following:

1. Liberal studies: of the required and elective semester hours, four should be taken in textiles (CTE 1401), and three 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 semester hours
3. Technical and graphic design courses: twenty-one semester hours
4. Lecture-based support courses: eighteen semester hours
5. History of interiors and architecture: nine semester hours
6. Electives in interior design: three 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, 1406, and 2002). In a portfolio review of work generated from these four courses held at the end of the Spring Term (called First Year Review), the top forty 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 forty students chosen to move forward).

A specific listing of courses required for a major in interior design is available on the department Web site at http://interiordesign.fsu.edu. 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, and achieve a minimum grade of C- in any studio class in order to proceed to the next level studio.

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

CTE 1401C. Introductory Textile Science (4). This course is an introduction to fibers, yarns, fabric structures, coloration and finishes related to performance, selection, and care. It includes laboratory experience in the identification and analysis of fibers, yarns, fabrics, finishes, and textile coloration.

IND 1203. Design Fundamentals I (3). This course is 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. This course is 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). This course is a survey of the elements and principles of interior design to create an awareness of the made environment and a comprehensive global appreciation of design.

IND 1406. Technical Drawing (3). This course is an introductory architectural drafting course encompassing structural information and technical skill building in orthographic, paraline, and perspective views.

IND 2300. Survey of Interior Design (3). This course offers a survey of the elements and principles of interior design and creates an awareness of the built environment and a comprehensive global appreciation of design. The presentation of major elements in residential and commercial interiors is aimed at self-application and beginning designers.

IND 2300. Graphic Techniques (3). Prerequisite: First year review. This course is an introduction to achromatic media used in sketching, rendering, and design drawing, with an emphasis on schematics used in problem solving.

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IND 2310. Graphic Techniques II (3). Prerequisite: IND 2300. This course is an introduction to contemporary graphics color media, reproduction processes, and presentation drawings, with a focus on the reinforcement of perspective and freehand drawing proficiency, as well as rapid rendering techniques for interior delineation.

IND 3217. Interior Design Studio I (3). This course is an introduction to the fundamental elements and principles of design, process, problem solving, space planning, and specifications.

IND 3431. Lighting Fundamentals (3). Prerequisite: IND 3217. This course explores the advanced technical aspects of interior design with emphasis on lighting, electrical plans, reflected ceiling plans, measurements, and acoustics.

IND 3440. Furniture Design (3). Prerequisite: IND 3469. This course focuses on the study of materials, structural considerations, function, and style of furniture and case goods by developing and appreciating their design and construction.

IND 3465. Computer-Aided Design I (3). Prerequisite: First year review. This course is an introduction to computer-aided design and drafting using AutoCAD software. Students develop an understanding of the software and how designers and architects use computers.

IND 3469. Computer-Aided Design II (3). Prerequisite: IND 3465. This course is an advanced computer-aided design class. Students increase their knowledge of 3D AutoCAD, learn the basics of Autodesk Viz software, and receive an overview of Photoshop.

IND 3470. Construction Systems (3). Prerequisite: IND 3217. This lecture course focuses on general construction techniques and terminology, integrating the building systems of structure, plumbing, and mechanical and fire safety.

IND 3474. Construction Documents (3). Prerequisite: IND 3469. This studio course focuses on the generation of a comprehensive set of specifications and construction drawings for a single project.

IND 3480. Materials and Methods (3). Prerequisite: A textiles course. This course is an introduction to the fundamentals of sustainable design in order to better understand the inter-relationships between the built environment and nature.

IND 3529. Portfolio Development (1). (S/U grade only.) Prerequisite: IND 4218. This course offers students the opportunity to develop a professional portfolio format in hardcopy and digital media.

IND 3627. Principles of Sustainable Design (3). This course gives students a basic introduction to the fundamentals of sustainable design in order to better understand the inter-relationships between the built environment and nature.

IND 3930r. Special Topics in Interior Design (1–3). May be repeated to a maximum of twelve semester hours.

IND 4101r. History of Interiors I (3). This course is a study of architecture, interior, and furniture design from antiquity through the Renaissance. May be repeated to a maximum of six semester hours.

IND 4113r. History of Interiors II (3). This course is a study of architecture, interior, and furniture design from the 17th and 18th centuries. May be repeated to a maximum of six semester hours.

IND 4156r. Historical Restoration, Research and Documentation (3–6). This course includes study, research, and documentation of restoration and preservation procedures, sources of antiquities, and reproductions. Includes field trips. May be repeated to a maximum of six semester hours.

IND 4161r. History of Interiors III (3). This course includes the study of architecture, interior, and furniture design from the 19th century to the present. May be repeated to a maximum of six semester hours.

IND 4218. Interior Design Studio II (3). Prerequisite: IND 3217. This course consists of intermediate projects in creative problem solving applied to both residential and commercial interiors. Emphasis on graphic communication and presentation.

IND 4242r. Interior Design Studio III (3). Prerequisite: IND 4218. This course consists of advanced projects in creative problem solving with emphasis on programming, spatial analysis, and open-office systems.

IND 4243r. Interior Design Studio IV (3–6). Prerequisite: IND 4242. This course is an 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 semester hours.

IND 4506. Business Practices (3). Prerequisite: IND 4242. 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). Prerequisite: First year review. This course is 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.) This course enables students to pursue independent work in the area of design or research or under the direction of a faculty member. May be repeated to a maximum of twelve semester hours.

IND 4947r. Internship (1–3). This internship enables students 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 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 thesis or project hours to be counted toward elective credit. Upon meeting Florida State University’s requirements for honors courses, the students pursue independent creative and academic research as part of the undergraduate program.

Graduate Courses

IND 5005. Survey of Interior Design (5).

IND 5028. Creative Problem-Solving (3).

IND 5105r. History of Interiors Seminar I (3).

IND 5135r. History of Interiors Seminar II (3).

IND 5157. Historical Restoration, Research and Documentation (3).

IND 5165r. History of Interiors Seminar III (3).

IND 5208. Design Fundamentals (3).

IND 5235r. Graduate Studio I (3).

IND 5236r. Graduate Studio II (3).

IND 5257. Graduate Studio III (3).

IND 5258. Graduate Studio IV (3).

IND 5280. Graduate Studio V (3).

IND 5281. Graduate Studio VI (3).

IND 5316r. Design Graphics II (1–4).

IND 5317. Design Graphics I (3).

IND 5425. Graduate Technical Design (3).

IND 5428. Materials and Methods (3).

IND 5435r. Graduate Lighting Seminar (4).


IND 5477. Computer-Aided Design II (3).


IND 5487. Construction Documents (3).

IND 5508. Professional Practices (3).

IND 5526. Graduate Portfolio Review II (1). (S/U grade only.)

IND 5528. Graduate Portfolio Review I (1). (S/U grade only.)

IND 5699. Graduate Seminar: Social-Psychological Aspects of Design (3).

IND 5628. Principles of Sustainable Design (3).

IND 5634. Pre-Design Research and Programming (3).

IND 5636. Graduate Seminar: Design Theory and Criticism (3).

IND 5637. Graduate Seminar: Research Methods in Design (3).

IND 5638. Graduate Seminar: Design Issues (3).

IND 5910r. Directed Individual Study (1–3). (S/U grade only)

IND 5911r. Supervised Research (1–5). (S/U grade only)

IND 5930r. Special Topics in Interior Design (1–4).

IND 5944r. Field Research in Space Organization (1–8).

IND 5945r. Supervised Teaching (1–3). (S/U grade only)

IND 5948r. Graduate Internship (1–3). (S/U grade only)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Program in
INTERNATIONAL AFFAIRS

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Web Page: http://www.coss.fsu.edu/inaprog/

Director: Lee Metcalf (Social Sciences); Director of Undergraduate Studies: Jason Jordan (Political Science); Director of International Economic Education: Onsurang Norrin (Economics)

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 non-profit), 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 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 coursework 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 participating departments and must include the required core course, Introduction to International Affairs. A minimum of twelve semester hours, maximum of eighteen 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 semester hours must be above the 2999 level. A maximum combined total of twelve 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).

Majors starting on or after Fall 2010 must complete INR 3932 Introduction to International Affairs.

Students are advised to coordinate their coursework 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 CPO 2002, INR 2002, ECO 2011 and 2023, GEA 1000, and WOW 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://www.academic-guide.fsu.edu for more information.

Study Abroad

Students majoring in international affairs are strongly encouraged to study abroad. Visit https://international.fsu.edu/ for more information on the various options available through Florida State International Programs. Students should consult with the international affairs director about any other study abroad programs they wish to pursue. Coursework taken in overseas locations must be approved in advance for credit toward the major.

Internship

The Program in International Affairs encourages students to take advantage of internships at the state, national, and international level. There are opportunities to work in the international arena through agencies and businesses in Florida’s capital, the Washington Center Program in Washington, DC., and Florida State’s International Programs in Panama and London. 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. Information and application materials are available on the International Studies Blackboard Organization site. Applications 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.

Second Majors

When students pursue a second major in the College of Social Sciences, they may count nine semester hours of coursework toward both of their majors. For a second major in the College of Arts and Sciences, only six semester hours may count toward both of the majors. Courses that may apply toward a second major must be from the approved course list.

Requirements for a Minor in International Affairs

A minor consists of eighteen semester hours beyond the liberal studies requirements with grades of “C–” or better. Work must be taken in at least three 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 of the eighteen semester hours must be numbered above 2999.

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. These courses appear on the term course lists and are available at the International Studies Organization Blackboard site as well as the program office in 211 Bellamy.

Required Core Course

INR 3003 Introduction to International Affairs (3)

Anthropology

ANT 2410 Introduction to Cultural Anthropology (3)
ANT 2416 Childhood Around the World (3)
ANT 2470 Anthropology of Globalization (3)
ANT 3141 World Prehistory (3)
ANT 3212 Peoples of the World (3)
ANT 4142 European Prehistory (3)
ANT 4163 Mesoamerican Archaeology (3)
ANT 4175 Archaeology Islamic World (3)
ANT 4241 Anthropology of Religion (3)
ANT 4277 Human Conflict (3)
ANT 4302 Sex Roles in Cross-Cultural Perspective (3)
ANT 4309 Conquest of the Americas (3)
ANT 4323 Peoples and Cultures of Mexico and Central America (3)
ANT 4337 Peoples and Cultures of Amazonia (3)
ANT 4352 Peoples and Cultures of Africa (3)
ANT 4363 Japanese Society and Culture (3)

Economics (see course descriptions and/or adviser about required prerequisites)

ECO 2000 Introduction to Economics (3)*
* Should not be taken after ECO 2013 or ECO 2023
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)
ECP 3113 Economics of Population (3)
ECP 3302 Economics of Natural Resources, Energy and the Environment (3)
ECP 4118 Introduction to Economic Demography (3)
ECS 3003 Comparative Economic Systems (3)
Philosophy

PHI 2010 Introduction to Philosophy (3)
PHI 2620 Environmental Ethics (3)
PHM 2300 Introduction to Political Philosophy (3)
PHM 3331r Modern Political Thought (3)
PHM 3400 Philosophy of Law (3)

Geography

GEA 1000 World Geography (3)
GEA 2210 United States and Canada (3)
GEA 3173 Third World in Film (3)
GEA 3563 The Mediterranean (3)
GEA 4405 Latin America (3)
GEA 4500 Europe (3)
GEA 4520 Britain and Ireland (3)
GEA 4554 Russia and Southern Eurasia (3)
GEO 1330 Environmental Science (3)
GEO 1400 Human Geography (3)
GEO 3502 Economic Geography (3)
GEO 4340 Living in a Hazardous Environment (3)
GEO 4357 Environmental Conflict and Economic Development (3)
GEO 4372 Natural Resource Assessment and Analysis (3)
GEO 4403 Global Change, Local Places (3)
GEO 4421 Cultural Geography (3)
GEO 4450 Medical Geography (3)
GEO 4471 Political Geography (3)
GEO 4602 Urban Geography (3)

History

All history courses are on the list of courses approved for international affairs majors except those courses with the AMH (American History) or the HIS prefix. Only three AMH courses and one HIS course are on the approved list for international affairs majors, namely:

AMH 3544 The United States and Vietnam 1941–1975 (3)
AMH 4511 Twentieth-Century United States Foreign Relations (3)
HIS 4259 War and the Nation State (3)

Modern Languages

Those credit hours earned by taking courses to fulfill the modern language requirement (which must be met by all international affairs majors) cannot be counted toward the international affairs major. Students may, however, earn credit toward the major for additional courses in modern languages. For a departmental concentration in modern languages, students must have a minimum of twelve semester hours of advanced-level coursework in one language, including two courses in culture and/or literature. Courses listed below do not require prerequisite language course background.

CHT 3391 Chinese Cinema and Culture (3)
FRT 3140 Masterworks of French Literature in Translation (3)
FRT 3520r French Cinema (3)
GET 3130 Masterpieces of German Literature in Translation: 19th and 20th Centuries (3)
GET 3524r German Cinema (3)
ITT 3430 Masterpieces of Italian Literature in Translation (3)
ITT 3500 Italian Culture and Civilization: From Origins to the Age of Romanticism (3)
ITT 3501 Modern Italian Culture: From the Unification to the Present (3)
ITT 3523r Italian Cinema (3)
JPT 3391r Japanese Film and Culture (3)
RUT 3110 Russian Literature in English Translation (3)
RUT 3504 Modern Russian Life (3)
RUW 3100 Survey of Russian Literature I (3)
RUW 3101 Survey of Russian Literature II (3)
SLL 3500 Slavic Culture and Civilization (3)
SLL 3510 The Slavic Vampire (3)
SPT 3100 Spanish Literature in Translation (3)
SPT 3130 Latin American Literature in Translation (3)
SPT 3391r Hispanic Cinema (3)

Philosophy

PHI 2010 Introduction to Philosophy (3)
PHI 2620 Environmental Ethics (3)
PHM 2300 Introduction to Political Philosophy (3)
PHM 3331r Modern Political Thought (3)
PHM 3400 Philosophy of Law (3)

Political Science (see course descriptions and/or adviser about required prerequisites)

CPO 2002 Introduction to Comparative Government and Politics (3)
CPO 3034 Politics of Developing Areas (3)
CPO 3101 European Union (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 3520 Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3)
CPO 3541 Politics of China (3)
CPO 3733 Emerging Democracies of Central Europe (3)
CPO 3930r Special Topics in Comparative Government and Politics (1–3)
CPO 4057 Political Violence (3)
CPO 4504 Institutional Approaches to Democracies and Dictatorships (3)
INR 2002 Introduction to International Relations (3)
INR 3004 Geography, History, and International Relations (3)
INR 3084 Terror and Politics (3)
INR 3502 International Organization (3)
INR 3603 Theories of International Relations (3)
INR 3933 Special Topics in International Relations (3)
INR 4011 Political Responses to Economic Globalization (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)
PHM 3331r Modern Political Thought (3)
PHM 4340r Contemporary Political Thought (3)
POT 3003 Introduction to Political Thought (3)

Public Administration

PAD 4374 Introduction to Terrorism (3)
PAD 4375 Advanced Topics Terrorism (3)*
PAD 4836 Special Topics (3) (Topics vary, students may take: International Comparative Emergency Management or International Sustainable Development)

* requires prerequisite course PAD 4374

Religion

REL 1300 Introduction to World Religions (3)
REL 2210 Introduction to Old Testament (3)
REL 2240 Introduction to New Testament (3)
REL 2315 Religions of South Asia (3)
REL 2350 Religions of East Asia (3)
REL 3145 Gender and Religion (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 3345 Chan Zen Buddhism (3)
REL 3358 Tibetan and Himalayan Religions (3)
REL 3363 The Islamic Tradition (3)
REL 3367 Islam in the Modern World (3)
REL 3505 The Christian Tradition (3)
REL 3607 The Jewish Tradition (3)
REL 4304 Undergraduate History of Religions Seminar (3)
REL 4333 Modern Hinduism (3)
REL 4359r Special Topics in Asian Religions (3)
REL 4564 Modern Roman Catholicism (3)
REL 4613 Modern Judaism (3)
**Graduate Courses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 5012</td>
<td>Problems of Globalism (3)</td>
</tr>
<tr>
<td>INR 5806r</td>
<td>Directed Individual Study (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>INR 5910r</td>
<td>Supervised Research (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>INR 5935r</td>
<td>Special Topics (1–3). (S/U grade only)</td>
</tr>
<tr>
<td>INR 5936r</td>
<td>Special Topics in International Affairs (1–3).</td>
</tr>
<tr>
<td>INR 5938</td>
<td>Joint Seminar in International Affairs (3)</td>
</tr>
</tbody>
</table>

For listings relating to graduate coursework for thesis, master’s comprehensive examination, and thesis defense, consult the *Graduate Bulletin*.

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**College of Arts and Sciences**

**Web Page:** [http://international.fsu.edu/Types/College/Italy/Default.aspx](http://international.fsu.edu/Types/College/Italy/Default.aspx)

**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 semester hours in courses approved by the Italian Studies Florence Center Minor Coordinating Committee. At least nine semester hours of approved courses must be taken while the student is in residence at the Florence Study Center. A maximum of nine 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@fsu.edu for further information.

The student must have completed at least three 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 at the Tallahassee campus or in Florence. Descriptions of these courses can be found under the individual departments in which they are taught:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 3150</td>
<td>Art and Archaeology of Ancient Italy (3)</td>
</tr>
<tr>
<td>ARH 4120</td>
<td>Etruscan Art and Archaeology (3)</td>
</tr>
<tr>
<td>ARH 4151</td>
<td>Art and Archaeology of the Early Roman Empire (3)</td>
</tr>
<tr>
<td>ARH 4154</td>
<td>Archaeology of the Late Roman Empire (3)</td>
</tr>
<tr>
<td>ARH 4210</td>
<td>Early Christian and Byzantine Art (3)</td>
</tr>
<tr>
<td>ARH 4304</td>
<td>History of Renaissance Architecture (3)</td>
</tr>
<tr>
<td>ARH 4310</td>
<td>Early Italian Renaissance Art: 15th Century (3)</td>
</tr>
<tr>
<td>ARH 4312</td>
<td>Later Italian Renaissance Art: 16th Century (3)</td>
</tr>
<tr>
<td>ARH 4352</td>
<td>Southern Baroque Art (3)</td>
</tr>
<tr>
<td>CLA 2010</td>
<td>Introduction to Greek and Roman Civilization (3)</td>
</tr>
<tr>
<td>CLA 2123</td>
<td>The Roman Way: Introduction to Roman Civilization (3)</td>
</tr>
<tr>
<td>CLA 3502</td>
<td>Women, Children, and Slaves in Ancient Rome: The Roman Family (3)</td>
</tr>
<tr>
<td>CLA 4447r</td>
<td>Studies in Roman History (3)</td>
</tr>
<tr>
<td>CLA 4780r</td>
<td>Classical Archaeology: Field Work (1–6)</td>
</tr>
<tr>
<td>CLA 4880</td>
<td>Roman Law (3)</td>
</tr>
<tr>
<td>EUH 3431</td>
<td>Modern Italy (3)</td>
</tr>
<tr>
<td>EUH 4140</td>
<td>Renaissance (3)</td>
</tr>
<tr>
<td>EUH 4244</td>
<td>Fascism (3)</td>
</tr>
<tr>
<td>EUH 4412</td>
<td>The Roman Republic (3)</td>
</tr>
<tr>
<td>EUH 4413</td>
<td>The Roman Empire (3)</td>
</tr>
<tr>
<td>LNW 4320</td>
<td>Roman Lyric, Elegiac, and Pastoral Poetry (3)</td>
</tr>
<tr>
<td>LNW 4340</td>
<td>Roman Epic (3)</td>
</tr>
<tr>
<td>LNW 4360</td>
<td>Roman Satire (3)</td>
</tr>
<tr>
<td>LNW 4380</td>
<td>The Roman Historians and Cicero (3)</td>
</tr>
<tr>
<td>MUS 4241</td>
<td>Italian Language and Diction for Singers (3)</td>
</tr>
<tr>
<td>PHH 3061</td>
<td>Medieval and Renaissance Philosophy (3)</td>
</tr>
<tr>
<td>REL 3505</td>
<td>The Christian Tradition (3)</td>
</tr>
<tr>
<td>REL 4564</td>
<td>Modern Roman Catholicism (3)</td>
</tr>
</tbody>
</table>

In addition, any Italian courses at the 2000 level or above will count toward the Italian Studies minor.

**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)
- ART 1300C: Drawing I (3)
- CLT 3370: Classical Mythology (3)
- ENC 3310: Article and Essay Technique (3)
- ENC 4311: Advanced Article and Essay Workshop (3)
- EIH 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)
- PSGY 2100C: Photo for Non-Art Majors (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, International Programs, University Center A5500, Tallahassee, FL, 32306-2420.

JAPANESE:
see Asian Studies; Modern Languages and Linguistics

LATIN:
see Classics
work, and fifteen semester hours in multinational business courses. The Latin American and Caribbean studies coursework is to be selected from the area specific courses. With this degree there is no concepts and theories requirement. Students are also to select between two fifteen semester hour business coursework 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. Students should seek advising from the Latin American and Caribbean Studies program adviser in 211 Bellamy about registering for business courses.

**International Marketing Track**

- **MAN 3600** Multinational Business Operations
- **MAN 4631** International Strategic Management
- **MAR 3023** Basic Marketing Concepts
- **MAR 4156** Multinational Marketing

Choose one:

- **MAN 4605** Cross-Cultural Management (Prerequisite: MAN 3240)

**OR**

- **MAN 4680r** Selected Topics in International Management

**OR**

- Another related course approved by the Latin American and Caribbean studies program adviser

**International Finance Track**

- **FIN 3244** Financial Markets, Institutions, and International Finance Systems
- **FIN 3403** Financial Management of the Firm
- **FIN 4604** Multinational Financial Management
- **MAN 3600** Multinational Business Operations

Choose one:

- **MAN 4605** Cross-Cultural Management (Prerequisite: MAN 3240)

**OR**

- **MAN 4680r** Selected Topics in International Management

**OR**

- Another related course approved by the LACS program adviser

**Study Abroad**

Students majoring in Latin American and Caribbean studies are strongly encouraged to study abroad. See https://international.fsu.edu/ for more information on the various options available through Florida State International Programs.

Students should consult with the Latin American and Caribbean Studies Director about any other study abroad programs they wish to pursue. Coursework taken in overseas locations must be approved in advance for credit toward the major.

**Internship**

The Latin American and Caribbean studies program encourages students to take advantage of internships with an area focus. Information on possible placements can be found on the International Studies Blackboard Organization site. All application materials, which are also available on the Blackboard site, must be submitted and all internships must be approved a semester prior. See the Latin American and Caribbean Studies program adviser in 211 Bellamy for further information.

**Honors in the Major**

The Program in Latin American and Caribbean 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.

**Minor in Latin American and Caribbean Studies**

Students pursuing a minor in the program must complete eighteen semester hours of Latin American and Caribbean studies coursework beyond the liberal studies requirement. In this case none of the broader comparative concepts and theories courses will count toward the eighteen semester hour minimum. Students may select freely from all area-specific courses.

**Approved Courses**

**Note:** Descriptions of specific courses can be found under the individual departments in which they are taught. In addition to the courses listed below, special topics courses may be approved by the program director in any particular term. These courses appear on the term course lists and are available at the International Studies Blackboard Organization site as well as the program office in 211 Bellamy.

**Area Specific Courses (twenty-four credit hours)**

**Anthropology**

- **ANT 4163** Mesoamerican Archaeology (3)
- **ANT 4166r** Regional Civilizations in Ancient Mesoamerica (3)
- **ANT 4167** Maya Hieroglyphic Writing (3)
- **ANT 4227r** Topics in Pre-Colombian Art and Iconography (3)
- **ANT 4309** Conquest of the Americas (3)
- **ANT 4323** Peoples and Cultures of Mexico and Central America (3)
- **ANT 4337** Peoples and Cultures of Amazonia (3)

**Communication**

- **ADV 3410** Hispanic Marketing Communication (3)

**Economics**

- **ECS 4013** Economics of Development (3)

**English**

- **AML 3630** Latino/a Literature in English (3)

**Geography**

- **GEA 4405** Latin America (3)

**History**

- **LAH 1093** Latin America: A Cross Cultural History (3)
- **LAH 3411** History of Mexico, Central America and the Caribbean (3)
- **LAH 3456** History of Panama Since 1940 (3)
- **LAH 3500** History of South America (3)
- **LAH 3734** Latin American History Through Film (3)
- **LAH 4430** History of Mexico (3)
- **LAH 4470** History of the Caribbean (3)
- **LAH 4600** History of Brazil (3)
- **LAH 4723** Race and Class in Colonial Latin America (3)
- **LAH 4748** Social Revolutionary Movements in Latin America (3)

**Humanities**

- **HUM 3324** Cultural Imperialism (3)

**Latin American and Caribbean Studies**

- **LAS 4905r** Directed Individual Study (3)
- **LAS 4935r** Honors Work (3)
- **LAS 4940r** Internship in Latin American and Caribbean Studies (1–6)

**Modern Languages and Linguistics**

- **POR 3140** Portuguese for Advanced Students of Spanish I (3)
- **POR 3141** Portuguese for Advanced Students of Spanish II (3)
- **PRT 3391r** Brazilian Literature and Film in Translation (3)
- **SPN 3332** Communication in Language and Culture I (3)
- **SPN 3333** Communication in Language and Culture II (3)
- **SPN 3350** Spanish for Heritage Speakers (3)
- **SPN 3440** Language and Culture in Business (3)
- **SPN 3520** Cultures of Latin America (3)
- **SPN 4440** Business Writing in Spanish (3)
- **SPN 4540r** Regional Cultural Studies (3)
- **SPN 4740** Hispanic Sociolinguistics (3)
- **SPT 3130** Latin American Literature in Translation (3)
- **SPW 3030** Approaching Hispanic Literature (3)
- **SPW 3132** Readings from Early Spanish America (3)
- **SPW 3391r** Hispanic Cinema (3)
- **SPW 3493** Readings from Modern Spanish America (3)
- **SPW 4140r** The Poetics of Hispanic Love and Violence (3)
SPW 4150r Transatlantic Encounters (3)
SPW 4301r Hispanic Culture and Performance (3)
SPW 4491 Spanish American Women Writers (3)
SPW 4770 Caribbean Literature (3)

Music
MUH 4541 Music of Latin America I (3)
MUH 4542 Music of Latin America II (3)
MUH 4543 Music in the Caribbean (3)

Political Science
CPO 3034 Politics of Developing Areas (3)
CPO 3303 Politics of Latin America (3)
INR 4244 Studies in International Politics: Latin America (3)

Religion
REL 3128r Topics in Religion in the Americas (3)
REL 4564 Modern Roman Catholicism (3)

Sociology
SYD 4700 Race and Minority Group Relations (3)

Urban and Regional Planning
URP 4402 Sustainable Development Planning in the Americas (3)

Recommended Prerequisite Social Science-Concepts and Theories
CPO 2002 Introduction to Comparative Government and Politics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)
INR 2002 Introduction to International Relations (3)

Other Concepts and Theories
ECO 3303 History of Economic Ideas (3)
ECO 4704 International Trade (3) [with ECO 2013, ECO 2023, and ECO 4101 as prerequisites]
ECO 4713 International Finance (3) [with ECO 2013 and ECO 2023 as prerequisites]
ECS 3003 Comparative Economic Systems (3) [with ECO 2013 and ECO 2023 as prerequisites]
GEA 1000 World Geography (3)
GEO 1400 Human Geography (3)
GEO 3502 Economic Geography (3)
GEO 4421 Cultural Geography (3)
GEO 4471 Political Geography (3)
INR 3004 Geography, History, and International Relations (3)
INR 3084 Terror and Politics (3) [with INR 2002 as prerequisite]
INR 3502 International Organizations (3) [with INR 2002 as prerequisite]
INR 3603 Theories of International Relations (3) [with INR 2002 as prerequisite]

Additional Latin American and Caribbean Studies Courses (Six credit hours)
Select from any approved Latin American and Caribbean studies course or an approved internship.

Definition of Prefix
LAS—Latin American Studies

Undergraduate Courses
LAS 4905r Directed Individual Study (3). May be repeated to a maximum of six semester hours when content varies. Can be repeated within same semester.
LAS 4935r Honors Work (3). This course allows students to participate in a supervised research problem and produce a paper describing the results of that work. Open to participants in the University and department honors program. May be repeated to a maximum of nine semester hours.
LAS 4940r Internship in Latin American and Caribbean Studies (1–6). Prerequisites: completion of fifteen semester hours in LACS, an overall or LACS GPA of 3.0, and adviser permission one semester in advance. This internship in an approved organization provides practical experience in the 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 semester hours.
DEFINITION OF PREFIX

LAW—Law

GRADUATE COURSES

LAW 5000. Contracts (4).
LAW 5100. Criminal Law (3).
LAW 5300. Civil Procedure (4).
LAW 5400. Property (4).
LAW 5501. Constitutional Law I (3).
LAW 5502. Constitutional Law II (3).
LAW 5532. Legislation and Regulation (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 (2–3).
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 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 6321. Remedies (3).
LAW 6420. 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 I (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 Tort Law (2–3).
LAW 6705. Workers’ Compensation (2–3).
LAW 6720r. Health Law and Policy (3).
LAW 6794. Writing Skills (3).
LAW 7040. Conscience Law (2–3).
LAW 7050. Creditors’ Rights (3).
LAW 7054. Bankruptcy Policy Seminar (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 7246. Lawyers and Literature (2–3).
LAW 7250. Comparative Law (2–3).
LAW 7252. Comparative Criminal Procedure (2–3).
LAW 7262. International Trade (2–3).
LAW 7264. Immigration Law (2–3).
LAW 7266. International Litigation (2).
LAW 7303. Florida Practice (2).
LAW 7307. Advanced Civil Procedure (2–3).
LAW 7340. Conflict of Laws (3).
LAW 7360. Trial Practice (2). (S/U grade only.)
LAW 7451. Estate Planning (2).
LAW 7475. Coastal and Ocean Law (2–3).
LAW 7476. Law of the Sea (2–3).
LAW 7482. Endangered Species Protection Law (2–3).
LAW 7503. State Constitutional Law (3).
LAW 7504. Supreme Court Roleplay (2–3).
LAW 7510r. Civil Rights (2–3).
LAW 7511r. First Amendment (2–3).
LAW 7512. Church and State (2–3).
LAW 7521. Florida Administrative Practice (2–3).
LAW 7549. Employment Discrimination (3).
LAW 7560. Securities Regulation (3).
LAW 7565. Securities Litigation Seminar (2).
LAW 7575. Entertainment Law (2–3).
LAW 7581. Sports Law (2).
LAW 7613. Taxation of Business Entities II (2–3).
LAW 7660. Tax Policy (2).
LAW 7680r. International Tax (2–3).
LAW 7704r. Mass Tort Litigation (2–3).
LAW 7710. Family Law (3).
LAW 7716. Florida Dissolution of Marriage (2–3).
LAW 7722. Bioethics and the Law (3).
LAW 7730. Admiralty Law (2–3).
LAW 7750. Professional Responsibility (3).
LAW 7760. Accounting and the Law (2–3).
LAW 7795. Advanced Writing Skills: Appellate Briefs (2).
LAW 7805r. LLM Writing Project (3). (S/U grade only.)
LAW 7910r. Directed Individual Study (1–5). (S/U grade only.)
LAW 7915r. Legislative Policy Studies (1–3).
LAW 7915r. Legislative Policy Studies (1–3).
LAW 7930r. College of Law Special Topics (1–5).
LAW 7939r. Special Topics (2-3). (S/U grade only.)
LAW 7940r. Clinical Orientation (1–2). (S/U grade only.)
LAW 7949r. Clinical Law Programs (1–15). (S/U grade only.)
LAW 7950r. Law Review (1–5). (S/U grade only.)
LEARNING AND COGNITION: see Educational Psychology and Learning Systems

Program in LAW AND SOCIETY

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Web Page: http://www.coss.fsu.edu/iss/content/undergraduate-major-social-sciences-emphasis-law-and-society

Director: Robert E. Crew, Jr., Office of the Dean, College of Social Sciences and Public Policy

The Program in Law and Society offers an interdisciplinary study of the interaction of law and legal institutions and contemporary society. It is designed to provide an appreciation and recognition of the impact of law and legal institutions on society and the ways law is shaped by the values, behavior, and organization of social, economic, and political systems. Courses from the Departments of Economics, Geography, Political Science, Urban and Regional Planning, and Sociology, as well as the School of Public Administration and Policy, are included. Students may minor in law and society or select a major concentration in law and society through the interdisciplinary social sciences major. The Program in Law and Society is appropriate for a variety of educational and occupational goals 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 pre-professional 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 the law (ECP 3451) or sociology of law (SYP 3540), and four other courses from the approved list of courses. To complete the social science major with a concentration in law and society, students shall be required to select two twelve 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 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
CPD 3123 Comparative Government and Politics: Great Britain (3)
POS 3122 State Politics (3)
POS 3691 Law and Society (3)
POS 4413 The American Presidency (3)
POS 4424 Legislative Systems (3)
POS 4606 The Supreme Court in American Politics (3)
POS 4624 The Supreme Court, Civil Liberties, and Civil Rights (3)
POT 3502 Polities and Ethics (3)
POT 4205 American Political Thought I (3)
POT 4206 American Political Thought II (3)
PUP 3002 Introduction to Public Policy (3)

Public Administration and Policy
PAD 4603 Administrative Law (3)

Sociology
SYD 4700 Race and Minority Group Relations (3)
SYG 3400 Social Work Research (3)
SYO 3100 Family Problems and Social Change (3)
SYO 3530 Social Classes and Inequality (3)
SYO 4300 Sociology of Politics (3)
SYO 5400 Sociology of Law (3)
SYO 4570 Deviance and Social Control (3)

Urban and Regional Planning
URP 4423 Introduction to Environmental Planning and Resource Management (3)

Other Courses
PHM 3400 Philosophy of Law (3)
SOP 3751 Psychology and the Law (3)

Students may consult with Dr. Robert E. Crew, Director, Interdisciplinary Program in Social Science, for additional information.
LIS 4301. Electronic Media Production (3). Prerequisite: LIS 3533. This course offers the understanding, skills, and techniques needed for the production and utilization of various types of electronic graphic resources. Emphasis is on visual literacy, the evaluation of graphic resources, design standards, and the visual representation of information. Students evaluate existing materials and design and produce materials for both print and non-print formats, including pages for the World Wide Web, slide shows for visual support of verbal presentations, and documents produced with a desktop publishing software.

LIS 4351. Interface Design (3). Prerequisite: LIS 3533. This course offers an introduction to the basic 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. This course introduces the core concepts of client and server side application technologies for World Wide Web (WWW) information servers and teaches students how to evaluate the effectiveness of WWW applications. The course acquaints students with resources available for design, production, and evaluation of WWW information servers and assists students in developing strategies for gaining hands-on experience in Web application production, including: PERL/CGL, JavaScript, server authentication techniques, synchronized multimedia, and hypertext authoring.

LIS 4366. Web Site Development and Administration (3). Prerequisite: LIS 4301. This course covers issues and techniques related to the planning, production, and management of large and wide Web sites. It covers the design and development of large Web sites, including hardware and software, and cutting-edge development tools. Special emphasis is placed on information provision and the role of Web developers as providers and managers of information resources.

LIS 4386. Web Development with PHP (3). Prerequisite: LIS 2780 and CGS 3406 or other object-oriented programming course. This course provides a foundation in developing Web applications with an emphasis on the PHP programming environment. Topics include basic PHP, basic Web application programming, advanced object-oriented PHP, and Web application development.

LIS 4410. Societal Implications of the Information Age (3). This course offers an introduction to and role of information in the “Information Age.” The course emphasizes role and information services that fulfill society’s information needs, and also considers the nature of electronic sources of information as well as other information formats and sources.

LIS 4480. Information Technology Leadership (3). This course focuses on leadership, management, and supervision in information services, project management and personnel development, and management of contemporary IT organizations. Students participating in this class actively design, implement, and coordinate numerous ongoing projects that build a strong team atmosphere and allow students to gain valuable leadership, communication, and team building skills within the context of contemporary IT organizations. May be repeated to a maximum of six semester hours; duplicate registration not allowed.

LIS 4481. Managing Information Resources and Services (3). Prerequisites: Three of the following: LIS 3201, LIS 3267, LIS 3353, LIS 4276 and LIS 4351. This course offers an introduction to management science and administrative issues as applied to information resources management (IRM), information centers, and information design. Emphasis is placed upon management functions, concepts, and principles. Topics cover IRM definitions and issues, IRM implementation and strategies, as well as life-cycle management and career opportunities.

LIS 4482. Managing Networks and Telecommunications (3). Prerequisite: LIS 3533. This course provides a foundation in the field of networks and telecommunication to provide information. Focus is on modern data networks, especially building blocks of local area networks (LANs). The course deals with concepts, technical requirements, and a variety of management issues.

LIS 4488. Network Administration for the Information Professional (3). Prerequisites: LIS 3533 and LIS 4276. This course covers the necessary skills needed to perform competently in the role of network administrator or network system manager within a library and/or information center environment. The course introduces students to the design, operation, and management of networked systems from local area networks to the Internet. Topics cover communication concepts and technical and application issues, with a focus on managing a network.

LIS 4462. Electronic Information Sources and Services (3). This course offers an introduction to the processes of electronic information retrieval including some theoretical principles, laboratory experiences, and selected current research issues.

LIS 4701. Information Representation (3). Prerequisite: LIS 3537. This course addresses the representation of information in textual and non-textual form. The course emphasizes issues related to representing information in such areas as bibliographic and transitory materials such as archival and manuscript collections, business/office records, ephemera, and local databases. The course focuses on using the availability of produced resources created for the narrowly defined, specific, and possibly limited information user group.

LIS 4708. Perspectives on Information Technology (3). Corequisite: LIS 4910 or instructor permission. 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 introduces students to the 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). This course describes the scope and the problems involved in the administrative management of records. Emphasis centers on the importance of managing and controlling records from the time of their creation until their vital deposal.

LIS 4774. Information Security (3). This course offers an introduction to the concepts, policies, and issues associated with digital computer and network security and the skills necessary to assess and improve the security of servers, desktop systems, and digital networks.
LIS 4776. Advanced Health Informatics (3). Prerequisite: LIS 4785. This course builds and extends the foundations presented in LIS 4785, while introducing practical solutions for the health IT professional. Students apply IT knowledge to address real-life problems in the medical community. The course provides students with a solid practical set of skills to enter the health industry.

LIS 4785. Introduction to Health Informatics (3). This course presents how theory and practice in health care, strategy, information technology, communications, and law are integrated in the management and delivery of health care in various situations. Focus is on the emerging specialization in the health-care industry that combines expertise in health care, information technology, and information management.

LIS 4905r. Directed Individual Study (1–3). (S/U grade only.) This course consists of guided studies for individual professional and subject needs. May be repeated to a maximum of six semester hours.

LIS 4910. Information Technology Project (3). Prerequisite: Senior standing or instructor permission. This course consists of students working 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, LIS 3267, LIS 3353, LIS 4276, and LIS 4351. This course is a directed and supervised investigation of selected problems, issues, and trends in information studies, with an emphasis on research. Each offering is anticipated to be different, given the evolving nature of the subject matter. May be repeated to a maximum of six semester hours.

LIS 4938. Seminar in Information Studies (3). Prerequisites: Senior standing and three of the following: LIS 3232, LIS 3267, LIS 3342, LIS 4276, and LIS 4351. This seminar involves intensive reading and preparation of position papers concerning current issues in information studies, followed by discussions of these papers with faculty and information specialists.

LIS 4940r. Internship in Information Studies (1–6). (S/U grade only.) Prerequisites: LIS 3201, LIS 3353, and adviser permission. This paid or unpaid internship offers work experience in the information industry that expands and integrates classroom work. May be repeated for a maximum of six semester hours.

LIS 4941r. Information Technology Practicum (3). This practicum is designed to provide the student with exposure to hands-on technical problem solving in a variety of settings. Students learn through practical experience to identify common technical problems experienced by end users; assess the scope and severity of user issues; and to develop, communicate, and implement strategies for successful problem resolution. May be repeated to a maximum of six semester hours. Duplicate registration not allowed.

LIS 4970r. Honors Work in Information Studies (1–6). Prerequisites: Admission to the honors program and information-technology major status. This 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 semester hours. To graduate with honors in information studies, the student must complete six semester hours of coursework with at least a “B–” or better and an overall 3.2 GPA or higher.

Graduate Courses

IDC 5015. Teaching Interdisciplinary Computing (2-3).
LIS 5008. Advanced Online Searching (3).
LIS 5020. Foundations of the Information Professions (3).
LIS 5105. Communities of Practice (3).
LIS 5112. History of Reading in Everyday Life (3).
LIS 5113. History of American Librarianship (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 5273. Practical Library and Information Science Exploration (3).
LIS 5275. Usability Analysis (3).
LIS 5313. Digital Media: Concepts and Production (3).
LIS 5316. Information Graphics (3).
LIS 5362. Design and Production of Networked Multimedia (3).
LIS 5364. Web Site Development and Administration (3).
LIS 5367. Advanced Web Applications (3).
LIS 5403. Human Resource Management for Information Professionals (3).
LIS 5405. Leadership in Technology (3).
LIS 5408. Management of Information Organizations (3).
LIS 5411. Introduction to Information Policy (3).
LIS 5413. Seminar in Information Policy (3).
LIS 5416. Introduction to Legal Informatics (3).
LIS 5417. Introduction to Legal Resources (3).
LIS 5418. Introduction to Health Informatics (3).
LIS 5441. Leadership in Reading (3).
LIS 5442. Information Leadership (3).
LIS 5472. Digital Libraries (3).
LIS 5474. Business Information Needs and Sources (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 5528. Storytelling for Information Professionals (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 5602. Marketing of Library and Information Services (3).
LIS 5603. Introduction to Information Services (3).
LIS 5631. Health Information Sources (3).
LIS 5661. Government Information (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 5786. Introduction to Information Architecture (3).
LIS 5787. Fundamentals of Metadata Theory and Practice (3).
LIS 5900r. Directed Individual Study (1–3). (S/U grade only.)
LIS 5916r. Issues in Information Studies (1–3).
LIS 5945r. Internship (0-12). (S/U grade only.)
LIS 5971r. Thesis (2–6). (S/U grade only.)
LIS 6024. Seminar in the Historical Foundations of Library and Information Science (3).
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 6900r. Directed Individual Study (1–8). (S/U grade only.)
LIS 6911r. Research Collaboration (1–5). (S/U grade only.)
LIS 6919r. Issues in Information Studies (1–5).
LIS 6936r. Proseminar in LIS Research and Teaching (1–3).
LIS 6980r. Dissertation (1–12). (S/U grade only.)
LIS 8964r. Doctoral Preliminary Examination (0). (P/F grade only.)
LIS 8966r. Master’s Comprehensive Examination (0). (P/F grade only.)
LIS 8976r. Master’s Thesis Defense (0). (P/F grade only.)
LIS 8985r. Dissertation Defense Examination (0). (P/F grade only.)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Interdepartmental Minor in LINGUISTICS

Curriculum Committee: Carolina Gonzalez, Michael Leeser, Lara Reglero, and Gretchen Sunderman (Modern Languages and Linguistics)

Web Page: http://www.academic-guide.fsu.edu/minors.html#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.

Undergraduate and graduate students who wish to minor in linguistics should choose a minor adviser from the members of the linguistics curriculum committee (listed above) to help them in designing courses of study that fill their personal and professional needs.

Requirements for a Minor in Linguistics

**Undergraduate**

Undergraduate students in linguistics must take at least twelve semester hours from the linguistics courses listed below; two of these must be core courses.

**Core Courses**

LIN 3041, LIN 4030, LIN 4040, 4512, LIN 4905

**Other Courses**

ANTS 4640, LIN 3710, LIN 4930, LIN 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 semester hours from the linguistics courses listed below; two of these must be core courses.

**Core Courses**

LIN 5035, LIN 5045, LIN 5510

**Other Courses**

LIN 5772, LIN 5908r, LIN 5932, SPN 5805

Note: Additional courses may count with approval of the departmental curriculum committee.

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LINGUISTICS:

see also Modern Languages and Linguistics; Anthropology; Communication Disorders; English; and Psychology

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Department of MANAGEMENT

**COLLEGE OF BUSINESS**

Web Page: http://cob.fsu.edu/man/

Chair: Caesar Douglas; Professors: Ferris, Fiorito, Hochwarter, Lamont, Martinko, Paradice, Perrewé, Stepina; Associate Professors: Armstrong, Bush, Douglas, Matherly, Van Iddekinge; Assistant Professors: Charles, Holcomb, Holmes, Tang; Research Associates in Management: Blass, O’Connor, Simmons, Trammel; Associates in Management: Diez-Arguelles, Payne; Assistants in Management: Decker, Dever, Frazier, Kinney; Visiting Assistant in Management: Newton; Frances Eppes Professor of Management: Ferris; Haywood and Betty Taylor Eminent Scholar in Business Administration: Perrewé; J. Frank Dame Professor of Management: Fiorito; Thomas L. Williams Jr. Eminent Scholar: Lamont; Bank of America Professor of Business Administration: Martinko; Jim Moran Professor of Entrepreneurship: Holcomb; Jim Moran Professors of Business Administration: Douglas, Hochwarter; Sprint Professor of Management Information Systems: Paradise; Professor Emeritus: Anthony

The management curricula provide students with an understanding of the nature of managerial work, including both the art and the science of managing. The curricula emphasize the management of human resources, as well as strategic planning, managerial problem solving, and decision making. Within the management degree program, students choose to major in general management or human resource management consistent with their specific interests. The overall objective of these curricula is to prepare students for entry-level positions in small and large organizations, leading to line or staff management careers in either the public or private sector. Many graduates enter jobs as managerial associates, sales associates, or human resource professionals.

The Department of Management also administers the degree programs in management information systems (MIS). The purpose of the management information systems program is to provide the student with a broad understanding of the role and use of managerial technology in the various functional areas of modern organizations. The overall intent is to prepare the student for entry-level positions in medium- and large-size organizations leading to high-level technical or managerial careers in both the public and private sectors. The program Web site is accessible at http://cob.fsu.edu/mis/.

**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 general management, human resources management, and management information systems satisfy this requirement by earning a grade of “C-” or higher in CGS 2100 (state mandated business prerequisite requirement) or CGS 2518.

**State of Florida Common Program Prerequisites**

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree programs for management and management information systems:

1. ACG X011 or ACG X021 or ACG X022 or ACG X060 or ACG X111
2. ACG X071 or ACG X301
3. CGS X100 or CGS X100C or CGS X350 or CGS X570 or CGS X600 or CGS X531
4. ECX X013
5. ECO X203
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100
Requirements for a Major in 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. At least sixty semester hours of courses in non-business disciplines.
4. The general business core requirements for general management majors.
5. The general business breadth requirements for general management majors.
6. The major area requirements for general management majors.

Note: To be eligible to pursue a general management major, students must meet the admission requirements for the AACSB accredited business programs in the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All management majors must complete the following five courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal and Ethical Environment of Business (3)
- FIN 3403 Financial Management of the Firm (3)
- GEB 3213 Business Communications (3)
- MAN 3240 Organizational Behavior (3)
- MAR 3023 Basic Marketing Concepts (3)

General Business Breadth Requirements

All management majors must complete three 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 two electives from the following list of courses:
  - BUL 3310 The Legal and Ethical Environment of Business (3)
  - 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 3600 Multinational Business Operations (3)
  - MAR 3400 Professional Selling (3)
  - QMB 3200 Quantitative Methods for Business Decisions (3)
  - RMI 3011 Risk Management/Insurance (3)

Major Area Requirements

All management majors must complete six courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the general management major area requirements.

- MAN 4301 Human Resource Management (3)
- MAN 4701 Business and Society (3)
- MAN 4752 Competitive Dynamics (3)
- Plus three electives from the following list of courses:
  - MAN 4143 Contemporary Leadership Challenges (3)
  - MAN 4401 Management of Labor and Industrial Relations (3)
  - MAN 4441 Negotiation and Conflict Management (3)
  - MAN 4605 Cross Cultural Management (3)
  - MAN 4930r Special Studies in Business (3)
  - MAN 4941 Field Study in Management (3)

Requirements for a Major in Human Resource Management

All students must complete:
1. The University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin.
2. The state of Florida common prerequisites for human resource management majors.
3. At least sixty semester hours of courses in non-business disciplines.
4. The general business core requirements for human resource management majors.
5. The general business breadth requirements for human resource management majors.
6. 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 for the AACSB accredited business programs in 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 courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal and Ethical 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 three 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 two electives from the following list of courses:
  - BUL 3310 The Legal and Ethical Environment of Business (3)
  - 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 3600 Multinational Business Operations (3)
  - MAR 3400 Professional Selling (3)
  - QMB 3200 Quantitative Methods for Business Decisions (3)
  - RMI 3011 Risk Management/Insurance (3)

Major Area Requirements

All human resource management majors must complete five courses as listed below. A grade of “C–” or better must be earned in each course used to satisfy the human resource management major area requirements.

- MAN 4301 Human Resource Management (3)
- MAN 4320 Staffing (3)
- MAN 4390 Current Issues in Human Resource Management (3)
- Plus two electives from the following list of courses:
  - MAN 4350 Training and Development (3)
  - MAN 4401 Management of Labor and Industrial Relations (3)
  - MAN 4441 Negotiation and Conflict Management (3)
  - MAN 4605 Cross Cultural Management (3)
  - MAN 4941 Field Study in Management (3)
  - RMI 4135 Employee Benefit Plans (3)

Requirements for a Major in Management Information Systems

All students must complete: (1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; (2) the state of Florida common prerequisites for management information systems majors; (3) at least sixty semester hours of courses in non-business disciplines; (4) the general business core requirements for management information systems majors; (5) the general business breadth requirements for management information systems majors; and (6) the major area requirements for management information systems majors.

Note: To be eligible to pursue a management information systems major, students must meet the admission requirements for the AACSB accredited business programs in the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All management information systems majors must complete the following five courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal Environment of Business (3)
- FIN 3403 Financial Management of the Firm (3)
- GEB 3213 Business Communications (3)
- MAN 3240 Organizational Behavior (3)
- MAR 3023 Basic Marketing Concepts (3)
General Business Breadth Requirements
All management information systems majors must complete three 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 two 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 3600 Multinational Business Operations (3)
MAR 3400 Professional Selling (3)
QMB 3200 Quantitative Methods for Business Decisions (3)
REE 3043 Real Estate (3)
RMI 3111 Risk Management/Insurance (3)

Major Area Requirements
All management information systems (MIS) majors must complete six courses as listed below. Due to the dynamic nature of the MIS field, all students should verify the current MIS major requirements with the MIS undergraduate adviser upon entry to the major. A grade of “C–” or better must be earned in each course used to satisfy the MIS major area requirements. In all cases, prerequisites to courses must be completed with a grade of “C–” or better before subsequent courses may be entered.

ISM 4113 Management Information Systems Analysis and Design (3)
ISM 4212 Information for Operating Control and Data Management (3)
ISM 4220 Information and Communications Systems Management (3)
Plus three (3) electives from the following list of courses including at least one programming course indicated with an asterisk below:
*CGS 3406 Object-Oriented Programming in C++ (3)
*CGS 3416 Java Programming for Non-Specialists (3)
*COP 3014 Programming I (3)
*COP 3223 Introduction to Programming with the C Language (3)
*COP 4125 Advanced Application Development (3)
ISM 4117 Decision Support and Expert Systems Management (3)
ISM 4300 Technology Management (3)
ISM 4314 Project Management (3)
ISM 4482 Mobile Technology (3)
ISM 4930r Special Topics in MIS (3)

Definition of Prefixes
COP—Computer Programming
GEB—General Business
ISM—Information Systems Management
MAN—Management

Undergraduate Courses
COP 4125. Advanced Application Development (3). Prerequisite: CGS 2100. 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.

GEB 1030. Introduction to Careers in Business (3), (S/U grade only.) This course is designed for freshman and sophomore students who intend to major in business. Career options in various business disciplines are described. Appropriate personal characteristics and skills required for a successful business career are discussed.

GEB 3213. Business Communications (3). Prerequisite: Upper-division business major. This course is designed to help business students develop the writing, verbal, and interpersonal skills that are necessary for a successful business career.

GEB 4941r. Business Internship (0–6), (S/U grade only.) Prerequisite: Instructor permission. This business internship is designed for College of Business students who desire to gain real-world experience in the accounting field through on-the-job practice. Students work under the direction of an approved industry professional, a faculty advisor, and the internship director. May be repeated to a maximum of six semester hours.

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. Introduction to Management Information Systems (3). Prerequisite: CGS 2100. This course is an introduction to management information systems concepts, with emphasis on describing information requirements, managing information resources, and applying information processing technology to business and management.

ISM 4113. Management Information Systems Analysis and Design (3). This course is a depth treatment of the theory and practice of management information systems including information requirements analysis, design methodology, and system implementation considerations. For MIS majors only.

ISM 4117. Decision Support and Expert Systems Management (3). Prerequisite: ISM 4212. This course examines the design, development, implementation, and management of decision support and expert systems; includes concepts of data management, modeling, decision support systems, and decision making. For MIS majors only.

ISM 4212. Information for Operating Control and Data Management (3). Prerequisite: ISM 4113. This course covers the theory, techniques, and applications of information management and control including organizations as information-processing systems and executive support systems. For MIS majors only.

ISM 4220. Information and Communications Systems Management (3). Prerequisite: ISM 4113. This course is an introduction to the design, operation, and management of telecommunications systems including electronic data interchange, office support, transborder information flow, and management support for networking. For MIS majors only.

ISM 4300. Technology Management (3). Prerequisite: ISM 4212. This course focuses on the strategy and theory of the creation, development, introduction, management, and marketing of new technologies and services. Management of the appropriate technological environment of an organization is emphasized. Concepts and approaches to e-commerce and e-business.

ISM 4314. Project Management (3). Prerequisite: ISM 4113. This course covers the fundamental knowledge areas related to successful project management. Topics include project selection and initiation, work breakdown structure and scope management, scheduling, budgeting and cost analysis, quality control, project communication plans, project risk analysis, resource leveling, and procurement issues.

ISM 4482. Mobile Technology Management (3). This course explores factors related to the management of the design, implementation, and installation of applications on mobile devices. Topics cover issues related to platform size (such as memory, power, screen brightness, and sound capability), implications of connectivity and security problems, as well as business opportunities that become available through the use of mobile technology.

ISM 4905r. Directed Individual Study (1–3). May be repeated to twelve semester hours.

ISM 4930r. Special Topics in Management Information Systems (1–3). This course provides an opportunity to study current issues in management information systems and topics not covered in other courses. May be repeated to a maximum of nine semester hours as content varies. Prerequisites will vary depending on the topic of the course; refer to department for details.

ISM 4941. Field Study in Management Information Systems (1–3), (S/U grade only.) Prerequisite: Instructor permission. This course provides students with learning opportunities in organizational management information systems available in existing MIS courses. No more than three hours credit allowed in a semester. May be repeated to a maximum of six semester hours.

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

MAN 3025. Concepts of Management (3). This course introduces 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). This course covers behavioral concepts, techniques, and applications for managing human resources in all types of organizations.

MAN 3350. Cooperative Education/Work Experience (0). (S/U grade only.) Prerequisite: Instructor permission. This non-credit, experiential learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center. May be repeated.

MAN 4143. Contemporary Leadership Challenges (3). Prerequisite: MAN 3240. This course provides broad exposure to the theories and practice of effective leadership and supervision in today’s business and explores contemporary leadership challenges from a practical point of view, with opportunities to develop and practice effective leadership skills.

MAN 4201. Organizational Analysis and Change (3). Prerequisite: MAN 3240. This course covers the analysis of concepts and processes for effecting change in organizations.

MAN 4301. Human Resource Management (3). Prerequisite: MAN 3240. This course is a survey of the human resource management function in organizations. Topics include: selection, recruiting, training, compensation, and performance appraisal.

MAN 4320. Staffing (3). Prerequisites: MAN 3240 and MAN 4301. This course is a study of the design and operation of systems for employee recruitment and selection, including current practice and issues.

MAN 4330. Compensation (3). Prerequisites: MAN 3240 and MAN 4301. This course is a 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 and MAN 4301. This course is a study of the various forms of training and development and their implementation both on and off the job.

MAN 4390. Current Issues in Human Resource Management (3). Prerequisites: MAN 3240 and MAN 4301. This course is a seminar that probes current topics in human resource management in depth. Emphasis is on the impact of recent legal and societal developments on human resource management practice.

MAN 4401. Management of Labor and Industrial Relations (3). Corerequisite: MAN 3240. This course covers a managerial perspective of labor and manpower concepts and issues in industrial and postindustrial society and work organizations.
MAN 4441. Negotiation and Conflict Management (3). Prerequisite: MAN 3240. This course focuses on negotiation and conflict management in business and other organizational settings. The emphasis is on gaining an understanding of the negotiation process and strategies and developing effective negotiation and conflict management skills.

MAN 4605. Cross-Cultural Management (3). Prerequisite: MAN 3240. This course studies the unique issues of managing in non-native culture. Discusses management situations where members of more than one cultural group are included, along with strategies for maximum effectiveness in such situations.

MAN 4631. International Strategic Management (3). Prerequisites: ECO 2013, ECO 2023, and MAN 3600. This course focuses on the international dimensions of strategic management, including environmental and political issues affecting global competition. Special emphasis is given to the multinational enterprise and strategic options available for effective worldwide competitive advantage.

MAN 4680r. Explorations in International Management (3). Prerequisites: ECO 2013, ECO 2023, and MAN 3600. This course covers selected topics in international management which vary depending upon the instructor for the course. Topics such as cultural influences on management, international personnel management, and other related management topics are discussed. May be repeated to a maximum of six semester hours.

MAN 4701. Business and Society (3). Prerequisite: MAN 3240. This course is an examination of current and future issues in business and society with emphasis on the social responsibility of business and future challenges for business in a pluralistic society.

MAN 4720. Strategic Management and Business Policy (3). Prerequisites: FIN 3403, MAN 3240, and MAR 3023. This course is a case analysis of business and management problems for the formulation of managerial strategies and policies.

MAN 4752. Competitive Dynamics (3). Prerequisite: MAN 4720. This course applies the tools and concepts acquired in other business and management courses in a hands-on business simulation of competitive dynamics with an eye toward contemporary, emerging competitive issues confronting business senior executives and owners.

MAN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine semester hours.

MAN 4930r. Special Studies in Business (1–3). Prerequisite: Instructor permission. May be repeated to a maximum of nine semester hours as topics vary.

MAN 4941. Field Study in Management (1–3). (S/U grade only.) Prerequisite: Instructor permission. This course provides students 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 semester hours. Six semester hours of thesis are required to complete honors in the major.

### Graduate Courses

**GEB**

- **GEB 5944r.** Graduate Internship (1-6). (S/U grade only.)

**ISM**

- **ISM 5021.** Information and Technology Management (3).
- **ISM 5046.** Social and Organizational Issues in MIS (3).
- **ISM 5118.** Advanced Systems Analysis and Design (3).
- **ISM 5123.** Information Systems Analysis and Design (3).
- **ISM 5159.** Global Information Systems (3).
- **ISM 5206.** Database Development and Management (3).
- **ISM 5207.** Advanced Database Management (3).
- **ISM 5226.** Network Development and Management (3).
- **ISM 5227.** Advanced Telecommunications Management (3).
- **ISM 5315.** Project Management (3).
- **ISM 5316.** Advanced Project Management (3).
- **ISM 5327.** Corporate Information Security (3).
- **ISM 5404.** Business Intelligence (3).
- **ISM 5428.** Knowledge Management (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 5933r.** 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).
- **MAN 5245.** Organizational Behavior (1–4).
- **MAN 5305.** Personnel/Human Resource Management (3).
- **MAN 5721.** Strategy and Business Policy (1–4).
- **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 coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
6. the major area requirements for marketing majors

Note: To be eligible to pursue a major in marketing, students must meet the admission requirements for the AACSB accredited business programs in 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 courses. A grade of “C–” or better must be earned in each course.

BUL 3310 The Legal and Ethical Environment of Business (3).
FIN 3403 Financial Management of the Firm (3).
GEB 3213 Business Communications (3).
MAN 3240 Organizational Behavior (3).
MAR 3023 Basic Marketing Concepts (3).

General Business Breadth Requirements

All marketing majors must complete three 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 marketing major area requirements.

ISM 3003 Foundations of Management Information Systems (3).
QMB 3200 Quantitative Methods for Business Decisions (3).
Plus one elective from the following list of courses:
HFT 3240 Managing Service Organizations (3).
MAN 3600 Multinational Business Operations (3).
MAR 4720 Strategic Management and Business Policy (3).
MAR 3400 Professional Selling (3).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Major Area Requirements

All marketing majors must complete six 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 marketing major area requirements and part of the general business breadth requirements.

MAR 3503 Consumer Behavior (3).
MAN 3504 Service Operations Management (3).
MAR 4613 Marketing Research (3).
Plus three electives from the following list of courses:
MAN 3600 Multinational Business Operations (3).
MAR 3231 Retailing Management (3).
MAR 3323 Promotional Management (3).
MAR 3400 Professional Selling (3).
MAR 3461 Principles of Purchasing (3).
MAR 3711 Sports, Recreation, and Entertainment Marketing (3).
MAR 4156 Multinational Marketing (3).
MAR 4203 Logistics and Supply Chain Management (3).
MAR 4462 Seminar in Purchasing/Materials Management (3).
MAR 4614 Advanced Marketing Research (3).
MAR 4717 Strategic Sports Marketing (3).
MAR 4721 Electronic Marketing (3).
MAR 4841 Services Marketing (3).
MAR 4939 Marketing Seminar (3).
MAR 4941 Marketing Internship (3).
Alternate Electives: As an alternative to electives offered within the Marketing Department, students may choose up to one of these courses and have it count as an elective within the marketing major:
ADV 3008 Principles of Advertising (3).
ADV 3410 Hispanic Marketing Communication (3).
PUR 3000 Introduction to Public Relations (3).
SPC 4540 Persuasion (3).

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. at least sixty semester hours of courses in non-business disciplines
4. the general business core requirements for marketing majors
5. the general business breadth requirements for marketing majors

Requirements for a Major in Professional Sales

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 professional sales majors

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 and professional sales satisfy this requirement by earning a grade of “C–” or higher in CGS 2100 (state mandated business prerequisite requirement) or CGS 2518.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Material for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021 or ACG X022, or ACG X001 and ACG X011
2. ACG X071 or ACG X301
3. CGS X100 (or demonstrated competency) or CGS X100C or CGS X530 or CGS X570 or CGS X600 or CGS X531 or CGS X000 or ISM X000 or CGS X518
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X203 or STA X122 or QMB X100

Department of MARKETING

COLLEGE OF BUSINESS

Web Page: http://cob.fsu.edu/mar/

Chair: Michael Brady; Professors: Brady, Brusco, Cronin, Donwas, Giunipero, Goldsmith, Hartline, Hofacker, Knight; Associate Professors: Kim, Lee; Assistant Professors: Andrews, Bolander, Bonney, Peloza, Smith; Research Associate: Larsen; Associate in Marketing: Pallentino; John R. Kerr Research Chair in Marketing: Cronin; Richard M. Baker Professor of Marketing: Goldsmith; Carl DeSantis Professors of Business Administration: Brady, Hofacker; Charles A. Bruning Professor of Business Administration: Hartline; Synovus Professor of Business Administration: Brusco

The curriculum prepares students for successful careers in both the public and private sectors. Courses are oriented toward: (1) problem solving and management decision making; (2) providing knowledge of the tools, types of organization, and institutions utilized in performing marketing activities; and (3) developing the ability to plan and implement marketing policy, strategy, and procedures. Consistent with their interests and career goals, students may choose to major in either marketing or professional sales within the marketing degree program.

The curriculum includes qualitative and quantitative elements with an emphasis on the successful deployment of marketing strategies, especially among the service sector enterprises that dominate our state and national economies. The curriculum is designed to impart knowledge and competence in marketing that will enable graduates to (1) progress well in the early stages of their careers; (2) analyze, plan, organize, coordinate, and control marketing activities; (3) think analytically and respond creatively; (4) communicate effectively; and (5) gain broad perspectives essential to the attainment of top management responsibilities.

Florida State University 2012-13 General Bulletin Undergraduate Edition

MARKETING

College of Business

Web Page: http://cob.fsu.edu/mar/

Chair: Michael Brady; Professors: Brady, Brusco, Cronin, Donwas, Giunipero, Goldsmith, Hartline, Hofacker, Knight; Associate Professors: Kim, Lee; Assistant Professors: Andrews, Bolander, Bonney, Peloza, Smith; Research Associate: Larsen; Associate in Marketing: Pallentino; John R. Kerr Research Chair in Marketing: Cronin; Richard M. Baker Professor of Marketing: Goldsmith; Carl DeSantis Professors of Business Administration: Brady, Hofacker; Charles A. Bruning Professor of Business Administration: Hartline; Synovus Professor of Business Administration: Brusco

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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 and professional sales satisfy this requirement by earning a grade of “C–” or higher in CGS 2100 (state mandated business prerequisite requirement) or CGS 2518.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Material for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. ACG X021 or ACG X022, or ACG X001 and ACG X011
2. ACG X071 or ACG X301
3. CGS X100 (or demonstrated competency) or CGS X100C or CGS X530 or CGS X570 or CGS X600 or CGS X531 or CGS X000 or ISM X000 or CGS X518
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X203 or STA X122 or QMB X100

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. at least sixty semester hours of courses in non-business disciplines
4. the general business core requirements for marketing majors
5. the general business breadth requirements for marketing majors

Prerequisite: MAR 3023. This course acquaints
6. the major area requirements for professional sales majors.

Note: To be eligible to pursue a major in professional sales, students must meet the admission requirements for the AACSB accredited business programs in 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 sales majors must complete the following five courses. A grade of “C-” or better must be earned in each course.

- BUL 3310 The Legal and Ethical 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 sales majors must complete three 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 professional sales major area requirements.

- MAR 3400 Professional Selling (3).
- QMB 3200 Quantitative Methods for Business Decisions (3).
- Plus one elective from the following list of courses:
  - HFT 3240 Managing Service Organizations (3).
  - ISM 3003 Foundations of Management Information Systems (3).
  - MAN 3600 Multinational Business Operations (3).
  - MAN 4720 Strategic Management and Business Policy (3).
  - REE 3043 Real Estate (3).
  - RMI 3011 Risk Management/Insurance (3).

Major Area Requirements
All professional sales majors must complete six courses as listed below. A grade of “C-” or better must be earned in each course used to satisfy the professional sales major area requirements. No course may be used to satisfy part of the professional sales major area requirements and part of the general business breadth requirements.

- MAR 4403 Sales Management (3).
- MAR 4415 Advanced Sales Techniques (3).
- MAR 4613 Marketing Research (3).
- MAR 4946 Professional Sales Pracicum (3).
- Plus two electives from the following list of courses:
  - MAN 3600 Multinational Business Operations (3).
  - MAR 3231 Retailing Management (3).
  - MAR 3323 Promotional Management (3).
  - MAR 3461 Principles of Purchasing (3).
  - MAR 3711 Sports, Recreation, and Entertainment Marketing (3).
  - MAR 4156 Multinational Marketing (3).
  - MAR 4203 Logistics and Supply Chain Management (3).
  - MAR 4462 Seminar in Purchasing/Materials Management (3).
  - MAR 4614 Advanced Marketing Research (3).
  - MAR 4717 Strategic Sports Marketing (3).
  - MAR 4721 Electronic Marketing (3).
  - MAR 4841 Services Marketing (3).
  - MAR 4939r Marketing Seminar (3).

Alternative Electives: As an alternative to electives offered within the Marketing Department, students may choose up to one of these courses and have it count as an elective within the professional sales major:

- MAN 4301 Human Resource Management (3).
- MAN 4441 Negotiation and Conflict Management (3).
- SPC 3350 Listening (3).
- SPC 4540 Persuasion (3).

Definition of Prefixes
GEB—General Business

MAN—Management
MAR—Marketing
QMB—Quantitative Methods in Business

Undergraduate Courses

- MAN 3504. Service Operations Management (3). Prerequisites: CGS 2100 and QMB 3200. This course covers methodology and theory of the design and management of productive systems, especially in the services industry. Includes quantitative techniques and procedures for process analysis.
- MAR 3023. Basic Marketing Concepts (3). Prerequisites: ECO 2023 and one behavioral science course. This course is a required prerequisite for all marketing courses. Gives the student an understanding of the decision area and the ability to utilize marketing concepts to make business decisions.
- MAR 3231. Retailing Management (3). Prerequisite: MAR 3023. This course is an intensive training in the rudiments of retail operations.
- MAR 3323. Promotional Management (3). Prerequisite: MAR 3023. This course focuses on issues related to management of promotional tools including advertising, personal selling, sales promotion, public relations, and publicity.
- MAR 3400. Professional Selling (3). Corequisite: MAR 3023. This course addresses the application of behavioral and persuasive communication theories, as well as the techniques necessary to develop effective personal selling skills within organizations.
- MAR 3461. Principles of Purchasing (3). Prerequisite: MAR 3023. This course is an introduction to the concepts, principles, and techniques of purchasing physical resources for all types of organizations.
- MAR 3503. Consumer Behavior (3). Prerequisite: MAR 3023. This course acquaints the student with the fundamental theories from the behavioral sciences as applied to the consumer decision-making process.
- 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 and MAN 3600. This course introduces the student to marketing management decision making in international environments through the use of cases and business games.
- MAR 4203. Logistics and Supply Chain Management (3). Prerequisites: MAR 3023 and 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). Prerequisites: MAR 3023 and MAR 3400. This course exposes the student to concepts, activities, and analysis pertaining to sales and the management of the sales force.
- MAR 4415. Advanced Sales Techniques (3). Prerequisites: MAR 3023 and MAR 3400. This course builds upon and enhances student skills and knowledge developed in the basic professional selling course. Focus is on using a strategic and consultative sales model to develop, manage, and deliver realistic sales presentations.
- MAR 4462. Seminar in Purchasing/Materials Management (3). Prerequisite: MAR 3461. This course covers 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 and QMB 3200. This course examines marketing research as an information-providing activity for the purpose of management decision making.
- MAR 4614. Advanced Marketing Research (3). Prerequisite: MAR 4613. This course provides experience in designing and conducting actual marketing research studies.
- MAR 4717. Strategic Sports Marketing (3). Prerequisites: MAR 3023 and MAR 3711. This course enables students to conduct strategic analyses relating to the marketing of sports. Topics include a wide range of issues within the realm of professional sports, in an interactive seminar and a workshop-like environment.
- MAR 4721. Electronic Marketing (3). Prerequisite: MAR 3023. This course examines Internet communication, direct sales through electronic commerce, as well as Internet-based promotional communications.
- MAR 4841. Services Marketing (3). Prerequisite: MAR 3023. This course examines marketing in the service industries with particular emphasis on unique aspects 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 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.
- MAR 4939r. Marketing Seminar (3). Prerequisite: MAR 3023. This course covers various topics taught by different instructors each semester. May be repeated to a maximum of six semester hours.
- MAR 4941. Marketing Internship (3). Prerequisite: MAR 3023 and six hours of additional coursework in Marketing. Consent of internship director and faculty adviser required. This course is a marketing internship designed for marketing majors who want to gain real world experience in the marketing field through on-the-job practice. Students work under the direction of an approved industry professional, a faculty adviser and the internship director.
MAR 4946. Professional Sales Practicum (3). Prerequisites: MAR 3023, MAR 3400, and one other sales course; Consent of internship director or sales program director. This course is designed for Professional Sales majors who want to gain real-world experience through one of three options: (1) on the job practice, i.e., a sales internship, (2) strategic account management, i.e., a faculty-directed study of sales research techniques, or (3) a professional sales competition, with the permission of the sales program director.

MAR 4970r. Honors Thesis (3). Prerequisites: MAR 3023 and admission to the honors-in-the-major program. May be repeated to a maximum of six semester hours. Six semester hours of thesis are required to complete honors in the major.

QMB 4700. Operations Research for Managerial Decisions (3). Prerequisite: MAN 3504. This course consists of quantitative analysis of 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).
MAR 5107. Business Ethics and Social Responsibility (3).
MAR 5125. Marketing Strategy in the Global Environment (3).
MAR 5336. Strategic Corporate Communication (3).
MAR 5408. Sales Leadership (3).
MAR 5409. Business-to-Business Sales and Marketing (3).
MAR 5416. Strategic Sales Force Management (3).
MAR 5465. Purchasing and Supply Chain Management (3).
MAR 5466. Supply Chain II: Seminar in Customer Relations (4).
MAR 5505. Consumer Behavior (3).
MAR 5625. Marketing Research and Analytics (3).
MAR 5726. Electronic Business in Supply Chain Marketing (3).
MAR 5816. Marketing Strategy (3).
MAR 5818. Corporate Affairs Management (3).
MAR 5861. Customer Relationship Management (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 6506. Seminar in Consumer Behavior Methods (3).
MAR 6575. Seminar in Marketing: Selected Topics in Consumer Behavior (3).
MAR 6658. Quantitative Methods II: Psychometric and Econometric Approaches to Marketing (3).
MAR 6665. Seminar in Marketing Models (3).
MAR 6817. Seminar in Marketing Management (3).
MAR 6828. Seminar in Marketing: Elements and Integration of Marketing Strategy (3).
MAR 6918r. Supervised Research (1–3). (S/U grade only.)
MAR 6919r. Supervised Teaching (1–3). (S/U grade only.)
MAR 6979. Seminar in Marketing: Research Methodology (3).
QMB 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 coursework for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.
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, biomathematics, 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 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 one grade below a “C−” (including grades of U) in the calculus sequence MAC 2311, MAC 2312, MAC 2313 at Florida State University or elsewhere, whether repeated or not, will not be permitted to continue as a major in the department. A student who has accumulated more than five grades below “C−” (including grades of U) in any mathematics or collateral course required for the degree 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. The collateral courses include COP 3014 or ISC 3313, PHY 2048C, STA 4321 for all options. For biomathematics, it includes the collateral biology, chemistry, and physics. For actuarial science, it includes the collateral courses with prefixes ACG, ECO, FIN, RMI, or STA. For FSU-Teach, it includes the collateral coursework with prefixes BSC, HIS, MAT, RED, SMT, or TSL.

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 actuarial science, applied mathematics, biomathematics, mathematics, and mathematicsfSU-Teach satisfy this requirement by earning a grade of “C−” or higher in COP 3014 or ISC 3313.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

Mathematics
1. COP XXXX: one scientific programming course for three credit hours designed for computer science majors
2. MAC X311
3. MAC X312
4. MAC X313
5. BSC XXXX/XXXXL or CHM XXXX/XXXXL or PHY XXXX/ XXXXL or PHY XXXX/XXXXL: one laboratory based science course for four credit hours designed for science majors
6. MAP X302
Note: A “C” grade or better in all coursework is required for admission.

Actuarial Science
1. COP XXXX: one scientific programming course for three credit hours designed for computer science majors
2. ECO X013
3. ECO X023
4. MAC X311
5. MAC X312
6. MAC X313

Note: A “C” grade or better in all coursework is required for admission.

FSU-Teach Mathematics
1. COP XXXX: one scientific programming course for three credit hours designed for computer science majors
2. MAC X311
3. MAC X312
4. MAC X313
5. BSC XXXX/XXXXL or CHM XXXX/XXXXL or PHY XXXX/ XXXXL or GLY XXXX/XXXXL: one laboratory based science course for four credit hours designed for science majors
6. MAP X302
7. SMT X043
8. SMT X053
Note: A “C” grade or better in all coursework is required for admission. Transfer students will be able to take SMT X043 and SMT X053 when admitted to upper division.

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 coursework 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 program 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.

In order to obtain final graduation clearance from the Department of Mathematics, all majors must complete an exit survey.

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.

FSU-Teach Program in Teaching Mathematics

For those interested in teaching mathematics, FSU-Teach is an innovative approach to teacher education that involves collaboration between scientists, mathematicians and education faculty at Florida State University. In FSU-Teach, students will develop deep science or mathematics knowledge and the knowledge, skill, and experience needed to be an effective science or math teacher. The program will pay for tuition for the first two courses, and work study positions with scientists, mathematicians and local schools are available. For more information, see our Web site: http://FSU-Teach.fsu.edu.

Second Majors

Students may double major in actuarial science and any of the four mathematics majors (pure, applied/computational, biomedical or Math/FSU-Teach) 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 semester hours in courses with prefixes MAA, MAC, MAD, MAP, MAS, MAT, MGF, MIF, 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 COP 3014 or ISC 3313 to satisfy both those requirements, although the former may be shown by courses in C, C++, FORTRAN, Java, or another approved higher-level language. STA 4321 is required. Representative requirements for the four 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 program prerequisites and the courses above, the student will complete PHY 2048C or some other approved calculus-based natural or social science course and will complete the courses MAS 4302; MAA 4224 or 4226; and four of the following, of which at least two must be at the 4000 level: MAA 4227, 4402; MAD 2104; 3105, 3703, 4704; MAP 4103, 4153, 4180, 4202, 4216, 4303; MAS 4106, 4203, 4303; MAT 4341; MAA 3301; MIF 4302, MTG 4302. At least one of the sequences following, or an approved substitution, must be included: MAA 4226-4227, MAA 4402 and MTG 4302, MAD 3703-4704, MAP 4341-4342, or MAS 4302-4303. 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 Applied Mathematics.** In addition to the state of Florida common program prerequisites and the courses above, the student will complete PHY 2048C (PHY 2049C is highly recommended) and the courses MAD 3703; MAP 4103 and 4341; and three of the following: MAA 4224 or 4226, 4227, 4402; MAD 4704; MAP 4153, 4180, 4202, 4216, 4342; MAS 4106; MAT 4934.

**Major in Biomathematics.** This modern 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 program prerequisites, the student will complete collateral science courses including BSC 2010, 2010L, 2011; CHM 1045C, 1045L; PHY 2048C or 2053C; and at least one upper-division course on a list of such courses, typically PCB 3063. No additional minor is required. MAP 2480 and MAP 4481 are required, along with 4000-level courses from a list of approved courses. Students should consult the departmental office or the Web site for exact requirements.

**Major in Mathematics/FSU-Teach.** A new mathematics major for students in the FSU-Teach program. In addition to what was mentioned above (i.e. the state of Florida common program prerequisites, COP 3014, MAP 2302, MAS 3105, and STA 3211), the student will complete PHY 2048C and a course in each of four mathematical areas of Analysis, Algebra, Geometry and Modeling and two additional electives (one of the 3000 level or above). The courses acceptable for each mathematical area are: for Algebra: MAS 3301, MAS 4203 or MAS 4302; for Analysis: MAA 4402, MAA 4224 or MAA 4226; for Geometry: MTG 4212; for Modeling: MAP 4103, MAP 4175, MAP 4180 or MAP 4481; and for electives: MAA 4227, MAD 2104, MAD 3105, MAA 4170, MAP 4153, MAP 4202, MAP 4216, MAP 4341, MAS 4106, MAS 4303, MGF 3301, MIF 4302, MTG 4302 or additional courses from the Algebra, Analysis, Geometry, and/or Modeling groups. The FSU-Teach educational courses are a collateral major and can count as the minor for the Mathematics/FSU-Teach option.

**Note:** In order to obtain final graduation clearance from the Department of Mathematics, all majors must complete an exit survey.

Baccalaureate Degree in Actuarial Science

In addition to the state of Florida common program prerequisites, there are interdisciplinary degree requirements. Representative requirements include: MAP 4170, 4175, COP 3014 or equivalent; and four repetitions of actuarial tutorial MAT 4930r. STA 4321 is required.

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 courses from three course groups. Students must complete:

1. Two courses chosen from MAP 2302, MAP 4176, and MAS 3105.
2. At least one course chosen from MAA 4224, 4226, 4227; MAD 3703; MAP 4341; MAS 4106; STA 4203, 4322, 4853.
3. At least one 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 departmental office. The required computer science, physics, and statistics courses are collateral and may be counted toward a minor in the appropriate department.

**Prerequisite Courses**

Before taking any mathematics course, the student must complete with a grade of “C–” or better each course prerequisite to that course. Moreover, a student who earns a “C–” or better in a course with one or more stated or implied prerequisites may not subsequently earn credit in the prerequisite course(s). For example, a student who has earned a “C–” or better in MAC 2312 may not subsequently enroll in MAC 1105, 1114, 1140, or 2311.

**Credit Note 1.** In exception to the preceding paragraph, a transfer student may take MAC 1105 for credit even though the student has a “C–” or better in 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 2333 after MAC 2311; MAC 2223 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 4224.** Introduction to Analysis I (3). Prerequisites: MAC 2313, MAS 3105, and prior experience with mathematical proofs (MGF 3301, MAD 2104 or other proving experience). Not open to students with credit in MAA 4226. 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. Students intending graduate study in mathematics should take MAA 4226.

**MAA 4226.** Advanced Calculus I (3). Prerequisites: MAC 2313, MAS 3105, and prior experience with mathematical proofs (MGF 3301, MAD 2104 or other proving experience). Functions, sequences, limits; continuity, uniform continuity; differentiation; integration; convergence, uniform convergence. For strong students with adviser approval only.

**MAA 4227.** Advanced Calculus II (3). Prerequisite: MAA 4226. This course is a continuation of MAA 4226.

**MAA 4402.** Complex Variables (3). Prerequisite: MAA 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.

**MAA 4934r.** Topics in Analysis I-3. Prerequisite: Instructor permission. Special topics course. May be repeated to a maximum of twelve semester hours. May be repeated within the same semester.

**MAC 1105.** College Algebra (3). Prerequisite: MAT 1033 with a grade of “C–” or better or a suitable mathematics examination 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 1114.** Analytic Trigonometry (2). Prerequisite: MAC 1105. Trigonometric functions, inverse trigonometric functions and their graphs; identities and conditional equations; solution of triangles; complex numbers; DeMoivre’s theorem and nth roots; introduction to plane vectors.
MAC 1140. Precalculus Algebra (3). Prerequisite: MAC 1105 or suitable mathematics examination placement score. May be taken concurrently with MAC 1141. The course covers functions, including polynomial, rational, exponential, and logarithmic functions; systems of equations; solution of linear systems, matrix methods; determinants; sequences and series, induction; and the binomial theorem. The course also explores applications, approximation, and methods of proof.

MAC 1147. Precalculus Algebra/Trigonometry (5). Prerequisite: MAC 1105 or suitable mathematics examination placement score. Credit must be reduced to four hours for students who took MAC 1141 and received a grade of “C-” or better. This is a one-semester course encompassing the topics of MAC 1140 (Precalculus Algebra) and MAC 1141 (Analytic Trigonometry). See the topics for MAC 1140 and MAC 1141.

MAC 2233. Calculus for Business (3). Prerequisites: Suitable mathematics examination placement score or MAC 1105 or MAC 1140 or the former MAC 1141. Not open to students who have credit for MAC 2311. Limits, continuity, first and higher derivatives, and the differential, with applications to graphing, rates of change, and optimization methods; techniques of integration and applications; multivariable calculus. No credit will be given for MAC 2233 if the student has credit for MAC 2311.

MAC 2311. Calculus with Analytic Geometry I (4). Prerequisites: MAC 1147; or MAC 1140 and MAC 1141 or MAC 1144; or suitable mathematics examination placement score. 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 suitable mathematics examination placement score. Techniques of integration; applications of integration; sequences and series; differential equations. This course must be taken for reduced credit by students with prior credit for some of the content.

MAC 2313. Calculus with Analytic Geometry III (5). Prerequisite: MAC 2312. Functions of several variables and their graphical representations; vectors; partial derivatives and gradients; optimization; multiple integration; polar, spherical, and cylindrical coordinate systems; line and surface integrals; Green’s theorem; divergence theorem; and Stokes’ theorem. This course must be taken for reduced credit by students with prior credit for some of the content.

MAD 1204. Discrete Mathematics I (3). Prerequisite: MAD 3105 and COP 3014 and MAC 1140. Recommended prerequisite: MAC 2101. Techniques of definition and logical argument; sets and functions, propositional logic, introduction to graphs and relations, and applications.

MAD 3105. Discrete Mathematics II (3). Prerequisite: MAD 2104. Recommended prerequisite: MAD 2101. Techniques of definition and logical argument, graphs and digraphs, relations, Boolean algebra, and applications.

MAD 3703. Numerical Analysis I (3). Prerequisite: MAC 2312 and competence in a programming language suitable for numeric computations, such as C, C++, FORTRAN, JAV A, or PASCAL. This course covers root finding, interpolation and polynomial approximation, numerical differentiation and integration, direct and iterative methods for systems of linear equations.


MAP 4103. Mathematical Modeling (3). (S/U grade only.) Prerequisites: MAP 2302, MAS 3105, and PHY 2040C. Application of mathematics to real life situations. An introduction to the 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. Subject to notation and content of MAC 2313.

MAP 4170. Introduction to Actuarial Mathematics (4). Prerequisite: MAP 2312. Amount function, dollar-weighted and time-weighted rates, force of interest; special annuity types, bonds, capitalization, and applications. Yield curves, spot rates, forward rates, duration, convexity, and immunization and additional financial concepts.

MAP 4175. Actuarial Models (4). Prerequisite: MAP 4170. Corequisite: STA 4321. This course covers basic actuarial models, including life insurance models and principles of multiple decrement models, with emphasis on the calculation of policy premium.


MAP 4202. Optimization (3). Prerequisites: MAC 2313, MAD 3703, and MAS 3105. Linear programming, unconstrained optimization, searching strategies, equality and inequality constrained problems.

MAP 4216. Calculus of Variations (3). Prerequisites: MAP 2302 and MAA 2426 or MAA 4424 or MAA 4426 or MAC 3305. This course covers fundamental problems, weak and strong extrema, necessary and sufficient conditions, Hamilton-Jacobi theory, dynamic programming, control theory and Pontryagins maximum principle.

MAP 4341. Elementary Partial Differential Equations I (3). Prerequisites: MAC 2313 and MAP 2302 or MAP 3305. This course covers separation of variables, Fourier Series, Sturm-Liouville problems, multidimensional initial boundary value problems, nonhomogeneous problems, Bessel functions, and Legendre polynomials.

MAP 4342. Elementary Partial Differential Equations II (3). Prerequisite: MAP 4341. Solution of first-order quasi-linear partial differential equations, classification and reduction to normal form of linear second-order equations, Green’s function, infinite domain problems, the wave equation, radiation condition, spherical harmonics.


MAP 4934. Topics in Applied Mathematics (1-3). Prerequisite: Instructor permission. Special topics course. May be repeated to a maximum of twelve semester hours.


MAS 3301. Introduction to Modern Algebra (3). Prerequisites: MAC 2312 and MAS 3105. Groups, permutations and symmetries, rings, integral domains, properties of the integer modular systems, and finite order groups. Numbers. Mathematics majors other than FSU-Teach must pass MAS 3301.


MAS 4203. Theory of Numbers (3). Prerequisite: MAS 3301 or MAS 4302 or instructor permission. The Euclidean algorithm; congruences, quadratic residues, the law of quadratic reciprocity, and an elementary discussion of arithmetic functions and distribution of primes.

MAS 4201. Introduction to Abstract Algebra I (3). Prerequisites: MAS 3105 and prior experience with mathematical proofs (Mgf 3301, MAD 2104 or other proving experience). Groups, permutation groups, subgroups, group homomorphisms, structure of groups, rings, ideals, ring homomorphisms, rings of quotients, polynomials, factorization, fields, field extensions.

MAS 4303. Introduction to Abstract Algebra II (3). Prerequisite: MAS 4202. This course is a continuation of MAS 4202.

MAS 4304. Topics in Algebra (1-3). Prerequisite: Instructor permission. Special topics course. May be repeated to a maximum of twelve semester hours. May be repeated within the same semester.

MAT 3503. Functions and Modeling (3). Prerequisite: MAC 2313 and COP 3014. Recommended prerequisite: MAC 2101. Techniques of definition and logical argument, graphs and digraphs, relations, Boolean algebra, and applications.

MAT 3505. Engineering Mathematics I (3). Prerequisite: MAC 2313 or MAC 3305 with a grade of “C-” or better. Not open to students having credit in MAT 3305. This course covers differential equations, Laplace transform, linear algebra: determinants, matrices, eigenvalues, and eigenvectors.

MAT 3306. Engineering Mathematics II (3). Prerequisite: MAC 2313 and MAP 2302 or MAP 3305. Not open to students having credit in MAT 3431. This course offers Fourier series and Fourier transforms, introduction to partial differential equations.
MAT 3711. Introduction to Symbolic Computation (3). Prerequisite: MAC 2312. This course includes group and individual activities designed to strengthen knowledge of and connections among, topics in secondary and college mathematics; problem-solving; gathering and analyzing data; and modeling using linear, polynomial, and trigonometric functions, and parametric and polar equations are also explored. Students discuss and present work in class, and make use of various technologies.

MAT 3930r. Special Topics in Mathematics (1–3). May be repeated within the same term to a maximum of twelve semester hours. May be repeated to a maximum of twelve semester hours.

MAT 4906r. Directed Individual Study (1–4). May be repeated within the same term to a maximum of thirty semester hours.

MAT 4930r. Special Topics in Mathematics (1–3). (S/U grade only.) May be repeated to a maximum of twelve semester hours.

MAT 4931r. Special Topics in Mathematics (1–3). May be repeated to a maximum of six semester hours when subject matter changes.

MAT 4934r. Honors Work (3). May be repeated to a maximum of nine semester hours.

MAT 4945r. Undergraduate Professional Internship (1–3). (S/U grade only.) Prerequisite: Instructor permission. Supervised internships individually assigned to accommodate the student’s professional development in an area of application (e.g., actuarial science; industrial applications). May be repeated to a maximum of three semester hours.

MGF 1090. Mathematics for Liberal Arts I (3). Prerequisite: MAT 1033 with a grade of “C–” or better or a suitable mathematics examination placement score. Recommended background: two years of high school algebra. Course is not intended for students whose programs require precalculus or calculus courses. Set theory; symbolic logic; counting principles; permutations and combinations; probability; statistics; geometry; applications and history of mathematics.

MGF 1091. Topics in Practical Finite Mathematics (3). Prerequisites: MAT 1033 with a grade of “C–” or better or a suitable mathematics examination placement score. Recommended background: two years of high school algebra. Topics will include financial mathematics, linear and exponential growth, numbers and number systems, history of mathematics, elementary number theory; voting techniques; graph theory; game theory; geometry; and computer applications.

MGF 1214. Environmental Mathematics (3). Recommended background: two years of high school algebra. An elementary introduction to mathematical models useful in understanding and solving environmental problems. The H.T. Odum energy diagrams for energy flows provide visual models that are translated into flow equations, which can then be solved by ordinary calculators.

MGF 3301. Introduction to Advanced Mathematics (3). Prerequisite: MAC 2312. Credit is not allowed for MAD 2104. An introduction to the methods of mathematics through such a variety of classical and modern topics as set theory, algebra, real number topology, and mathematical language. Emphasis will be on axioms and proofs will be emphasized throughout.

MHF 4302. Mathematical Logic I (3). Prerequisite: MGF 3301 or instructor permission. Propositional and predicate logic, models, Godel’s completeness theorem and related theorems.

MTG 4212. College Geometry (3). Prerequisites: MAC 2312 and 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.

MTG 4543r. Topics in Topology or Geometry (1–3). Prerequisite: Instructor permission. Special topics course. May be repeated to a maximum of twelve semester hours. May be repeated within the same semester.

Graduate Courses

MAA 5306. Advanced Calculus I (3).

MAA 5307. Advanced Calculus II (3).

MAA 5406. Theory of Functions of a Complex Variable (3).

MAA 5407. Theory of Functions of a Complex Variable II (3).

MAA 5516. Measure and Integration I (3).

MAA 5517. Measure and Integration II (3).

MAA 5521. Computer Analysis (3).

MAA 5532. Topics in Analysis (1–3).

MAD 5305. Graph Theory (3).

MAD 5430. Foundations of Computational Mathematics I (3).

MAD 5404. Foundations of Computational Mathematics II (3).

MAD 5420. Numerical Optimization (3).


MAD 5932r. Topics in Computational Mathematics (1–3).

MAP 5107. Mathematical Modeling (3).

MAP 5165. Methods of Applied Mathematics I (3).

MAP 5177. Actuarial Models (3).

MAP 5178. Advanced Actuarial Models, Credibility, and Simulation (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 5623. Complex Variables, Asymptotic Expansions, and Integral Transforms (3).

MAP 5641. Introduction to Fluid Dynamics (3).

MAP 5446. Computational Methods in Biology (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 5615. Monte Carlo Methods in Financial Mathematics (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 (1–3).

MAT 5933r. Special Topics in Mathematics (1–3). (S/U grade only.)

MAT 5939. 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.)

MHF 5206. Foundations of Mathematics (3).

MHF 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 5652r. Topics in Geometry (1–3).

OCP 5256. Fluid Dynamics: Geophysical Applications (3).

MAA 6416. Advanced Topics in Analysis (3).

MAA 6693r. Advanced Seminar in Analysis (1). (S/U grade only.)

MAA 6693r. Advanced Topics in Numerical Analysis (3).

MAA 6693r. 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.)

MAA 6939r. Advanced Topics in Algebra I (3).

MAA 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 (1–3). (S/U grade only.)

MAT 6939r. Advanced Graduate Seminar (1). (S/U grade only.)

MTG 6396r. Advanced Topics in Topology (3).

MTG 6393r. Advanced Seminar in Topology (1). (S/U grade only.)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of MECHANICAL ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Web Page: http://www.eng.fsu.edu/me/
Chair: Emmanuel Collins; Vice Chair: Van Sciver; Professors: Alvi, Cartes, Cattafesta, Chen, Collins, Hestholm, Kalu, Krothapalli, Labalestier, Shih, Van Dommelen, Van Sciver; Associate Professors: Hollis, Hruda, Moore, Oates, Ordóñez; Assistant Professors: Clark, Kumar, Taira; Affiliated Faculty: Gunsburger, Han, Hussaini, Tam; Adjunct Faculty: Bin, Chuy, Kosaraju, Larson, Solomon; Professor Emeritus: Buzyna, Gielisse

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, dynamic systems, 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:

- make career progress in industrial, research, or graduate work in mechanical engineering or allied fields
- design and analyze devices, products, or processes that meet the needs of an employer, organization, or customer, based on sound scientific knowledge and engineering practices
- become engineering professionals by engaging in professional activities and continuous self-development
- function in multicultural and multidisciplinary environments across regional and national borders

Program Outcomes

After completing the mechanical engineering program, graduates should have the following attributes:

- 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 the ability to engage in life-long learning
- an ability to use modern engineering techniques, skills, and computing tools necessary for engineering practice

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 Program Prerequisites

The State of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts.23facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. MAC X311 or MAC X281
2. MAC X312 or MAC X282
3. MAC X313 or MAC X283
4. MAP X302 or MAPX305
5. CHM X045/CHM X045L or CHM X045C, or CHS X440 and CHM X045L
6. MAC X311 or MAC X281
7. CHM X048/CHM X048L or PHY X048C or PHY X043 and PHY X048L
8. CHM X049/CHM X049L or PHY X049C, or PHY X044 and PHY X049L

Core Program

A candidate for the Bachelor of Science (BS) in mechanical engineering is required to successfully complete the following engineering core courses (in addition to the mechanical engineering curriculum):

CHM 1045 General Chemistry 1 (3)
CHM 1045L General Chemistry 1 Laboratory (1)
EEL 3003 Introduction to Electrical Engineering (3)
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 1 (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 the ABET 2003 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 (3)
- **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 3811** Mechatronics I (1-2)
- **EML 4304L** Thermal-Fluids Lab (3)
- **EML 4550** Engineering Design Methods (3)
- **EML 4551C** Senior Design Project I (3)
- **EML 4552C** Senior Design Project II (3)
- **XXX XXXX** Math Option (3)
- **XXX XXXX** Technical Electives (12)

Technical electives are generally intended to develop depth in an area of interest and must form a coherent area of concentration. A minimum of three technical electives (nine semester hours) must be in the Department of Mechanical Engineering.

The math option is intended to provide additional math expertise oriented toward various areas in engineering. Students must choose from the following list of approved courses: MAP 3306 or STA 3032, Alternates: MAD 3401, MAD 3703, MAD 4341 or MAS 3105.

EML 3004C includes a math/physics test based on the material covered in Calculus I, Calculus II, and Physics I. Students may take this test at any time before or during their enrollment in EML 3004C.

### Honors in the Major

The Department of Mechanical Engineering offers a program in honors in mechanical engineering to encourage talented juniors and seniors to undertake independent and original research as a part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this *General Bulletin*.

### Five-Year Combined BS–MS Program

The department offers a five-year combined undergraduate-graduate program leading to the Bachelor of Science (BS) and Master of Science (MS) degrees. The objective of this program is to produce, in five years of full-time study, an engineer who is fully qualified to enter into professional practice in industry. Students begin taking core graduate courses in their fourth year. Successful completion of the fourth year of the five-year curriculum will give the student enough credit and breadth of subject matter to satisfy university requirements for the BS degree, should individual circumstances arise that preclude a student from taking the fifth year. This program also includes a Summer internship in industry between the fourth and fifth years. Admission to the dual degree program is open to juniors who have attained a GPA of 3.2 in the mechanical engineering curriculum and whose applications are reviewed by a faculty committee. Applicants are normally invited in the Spring, during the second semester of the students’ junior year, for Fall entry. Details on the curriculum may be obtained from the Mechanical Engineering Department Office.

### Definition of Prefixes

- **EGM**—Engineering Science
- **EGN**—Engineering: General
- **EMA**—Materials Engineering
- **EML**—Engineering: Mechanical

### Undergraduate Courses

**EGM 5512. Engineering Mechanics (4).** Prerequisites: MAC 2312 and 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.

**EMA 4225. Mechanical Metallurgy (3).** Prerequisite: EML 3012C. Tensile instability, crystallography, theory of dislocations, plasticity, hardening mechanisms, creep and fracture, electron microscopy, composite materials.

**EMA 4501. Optical and Electron Microscopy (3).** Prerequisite: EML 3012C or instructor permission. Fundamentals and techniques of optical and electron microscopy as applied to the determination of physical, chemical, and structural properties of materials and materials behavior in practice.

**EML 3002C. Mechanical Engineering Tools (4).** Prerequisites: MAC 2311 and PHY 2048C. Course covers communication and data handling, computer aided design, basic thermofluids, introductory programming concepts, machine shop practice.

**EML 3004C. Introduction to Mechanical Engineering (4).** Prerequisites: MAC 2312 and PHY 2048C. Course covers the engineering profession, drafting, and measurements; ethics; statics; the application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.

**EML 3011C. Mechanics and Materials I (4).** Prerequisite: EML 3002C or instructor permission. Course covers the engineering profession, drafting, and measurements; ethics; statics; the application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.

**EML 3012C. Mechanics and Materials II (3).** Prerequisites: EML 3002C and EML 3004C. Course covers the engineering profession, drafting, and measurements; ethics; statics; the application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.

**EML 3013C. Dynamic Systems I (4). Prerequisite: EML 3012C or instructor permission.** Course covers the engineering profession, drafting, and measurements; ethics; statics; the application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.

**EML 3014C. Dynamic Systems II (3).** Prerequisite: EML 3013C. First of a two-part series. Course covers the engineering profession, drafting, and measurements; ethics; statics; the application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.

**EML 4551C. Senior Design Project I (3).** Prerequisite: EML 4552C. Second of a two-part series. Course covers the engineering profession, drafting, and measurements; ethics; statics; the application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.

**EML 3015C. Thermal-Fluids I (4).** Prerequisite: EML 3014C and EML 2048C. Course covers the engineering profession, drafting, and measurements; ethics; statics; the application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.
EML 3811. Mechatronics I (1–2). Prerequisites: MAC 2312 and PHY 2049. This course is an introduction to Mechatronics through lab experience of interfacing mechanical and electrical components and operation of feedback control systems. In addition to basic programming, power and interfacing, electronics, actuators, sensors, and integration of these components to create a complete functional mechatronic system. Instructed on embedded systems, embedded programming, microcontroller interfacing, microcomputer programming, and design and analysis of control systems. Focus on microcontroller interfacing, microcomputer programming, and design and analysis of control systems. Students will develop this knowledge through an embedded control system project. The projects are chosen to emphasize student interest and proficiency. This course is designed for mechanical engineering students. Students will gain experience in the design and analysis of mechatronic systems. The projects will be chosen to emphasize student interest and proficiency. This course is designed for mechanical engineering students. Students will gain experience in the design and analysis of mechatronic systems. The projects will be chosen to emphasize student interest and proficiency.

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 5535C. Basic elements of a robot, robot actuators, and servo control; sensors, sensing, and control. Discussion of microcomputer and microcomputer programming. Basic mapping concepts, path planning and obstacle avoidance; intelligent control architectures.

EML 4830. Introduction to Mobile Robotics (3). Prerequisite: Instructor permission. Topics in mechanical engineering with emphasis on recent developments. Content and credit will vary. May be repeated within the same term to maximum of twelve semester hours.

EML 4925r. Directed Individual Study (1–3). Prerequisites: Junior standing and a "B" average in mechanical engineering courses. May be repeated to a maximum of twelve semester hours.

EML 4945r. Practical Work in Mechanical Engineering (1–3). Prerequisite: Adviser permission. May be repeated to a maximum of three semester hours.

EML 4970r. Honors Work (3). Prerequisite: Acceptance into honors program. Participation in a supervised research project and the production of a thesis describing the results of that work. May be repeated to a maximum of six required semester hours.

Graduate Courses

EGM 5444. Advanced Dynamics (3).
EGM 5611. Introduction to Continuum Mechanics (3).
EGM 5653. Theory of Elasticity (3).
EGM 5810. Viscous Fluid Flows (3).
EGM 6845. Turbulent Flows (3).
EGM 5456. Introduction to Computational Mechanics (3).
EMA 5226. Mechanical Metallurgy (3).
EMA 5514. Optical and Electron Microscopy (3).
EMA 5606. Analysis in Mechanical Engineering (3).
EMA 5601. Analysis in Mechanical Engineering II (3).
EMA 5072. Applied Superconductivity (3).
EMA 5103. Advanced Engineering Thermodynamics (3).
EMA 5155. Convective Heat and Mass Transfer (3).
EMA 5162. Cryogenics (3).
EMA 5311. Design and Analysis of Control Systems (3).
EMA 5317. Advanced Design and Analysis of Control Systems (3).
EMA 5361. Multivariable Control (3).
EMA 5451. Energy Conversion Systems for Sustainability (3).
EMA 5453. Sustainable Power Generation (3).
EMA 5537. Design Using FEM (3).
EMA 5543. Materials Selection in Design (3).
EMA 5709. Fluid Mechanics Principles with Selected Applications (3).
EMA 5710. Introduction to Gas Dynamics (3).
EMA 5725. Introduction to Computational Fluid Dynamics (3).
EMA 5752. Introduction to Robotics (3).
EMA 5831. Introduction to Mobile Robotics (3).
EMA 5905r. Directed Individual Study (1–6). (S/U grade only.)
EMA 5910r. Supervised Research (1–5). (S/U grade only.)
EMA 5930r. Special Topics in Mechanical Engineering (1–6).
EMA 5935r. Mechanical Engineering Seminars (0). (S/U grade only.)
EMA 5946. Professional Internship Experience in Mechanical Engineering (4).
EMA 6365. Robust Control (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
**MEDICINE**

**College of Medicine**

Web Page: [http://med.fsu.edu/](http://med.fsu.edu/)

Department of Biomedical Sciences-Chair: Richard Nowakowski; Professors: Overton, Blaber, Diáz, Galasko, M. Hurt, M. Johnson, Levenson, McGee, Meredith, Nowakowski, Ouiemt, Patrick, Romrell; Associate Professors: Arbeitman, Blackmon, Horabin, Kabbaj, Kato, Laywell, C. Lee, Megraw, Olcse, Stefanovic, Wang, Yu, Zhou; Assistant Professors: Cappendijk, Gunjan, Kao, Kumar, Paik, VanLandingham, Zhu; Eminent Scholar: Bhide; Assistant Scholar Scientists: Bienkiewicz, McCarthy; Assistant in Medicine: Kao; Associate in Medicine: Didier

Department of Clinical Sciences-Interim Chair: Ricardo Gonzalez-Rothi; Professors: Berg, Bertollete, Bland, Bradley, Gonzalez-Rothi, Hartsfield, Maitland, Muszynski, Watson, Wetherby; Associate Professor: Appelbaum, Danforth, Manting, Stavros; Assistant Professors: Gianinni, K. Lee, Parsley

Department of Family Medicine and Rural Health-Chair: Daniel Van Durme; Professors: Beitsch, G. Bellamy, Dunn, Fogarty, Littles, McLeod, Stine, Van Durme; Associate Professors: Baker, K. Campbell, R. Campbell, Harrison, Rodriguez; Assistant Professors: Blackburn, Goodwin, Myers, Quintero, Saunders, Smith-Barron, Tsimimigras; Associate in Medicine: Clark; Assistant in Medicine: Aubrey, Geletko, LaJoie

Department of Geriatrics-Chair: Kenneth Brummel-Smith; Professors: Brummel-Smith, Granville, Kapp, Lloyd, Pomidor; Associate Professors: Agens, Suchak; Assistant Professors: Turner

Department of Medical Humanities and Social Sciences-Chair: Janine Edwards; Professors: Edwards, Glueckauf, Rost; Associate Professor: Flynn, Gerend, Hayes, Reyes; Assistant Professors: Bernat, Driscoll, Gabriel, Nair-Collins, Painter, Rosado; Assistant in: Sualdea

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
- **IHS**—Interdisciplinary Health Sciences
- **MEL**—Medical Science Electives

**Undergraduate Courses**

**BMS 6940r.** Directed Individual Study (1–3). (S/U grade only.) Prerequisite: Instructor permission. Study on a selected topic as designated by student or directing professor. May be repeated to a maximum of nine semester hours.

**IHS 4904r.** Directed Individual Study in Health Sciences (1–4). Prerequisite: Instructor permission. Corequisite: Must have an overall 3.0 GPA. This course is for undergraduate students who wish an individualized research experience in the Medical Humanities and Social Sciences, Public Health, or other fields represented in the College of Medicine. Students receive 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 semester hours.

**Doctor of Medicine (MD) Courses**

**First Year Courses**

- **BMS 6015.** Doctoring 101 (3). (P/F grade only.)
- **BMS 6016.** Doctoring 102 (5). (P/F grade only.)
- **BMS 6017.** Doctoring 103 (5). (P/F grade only.)
- **BMS 6100C.** Clinical Microscopic Anatomy and Laboratory (4). (P/F grade only.)
- **BMS 6150C.** Clinical Anatomy, Embryology and Imaging (10). (P/F grade only.)
- **BMS 6204r.** Medical Biochemistry and Genetics (5). (P/F grade only.)
- **BMS 6511.** Organ Physiology (6). (P/F grade only.)
- **BMS 6706C.** Clinical Neuroscience (6). (P/F grade only.)
- **BMS 6930r.** Special Topics in Medicine (2). (P/F grade only.)

**Second Year Courses**

- **BMS 6060.** Health Issues in Medicine II (2). (P/F grade only.)
- **BMS 6301.** Medical Microbiology 201 (3). (P/F grade only.)
- **BMS 6302.** Medical Microbiology 202 (2). (P/F grade only.)
- **BMS 6401.** Medical Pharmacology 201 (3). (P/F grade only.)
- **BMS 6402.** Medical Pharmacology 202 (4). (P/F grade only.)
- **BMS 6601.** Pathology 201 (6). (P/F grade only.)
- **BMS 6602.** Pathology 202 (7). (P/F grade only.)
- **BMS 6821.** Medicine and Behavior I (2). (P/F grade only.)
- **BMS 6822.** Medicine and Behavior II (2). (P/F grade only.)
- **BMS 6831.** Doctoring 201 (7). (P/F grade only.)
- **BMS 6832.** Doctoring 202 (7). (P/F grade only.)
- **BMS 6900.** Directed Individual Study in Biomedical and Clinical Sciences (2–9). (S/U grade only.)

**Year 1/2 Elective**

- **BMS 6824.** Cross Cultural Medicine (2). (P/F grade only.)
- **MEL 6141.** Medical Spanish I (2). (P/F grade only.)
- **MEL 6142.** Medical Spanish II (2). (P/F grade only.)

**Third Year Courses**

- **BCC 7112.** Internal Medicine (8).
- **BCC 7130.** Obstetrics/Gynecology Clerkship (6).
- **BCC 7140.** Pediatrics Clerkship (6).
- **BCC 7150.** Psychiatry Clerkship (6).
- **BCC 7160.** Surgery Clerkship (8).
- **BCC 7170.** Community Medicine (3).
- **BCC 7175.** Clerkship in Family Medicine (6).
- **BCC 7182.** Doctoring 3 (6).

**Fourth Year Required Clerkships**

- **BCC 7113.** Advanced Internal Medicine Clerkship (4).
- **BCC 7174.** Primary Care Geriatrics (4).
- **BCC 7176.** Advanced Family Medicine Clerkship (4).
- **BCC 7180.** Emergency Medicine (4).

**Fourth Year Electives**

In the fourth year of study, the College of Medicine offers a wide variety of electives to help students develop skills in their specific areas of study and practice. Electives are available in the fields of family medicine, geriatrics, internal medicine, obstetrics/gynecology, pediatrics, psychiatry, surgery, and others. For a complete and current list of fourth year electives, please visit our Web site at [http://med.fsu.edu/userFiles/file/Electives2012-2013.pdf](http://med.fsu.edu/userFiles/file/Electives2012-2013.pdf).

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**MICROBIOLOGY:**

see Biological Science
Program in MIDDLE EASTERN STUDIES

College of Arts and Sciences

Web Page: http://mec.fsu.edu/

Director and Adviser: Peter Garretson (History)

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) 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://mec.fsu.edu/.

Admission

Students must complete fifty-two 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 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 semester hours from among those area-specific upper level courses listed for their major track. The hours should be distributed among at least three departments participating in the program.

2. **Middle East Survey requirement.** Students are required to take Middle East Survey (ASH 3230), a three semester hour course.

3. **Language requirement.** Fifteen semester hours of coursework are required in a relevant area language (Arabic, Hebrew, Turkish, or any other Middle Eastern language that might be offered on campus in the future). The hours must be focused upon one specific language.

State of Florida Common Program Prerequisites

The state of Florida has not identified common program 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)

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 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 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.

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)

Classics

- CLT 3378 Ancient Mythology, East and West (3)

Economics

- ECS 4504 Economics of the Middle East (3)

Geography

- GEO 4930 Special Topics in Geography

History

- AFH 4302 Northern African History: A Survey (3)
- ASH 1044 Middle Eastern History and Civilization (3) (*does not count towards MES degree, but is highly recommended)
- ASH 3200 History of the Ancient Near East (3)
- ASH 3230 Middle East Survey (3)
- ASH 4223 Modern Middle East (3)
- ASH 4201 Central Asia Since the Mongols (3)
- EUH 3420 Rise and Fall of Classical Civilization (3)

Note: ASH 3230 is a required course for all students majoring in Middle Eastern studies.

Modern Languages

- ARA 1120 Elementary Arabic I (4)
- ARA 1121 Elementary Arabic II (4)
- ARA 2220 Intermediate Arabic (4)
- ARA 2240 Conversational Arabic (3)
- FOL 3930 Experiments in Modern Language (3)

Note: The required topic is: Topics In Arabic (3)

Religion

- FRE 4930 Special Topics (3)

Note: The required topic is: Postcolonialism and Francophone Literatures (3)

Political Science

- CPO 3403 Comparative Government and Politics: The Middle East (3)
- INR 4274 Studies in International Politics: The Middle East (3)
- INR 3084 Terror and Politics (3)

Religion

- REL 2210 Introduction to the Old Testament (3)
- REL 3363 The Islamic Tradition (3)
- REL 3600 The Jewish Tradition (3)
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 thirty-two-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 (seventy-five minutes) periods and a one and a half hour (ninety 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 twenty 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 reimbursement for their tuition and fees. Additionally, Army scholarship recipients receive a flat-rate allowance of $1200 per year for textbooks and other expenses and a $300–$500 per month stipend for up to 10 months per year. During the thirty-two-day advanced course summer training between the junior and senior years, Army ROTC also pays attending cadets $29.82 per day plus room and board. There are also numerous national and organizational scholarships that students may compete for as members 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 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 seventeen 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 at the time of commissioning (upper age limit can be waived);
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 or (850) 644-1016 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 (ninety 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 self-development, while incorporating the individual’s knowledge of self, understanding of group processes, current beliefs, and skills.

MSL 2102L. Leadership and Teamwork Laboratory (0).

MSL 2940. Basic Field Internship (4). Prerequisites: Must pass the Army Physical Fitness Test (APFT) and have earned at least fifty-four-four 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 Military Science for students who have not completed introductory level coursework.

MSL 3201. Leadership and Problem Solving (3). Prerequisites: MSL 1001, MSL 1002, MSL 2101, MSL 2102, or instructor permission. 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, MSL 1002, MSL 2101, MSL 2102, or instructor permission. 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 4301. Leadership and Management (3). Prerequisite: MSL 3202 or instructor permission. Corequisite: MSL 4301L. 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 4301L. Leadership and Management Laboratory (0).

MSL 4302. Officership (3). Prerequisites: MSL 3202, MSL 4301, or instructor permission. 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. Officership Laboratory (0).

MSL 4906. Directed Individual Study (3). Prerequisite: Permission from a military-science professor. 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 semester hours.
Department of MODERN LANGUAGES AND LINGUISTICS

College of Arts and Sciences

Web Page: http://modlang.ez.fsu.edu/

Chair: William Cloonan; Professors: Cloonan, Fernandez, Galeano, Hargreaves, Lepaulo, Munro, Pietralunga, Sharpe, Walters; Associate Professors: Alvarez, Boutin, Cappuccio, Efimov, Gomariz, Lan, Leeser, Leushuis, Maier-Katkin, Poey, Reglero, Romanchuk, Sunderman, Uzendoski, Wakamiya, Zanini-Cordi; Assistant Professors: Gonzalez, Howard, Valisa, Wang, C. Weber; Associate in Modern Languages: Schlenoff; Assistants in Modern Languages: Awad, Brandl Gray, Feng, Osborn, D. Weber

The Department of Modern Languages and Linguistics provides instruction in Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Korean, Portuguese, Russian, Turkish, 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 Chinese, French, German, Italian, Japanese, 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 East Asian Languages and Cultures, French, French and Francophone Studies (temporarily suspended), German, Italian, Russian, and Spanish. All major programs, except for languages with a concentration in business, and French and Francophone Studies will also require a minor degree. Undergraduate minors are offered in Arabic Studies, Chinese, French, German, Hebrew, Italian, Japanese, Linguistics, Medieval Studies, Portuguese, Russian, Spanish, Strategic European Languages and Cultures (SELC), 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 degree are available in Arabic, Chinese, German, Italian studies, Slavic languages and literatures (emphasis on Russian), and Spanish (emphasis on literatures and cultures, or linguistics). Programs leading to the Doctor of Philosophy degree are offered with French or Spanish as the major field of concentration. Concentrations in 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 offers a variety of electronic language learning systems and language media resources. It has two fully equipped computer labs where students may work on their language skills under an instructor’s guidance, as well as a walk-in computer lab which they may use at their convenience. A film screening auditorium will soon be available for film and culture classes and special events. The department develops and maintains the Virtual Language Lab, an online language resource site which offers students a wide variety of electronic media resources for the languages taught by the department. The department’s video collection has over two hundred foreign films.

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 offers a wide range of study abroad scholarships for students. Strongly interdisciplinary in outlook, the Institute brings together faculty from a variety of departments at Florida State and from universities throughout the world. It hosts leading scholars, artists and public figures and sponsors a wide range of lectures, film screenings, conferences and other events addressing key social, cultural and political issues in France and other French-speaking regions.

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) 644-2606.

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, CGS 2100 or ISC 3313.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

East Asian Languages

XXX XXXX: coursework in the language for six to twelve credit hours; students must demonstrate proficiency by testing or completion of a foreign language through the intermediate level. The intermediate level is chosen depends upon the track/focus of the student. At FSU, the intermediate level would be either CHI X220 or JPN X220.

French

XXX XXXX: coursework in the language for six to twelve credit hours; students must demonstrate proficiency by testing or completion of the foreign language through the intermediate level. The intermediate level is FRE X220 or equivalent.

French and Francophone Studies

Students must demonstrate proficiency by testing or completion of intermediate-level French.

German

XXX XXXX: coursework in the language for six to twelve credit hours; students must demonstrate proficiency by testing or completion of the foreign language through the intermediate level. The intermediate level is GER X220 or equivalent.

Italian

XXX XXXX: coursework in the language for six to twelve credit hours; students must demonstrate proficiency by testing or completion of the foreign language through the intermediate level. The intermediate level is ITA X220 or equivalent.

Russian

XXX XXXX: coursework in the language for six to twelve credit hours; students must demonstrate proficiency by testing or completion of the foreign language through the intermediate level. The intermediate level is RUS X220 or equivalent.

Spanish

XXX XXXX: coursework in the language for six to twelve credit hours; students must demonstrate proficiency by testing or completion of the foreign language through the intermediate level. The intermediate level is SPN X220 or equivalent.

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) 644-2606.
College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Note: The department reserves the right to reassign or drop students who are enrolled in a course for which they have not taken the required prerequisites, or one that does not correspond to their linguistic abilities.

Honors in the Major

The Department of Modern Languages and Linguistics offers a program in honors in the major to encourage talented seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Major in a Language with Concentration in Business

A major in French, German, Italian, Spanish, or Russian with a concentration in business may be selected. The program consists of twenty-one semester hours in the language beyond the language requirement plus fifteen approved semester hours of core business courses and twelve approved semester hours in a specialized track of marketing, management, or finance in the College of Business. Students declaring a French with a concentration in business major may take one single French course taught in English with written work done in French to satisfy the requirements of the major. For students declaring Spanish with a concentration in business, linguistics (LIN) courses will not count for major credit. A major in Chinese or Japanese with a concentration in business requires eighteen semester hours of the selected language numbered above the 2220 level, plus twenty-seven hours in the business track. Of the twenty-seven hours, at least twelve approved semester hours must be taken of core business coursework, and at least nine approved semester hours in a specialized track of marketing, management, or finance. A maximum of six semester hours of JPN (or CHI) 3000-level courses may be substituted for required business courses in the twelve hour specialized track. No minor is required with a concentration in business. Students should consult with their language adviser for a list of appropriate courses. Students majoring in both Business and Language/Business should refer to the requirements below, under “Double Major”.

Co-Major in Modern Languages and Linguistics

The department offers an interdepartmental program in which students may choose approved co-majors from the following divisions: French, German, Italian, Russian, and Spanish. The co-major consists of twenty-one semester hours numbered above 1999 in each of two divisions selected. Students declaring a French co-major may take one single French course taught in English with written work done in English to satisfy the requirements of the major. For students declaring a Spanish co-major, linguistics (LIN) courses may count for major credit. A co-major in Chinese and Japanese consists of fifteen semester hours of each language numbered above 2220, plus twelve semester hours of CHT/JPT 3000-level coursework in culture and literature. Of the combined thirty Chinese/Japanese language coursework, at least six semester hours must be taken from two 4000-level courses in one language and three semester hours from a 4000-level course in the other language. The student should consult with the Chinese and Japanese advisers to select appropriate courses. One 2000-level course in either language chosen for all co-majors 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 semester hours may overlap, i.e., they may be counted toward two separate majors; and (2) no minor is required. Student majoring in both Business and Language/Business are allowed double counting of the five “core” courses, but are not allowed double-counting of any course in the selected specialized track.

Double Major in Modern Languages

A double major in two modern foreign languages may be approved in selected combinations. 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. A grade of “C-” or better is required for students to advance to subsequent language levels. No courses may be taken on a satisfactory/unsatisfactory (S/U) basis except for language internships.

East Asian Languages and Cultures

The East Asian Languages and Cultures degree program offers five separate major tracks: Chinese language and culture (thirty hours), Japanese language and culture (thirty hours), co-major in Chinese and Japanese (forty-one hours), Chinese with a concentration in business (forty-five hours), and Japanese with a concentration in business (forty-five hours). The Chinese and Japanese language and culture majors require thirty semester hours numbered above 2220 including a maximum of six semester hours at the 4000-level. For the Chinese major, a maximum of nine semester hours from 3000-level courses in Chinese culture and literature may count toward the thirty semester hour requirement. The Japanese major will allow a maximum of nine semester hours in Japanese culture and literature to count toward the thirty semester hour requirement. Coursework should be selected by consultation with the Chinese or Japanese adviser in the language area of choice. For further information on requirements, visit http://www.fsu.edu/~modlang/divisions/eastasian/.

French Major

Thirty semester hours numbered above 2999 are required, including FRW 3100, 3101; FRE 3420, 3421, 3780 (or FRE 4410), 4422; and three additional 4000-level courses (nine semester hours), at least two of which (six semester hours) must be in literatures, cultures and/or societies of French expression. One 3000–4000 level French 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. Any number of 3000–4000 level French courses taught in English with the written work done in French may count toward the major. 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, please visit http://modlang.ez.fsu.edu/Language-divisions-programs/French-Division.

French and Francophone Studies Major (Temporarily Suspended)

Thirty-six semester hours numbered above 2999 are required in this interdepartmental program with history and art. Twenty-one semester hours of French and fifteen 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, 3501; FRW 3100, 3101; and two additional 4000 level French courses. Students in this major may take one single French course taught in English with written work done in French to satisfy the requirements of the major. No minor is required. French and francophone studies majors are eligible for the Ada Belle Winthrop King Summer Scholarships to Paris. For more information, please visit http://modlang.ez.fsu.edu/Language-divisions-programs/French-Division.

German Major

Thirty semester hours numbered above 2999 are required, including GER 3400 and GER 3500. For students entering the major from GER 2220, GER 3400 is required to fulfill the composition component; students who enter with advanced proficiency take GER 4420. Students should consult with an adviser to ensure proper placement. Students should have a minimum of six semester hours of skills courses (e.g., GER 3310, GER 3400) and six semester hours of literature, film, and culture classes (e.g., GER 3500, GER 3930). A minimum of nine semester hours must be taken at the 4000 level. A maximum of six semester hours from among the following coursework may count toward the thirty semester hour requirement: GET 3130, GET 3524. For more information, please visit http://modlang.ez.fsu.edu/Language-divisions-programs/German-Division.

Italian Major

Thirty 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 semester hours from among the following coursework may
Russian Major

Three semester hours numbered above 2220 are required, including RUS 2300, 3400, 3420, and at least twelve semester hours of RUS/RUW coursework at the 4000 level or above. Three semester hours at the 4000 level must be in Russian literature. A maximum of six semester hours from among the following coursework may count toward the thirty semester hour requirement:

- RUT 3110, 3504; LIN 3041, 4040; SLL 3500 and 3510. FOL 3930r may also be counted toward the major and minor in Russian. For more information, please visit http://modlang.ez.fsu.edu/Language-divisions/programs/Slavic-Languages-Russian.

Spanish Major

Thiry-six semester hours, distributed in the following manner, are required:

- SPN 2240 and eighteen semester hours of 3000 level courses including SPN 3300, 3400; SPW 3030; either either SPN 3510 or SPN 3520; a departmental linguistics course (usually LIN 3041), and one additional 3000 level literature course. Heritage speakers must take SPN 3350 plus two additional 3000-4000 level Spanish courses instead of the required SPN 2240, SPN 3400 sequence. Required at the 4000 level are fifteen semester hours in SPN or SPW courses, including at least one senior seminar (SPN 4540, SPN 4930 or SPW 4930).
- SPT 3130 will not count for major credit. For more information, please visit http://www.fsu.edu/~modlang/divisions/spanish.

Minor for Modern Languages Majors

Twelve to fifteen semester hours in an approved departmental field are required. If a second foreign language is selected as the minor, the twelve to fifteen 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 semester hours in linguistics. See specific course requirements listed under “Interdepartmental Linguistics Minors.”

Note: Linguistics courses will NOT count toward both a major in Spanish and a minor in linguistics.

The graduate minor requires fifteen semester hours. See specific course requirements listed under “Interdepartmental Undergraduate and Graduate Minors.”

Requirements for a Minor in Modern Languages and Linguistics

Twelve semester hours in linguistics or in any one of the following languages are required: French, German, Italian, Portuguese, or Russian numbered above 1999. The Chinese minor requires twelve semester hours in courses numbered above CHI 1121. The Japanese minor requires twelve semester hours in courses numbered above JPN 1121. Spanish requires fifteen semester hours numbered above 2220 including three hours in Spanish literature. SPT 3130 will not count for minor credit. 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 semester hours, fifteen of which must be from Arabic language courses. The additional three 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 of the eighteen 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 without prior approval from the Arabic adviser. A certificate may be issued by the department upon successful completion of the minor requirements.

Requirements for a Minor in Hebrew

The undergraduate minor in Hebrew consists of eighteen semester hours, at least fifteen of which must be Hebrew language courses. The remaining three hours may be in any other Semitic language (Arabic, Aramaic and Syriac are currently taught at FSU). Students must demonstrate they have completed work in both Biblical and Modern Hebrew, reaching the Intermediate level in one. This will normally mean that they must take at least three hours of Biblical Hebrew and three hours of Modern Hebrew (note that these do not have to be taken as part of the minor). All courses in both Biblical and Modern Hebrew with a grade of “C-“ or higher (no S/U grade will apply) can be counted toward the minor. No course counting toward any university language requirement may be counted for the minor. At least nine of the eighteen required hours must be taken at FSU. A list of approved courses may be obtained from the departmental undergraduate office, 364 DIF.

Requirements for a Minor in Medieval Studies

The undergraduate minor in medieval studies provides students focused, interdisciplinary training in the culture of the pre-modern era in the lands of Europe, both West and East, as well as the cultures of the Middle East. The minor will consist of fifteen 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 more courses from an approved list. These courses are to be distributed over two or three departments other than that of his/her concentration. 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. 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 FSU 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 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. A minimum grade of “C” must be earned for all courses taken for this minor. No more than eight 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 Strategic European Languages and Cultures (SELC)

The minor focuses on the languages and cultures of three historically and strategically linked regions that form an “arc” along the eastern edge of the EU: Russia and Ukraine, the Balkans, and Turkey. The minor consists of twelve approved semester hours taken in the Department of Modern Languages and Linguistics beyond liberal studies and major requirements. 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 semester hours. The student may select five courses from any of the following: CHT 3391r, 3509; FRT 3140, 3520r, 3561; GET 3130, 3524r; ITT 3430, 3523r; JPT 3391r; PRT 3391r; RUT 3110, 3523r; SPT 3130, 3391r. Courses taken for major credit in modern languages may not be counted toward this minor.

Definition of Prefixes

ARAF—Arabic Language

CHI—Chinese

CHT—Chinese Literature in Translation

FOL—Foreign and Biblical Languages (e.g., Hebrew, Turkish)

FOW—Foreign and Biblical Languages, Comparative Literature (Writings)
Undergraduate Courses

Note: Graduate students wishing to take courses at the 1000-4000 level must obtain permission of the instructor, the language coordinator for that course and the Modern Languages' associate chair for graduate studies.

Arabic

ARA 1120. Elementary Arabic I (4). This course is 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 as well as one Arabic dialect. This course follows a communicative approach. It enables students to put the language they are learning into actual use. May not be taken concurrently with ARA 1121 and/or 2220 or by native speakers.

ARA 1121. Elementary Arabic II (4). Prerequisite: ARA 1120. This course introduces extended vocabulary and grammar, and basic conversation is emphasized. Students start conversing in spoken Arabic as well as reading and writing in Modern Standard Arabic. This course also develops the students’ knowledge of Arab culture. 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 two semesters of Arabic in college or the equivalent. This course solidifies knowledge of basic grammar and expands the students’ vocabulary. It emphasizes reading and writing in formal Arabic, as well as listening and speaking in Colloquial. Students participate in cultural activities, write compositions, and give oral presentations in class. May not be taken concurrently with ARA 1120 and/or 1121.

ARA 2220r. Intermediate Conversation (3). Prerequisite: ARA 2220 or instructor permission. This course focuses on a practical communicative approach in order to use Arabic in meaningful contexts. It provides a bridge between Classical and Colloquial Arabic. Students are introduced to authentic Spoken Arabic and learn the language of everyday life. A variety of original texts, video clips and audio tapes are used in class to give students a better understanding of the Arab world. May be repeated to a maximum of six semester hours.

ARA 3222. Mid-Intermediate Arabic (3). Prerequisite: ARA 2220 or higher. This course is designed for students who have had three semesters of Arabic language or equivalent learning experience. Students study intermediate language skills to help them improve their language abilities through the text book that is assigned to them.

ARA 4421. Media Arabic (3). Prerequisite: ARA 2220 or higher. This course introduces students to the Arabic language, the Arab press, and to ordinary news items in print or broadcasted. It provides intermediate level students with an introduction to the language of the Arab media and develops their basic reading and interpreting skills.

Chinese

CHI 1120. Elementary Chinese I (4). An emphasis is placed upon speaking and listening, although an acquisition of reading and writing skills is also an integral part of the course. Some fundamental syntactic constructions introduced are: word order, nominal classes, verb serialization, and formation of complex sentences. May not be taken concurrently with CHI 1121, 2220 and/or 2300.

CHI 1121. Elementary Chinese II (4). Prerequisite: CHI 1120 or 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 1121 or equivalent. May not be taken by native speakers. Emphasizes reading and writing and introduces more of the essential Chinese syntax. More time will be devoted to learning Chinese characters in both recognition and production levels. May not be taken concurrently with CHI 1120, 1121 and/or 2300.

CHI 3240. Chinese Reading and Conversation (3). Prerequisite: CHI 2220 or instructor permission. This course is offered to meet the needs of students in current intermediate-level Chinese classes who seek not only to study Chinese at a more advanced level, but also to improve their Chinese proficiency in reading comprehension and oral communication in various settings.

CHI 3404r. Chinese Calligraphy and Poetry (3). Prerequisite: One Chinese language course or equivalent ability. This course develops both the ability to write Chinese characters and the knowledge of Chinese calligraphy. It comprises two tasks: 1) to grasp the structural rules of Chinese characters and the skills of memorizing and writing characters; 2) to understand the history and appreciate the charm of Chinese calligraphy by integrating calligraphic practice with the study of literary texts. May be repeated to a maximum of six semester hours.

CHI 3420r. Chinese Grammar and Composition (3). Prerequisite: CHI 2220 or instructor permission. This course aims to develop students’ Chinese proficiency in reading and writing while focusing on grammar, composition, and vocabulary building. May be repeated to a maximum of six semester hours when content changes.

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 4410r. Advanced Chinese I (3). Prerequisite: Two CHI 3000-level courses or instructor permission. This course is designed for students who have had three years of Chinese language courses or equivalent learning experience. Students study both advanced-level language skills and Chinese culture in the original language. May be repeated to a maximum of six semester hours when topics vary.

CHI 4411r. Advanced Chinese II (3). Prerequisite: One 4000-level course with the CHI or CHW prefix. This course aims to develop fluency and accuracy in advanced-level Chinese in using complex vocabulary and sentence patterns, grasping basic forms of expository and argumentative prose, and discussing real-life issues of contemporary China in modern Chinese. May be repeated to a maximum of six semester hours.

CHI 4450r. Readings in Chinese History (3). Prerequisite: Instructor 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 semester hours.

CHI 4930r. Special Topics (3). Prerequisite: Divisional permission. Allows students to study literary topics of a special kind, depending on student interest and faculty expertise.

CHI 4942r. Internship in Applied Chinese (1–6). (S/U grade only.) Prerequisite: Advanced standing in Chinese. Provides academic credit for students working in governmental agencies or private business where students employ the foreign language. Departmental permission required. May be repeated to a maximum of six semester hours.

CHI 3391r. Chinese Cinema and Culture (3). Course studies representative films from mainland China, Hong Kong, and Taiwan. Presents Chinese cinema both as a unique art form and as a reflection of Chinese culture. May be repeated to a maximum of six semester hours.

CHI 3392r. Writing Women in Pre-Modern China (3). This course introduces students to Chinese women’s rewriting up to the 19th century. Students acquire knowledge of pre-modern women’s literature and culture, and analytical skills necessary for interpreting women’s texts in the context of pre-modern China. No prerequisite. May be repeated to a maximum of six semester hours when topics vary.
CHT 3930r. Topics in Chinese Literature (3). This course is for students interested in Chinese culture and literature in translation. Students learn the skills of interpreting literary works and understanding the development of Chinese literature. May be repeated to a maximum of six semester hours. May be repeated within the same semester.

Film Courses
See course descriptions under individual language areas.

CHT 3391r Chinese Cinema and Culture
FRT 3520r French Cinema
GET 3524r German Cinema
ITT 3523r Italian Cinema
JPT 3391r Japanese Film and Culture
PRT 3391r Brazilian Literature and Film in Translation
RUT 3523r Russian Cinema
SPT 3391r Hispanic Cinema

General Foreign Language Courses
FOL 3930r. Experiments in Modern Language (3). May be repeated to a maximum of nine semester hours.
FOL 4001r. Tutorial in Modern Languages, Literatures or Linguistics (1–6). (S/U grade only.) Prerequisites: Junior standing or command of language and instructor permission. A maximum enrollment of five students. This course allows students to pursue a topic within modern languages (linguistics, literature, culture, or civilization). Number of semester hours taken depend on the content and breadth of the topic. May be repeated twice with different topics to a maximum of six semester hours.
FOW 3240. Literature and Sexuality (3). Course focuses upon novels that explore the social and personal implications of sexual identity.
FOW 4540. Franco-American Culture Wars (3). Course examines a major shift in the cultural balance of power between the United States and France. 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.

French
French and Francophone Language and Culture
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 and/or 2211.
FRE 1121. Elementary French II (4). Prerequisite: FRE 1120 or equivalent. Further emphasis on oral comprehension, speaking, reading, and writing. May not be taken by native speakers. May not be taken concurrently with FRE 1120 and/or 2211.
FRE 2211. Intermediate French Readings (4). Prerequisite: FRE 1121 or equivalent. Completes 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 not be taken concurrently with FRE 1120 and/or 1121, and/or 2210.
FRE 2220. Reading and Conversation (4). Prerequisite: FRE 2211 or equivalent. This course expands the students’ oral and written French expression through structured debate and argumentation based upon readings. May not be taken concurrently with FRE 1120, FRE 1121, and/or FRE 2211, or by native speakers.
FRE 3244. Intermediate French Conversation (3). Prerequisite: FRE 2211. Through readings and films about contemporary issues facing French society, this course aims at developing oral communication skills in a broad range of contexts.
FRE 3420. French Grammar and Composition I (3). Prerequisite: FRE 2211 or equivalent. An in-depth study of French grammar emphasizing subtleties of written expression.
FRE 3421. French Grammar and Composition II (3). Prerequisite: FRE 2211 or equivalent. Further study of the subtleties of written expression in the French language.
FRE 3440. Commercial French (3). Prerequisites: FRE 2211 and FRE 3420. Develops language and correspondence skills appropriate to business transactions in such areas as sales, finance, transportation, management, etc.
FRE 3301. Contemporary France (3). Prerequisite: FRE 3420. This course, taught entirely in French, provides the student with an understanding of French culture and society from WW II through the present day. Topics include high vs. popular culture, political life, Franco-American relations, economics, media, France and the European Union, social interactions of the French, family life, education system, religion, cuisine, and immigration and multiculturalism. Activities and assignments emphasize French writing and speaking skills.
FRE 3780. French Phonetics (3). Prerequisite: FRE 3420. French majors only. Targeted pronunciation practice using the phonetic alphabet with the objective of improving pronunciation of standard French pronunciation.
FRE 4410. Advanced Conversation (3). Prerequisite: Completion of one 3000 level French course. Based on contemporary materials, this course is intended to develop near-native fluency.

FRE 4422. Advanced Grammar and Composition (3). Prerequisite: FRE 3421 or equivalent. This course, intended for students with a thorough grounding in French grammar, addresses developing writing and speaking ability through the reading of a variety of sophisticated French prose works and the composition of essays based on these model texts.

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 semester hours.
FRE 4930r. Special Topics (3). Prerequisite: Divisional coordinator 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 semester hours.
FRE 4935r. Honors Thesis (1–6). May be repeated to a maximum of nine semester hours, three 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.
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 semester hours.

French and Francophone Cultures in Translation
Note: FRT courses do not count toward the major unless the student reads the works in French, writes all assignments in French, and can provide a letter from the instructor granting him/her permission to take the course for major credit.
FRT 3140. 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 3520r. French Cinema (3). This Francophone cinema course is offered in two versions: one focusing on the relationship between cinema and Francophone cultures and societies, and another taking a chronological and thematic approach to the movements and directors of metropolitan French cinema. This course is taught in English and, with instructor permission, three hours may be used for major or minor credit. May be repeated to a maximum of six semester hours.
FRT 3561. French Women Writers (3). Prerequisite: ENC 1101, ENC 1121, or equivalent. Course addresses issues of race, gender, and class in a selection of works written by prominent French/ francophone writers. Taught in English. Can be used for minor credit with permission of the coordinator.

Literatures, Cultures and/or Societies of French Expression
FRW 3100. Survey of French Literature: Origins Through 18th Century (3). Prerequisite: FRE 2211; FRE 3420 or FRE 3421 recommended. An introduction to the study of early-modern French literature by reading and discussing works representative of the various schools and movements. (Fall semester only.)
FRW 3101. Survey of French Literature: 19th Century through the Present (3). Prerequisites: FRE 2211; FRE 3420 or FRE 3421, FRW 3101, or instructor permission. An introduction to the study of modern French literature by reading and discussing works representative of the various schools and movements. (Spring semester only.)
FRW 4433. 17th- and 18th-Century Literature (3). Prerequisite: FRW 3100 or FRW 3101. This course surveys major works in the areas of theatre, philosophy, and prose fiction. Special attention is given to the possible meanings of central concepts such as Classicism and Enlightenment.
FRW 4460. 19th-Century Literature (3). Prerequisite: FRW 3101. The study of major themes and issues in 19th-century literature and culture.
FRW 4480. 20th-Century Literature (3). Prerequisite: FRW 3101. A survey of the major works (novels, theatre, poetry) and movements of 20th-century French literature.
FRW 4761r. Studies in Francophone Literatures and Cultures (3). Prerequisite: FRW 3100. This course examines a variety of selected aspects of cultural forms (books, film, music, etc.) associated with one or more French-speaking region located outside France, including North Africa, West Africa, the Antilles, Quebec, Indo-china, and French-speaking islands in the Indian and Pacific oceans. May be repeated to a maximum of six semester hours.
FRW 4770r. Francophone Caribbean/African Cultures (3). Prerequisite: FRW 3101. This course examines the literature of Africa and the Caribbean written in French with an emphasis on Negritude and/or Creolite. May be repeated to a maximum of six semester hours.

German
German Language
GER 1110. Elementary Conversational German (4). (Conversational method.) Introduction to German with emphasis on speaking. Additional hours arranged for conversational practice. Students with more than two years of high school German or the equivalent should consult the department for placement. May not be taken by native speakers. May not be taken concurrently with GER 1111, 1120, 1121 and/or 2220.
GER 1110. Elementary Conversational German (4). Prerequisites: GER 1110, GER 1120 or equivalent. (Conversational method) Students with three or four years of high school German or higher should consult the department for placement. Offered with an emphasis on speaking. Additional hours arranged for conversational practice. May not be taken by native speakers. May not be taken concurrently with GER 1120, 1111, 1121, 1110 or ITA 1110, 1111, 1120, 1121.

GER 1120. Elementary German I (4). Introduction to German. May not be taken by native speakers. Students with two or more years of high school German or the equivalent should consult the department for placement. May not be taken concurrently with GER 1110, 1111, 1121 or 2220.

GER 1121. Elementary German II (4). Prerequisites: GER 1110, GER 1120 or equivalent. May not be taken by native speakers. Students with three or four years of high school German or the equivalent should consult the department for placement. May not be taken concurrently with GER 1110, 1111, 1120, or 2220.

GER 2220. Reading and Conversation (4). Prerequisites: GER 1121, GER 1111 or equivalent. Serves as final semester of the language requirement and as the transition to upper-level study. Contemporary reading matter, including films, slides, and recordings, serves as the basis for the department for placement. May not be taken concurrently with GER 1110, 1111, 1120, and or 2220.

GER 3310. Intermediate German Grammar (3). Prerequisite: GER 2220 or equivalent or instructor permission. Not open to native speakers. This course focuses on the rules of German grammar and syntax and employing them correctly in speaking and writing.

GER 3400. Composition and Conversation (3). Prerequisite: GER 2220 or instructor permission. The objective is the ability to write and converse on general cultural topics at a level that demonstrates near mastery of German grammar and the beginning of a personal style in the language. The course is conducted in German.

GER 3440. German Business Language and Practice (3). Prerequisite: GER 2220 or permission. An introduction to business languages and practices in German-speaking countries.

GER 3500. German Studies (3). Prerequisite: GER 2220 or instructor permission. This course, taught primarily in German, serves as an introduction to German studies. The course provides the student with an understanding of the major cultural aspects (literature, visual arts, history, politics, etc.) of German-speaking countries from the twentieth century to the present; the emphasis is placed on Germany in the second half of the twentieth century.

GER 3502r. Topics in German Studies (3). Prerequisite: GER 2220 or instructor permission. GER 3500 or GER 3310 are recommended. This course, taught primarily in German, presents a survey of one topic in the area of German studies. Topics may include themes or literature placed in a cultural and historical perspective. Topics will change frequently. May be repeated to a maximum of six semester hours with permission of instructor.

GER 3780. Phonetics (3). Prerequisite: GER 2220. The objectives are the acquisition of correct German sound formation by comparison with English phonetics and the improvement of the student’s conversational German through pronunciation exercises. The course is conducted in German.

GER 3900r. Special Topics (3). Prerequisite: GER 2220 or instructor permission. GER 3500 or GER 3310 are recommended. This course allows students to study non-literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of one semester hour when content changes.

GER 4420. Advanced Composition (3). Prerequisite: Two 3000-level GER courses or instructor permission. Course objective: ability to write with a developed personal style in German on intellectually demanding topics, including commentary on literature. Near mastery of German grammar is a prerequisite. The course is conducted in German.

GER 4840. Modern German of the News Media (3). Prerequisite: Two 3000-level courses or ITA 3420. A continuation of a specific literary movement such as Romanticism, Realism, Expressionism, or on a period such as the Baroque, the Enlightenment, or the Weimar period. May be repeated to a maximum of nine semester hours.

GER 4901r. Studies in an Author or Theme (3). Prerequisites: Two 3000-level courses or instructor permission. Course objective to study either a single author or in-depth or to follow a specific theme that may extend over a brief period or over centuries. Course material may include non-literary textual and audio-visual material. May be repeated to a maximum of nine semester hours.

GER 4902r. Studies in a Period or Movement (3). Prerequisites: Two 3000-level courses or instructor permission. Course objective to study a specific literary movement such as Romanticism, Realism, Expressionism, or on a period such as the Baroque, the Enlightenment, or the Weimar period. May be repeated to a maximum of nine semester hours.

GER 4903r. Special Topics (3). Prerequisites: Two 3000-level courses or instructor permission. May be repeated to a maximum of nine semester hours. Students arrange with individual faculty members to undertake study in areas outside the regular curriculum.

HBR 1120. Elementary Modern Hebrew (4). No previous knowledge required. May not be taken by native speakers. Introduction to the alphabet, basic vocabulary, grammar, and syntax of modern Hebrew. Oral comprehension, speaking, and writing are emphasized. The course is conducted in Hebrew.

HBR 1121. Elementary Modern Hebrew II (4). Prerequisite: HBR 1120 or equivalent. May not be taken by native speakers. Continues the introduction to modern Hebrew begun in HBR 1120. Cultural orientation and the practical use of Hebrew in meaningful situations. Prerequisite: completion of the elementary level. May not be taken concurrently with ITA 1110, 1120, 1121, and/or 2220.

HBR 2220. Intermediate Modern Hebrew (4). Prerequisites: HBR 1120 and HBR 1121 or equivalent. May not be taken by native speakers. Completion of this course will fulfill the foreign language requirement for the College of Arts and Sciences. In a proficiency-oriented classroom, students continue their study of Hebrew. Introduction to modern Hebrew prose (fiction and non-fiction) as well as the continued development of speaking, listening, writing, and grammatical skills. May not be taken concurrently with HBR 1120 and 1121.

ITA 1110. Elementary Conversational Italian I (4). (Dartmouth method) An introductory course emphasizing learning Italian through speaking and understanding skills at the elementary level. May not be taken by native speakers. May not be taken concurrently with ITA 1110, 1120, 1121, and/or 2220.

ITA 1111. Elementary Conversational Italian II (4). Prerequisite: ITA 1110 or equivalent. (Dartmouth method) This course builds upon the speaking and reading skills learned at the 1100 level. May not be taken by native speakers. May not be taken concurrently with ITA 1110, 1120, 1121, and/or 2220.

ITA 1120. Elementary Italian I (4). This introductory course gives the student basic grammatical structures to enable speaking, understanding, reading, and writing at the elementary level. May not be taken concurrently with ITA 1110, 1120, 1121, and/or 2220.

ITA 1121. Elementary Italian II (4). Prerequisite: ITA 1120 or 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 1110, 1120, and/or 2220.

ITA 2220. Reading and Conversation (4). Prerequisite: ITA 1111 or ITA 1121. Stresses skills in reading and conversational Italian at the second-year level. Readings are supported by discussions of the materials. This course completes the baccalaureate degree requirement. May be taken concurrently with ITA 1110, 1120, and/or 1121. 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. This course presents a review and further study of grammar and idiomatic constructions. Composition practice is emphasized. Prerequisites: Development of basic listening and speaking skills.

ITA 3421. Grammar and Composition (3). Prerequisite: ITA 3420. A continuation of ITA 3420 with greater stress on theme-writing skills.

ITA 3440. Business Italian (3). Prerequisite: ITA 2220 or equivalent. This course introduces current Italian business formats and provides practice in commercial correspondence with its specialized vocabulary and syntax.

ITA 3441r. Directed Individual Tutorial Practice (3). Prerequisites: ITA 1110, ITA 1120, ITA 1121, ITA 2220, or equivalent. This course develops skilled undergraduate tutors for the Dartmouth method ITA 1110/1111 sequence. May be repeated to a maximum of six semester hours.
ITA 4410. Advanced Italian Conversation (3). Prerequisite: ITA 3420 and ITA 3421 or equivalent. The course is designed to develop fluency in conversation skills at the fourth-year level by means of extensive vocabulary building and practice.

ITA 4450. Advanced Italian Composition and Style (3). Prerequisite: ITA 3421 or equivalent. The course stresses the morphological and syntactical order of Italian by means of extensive drill in controlled and free composition.

ITA 4500. Italian Culture and Civilization (3). Prerequisite: ITA 3100 and ITA 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 semester hours.

ITA 4930r. Special Topics (3). Prerequisite: Divisional coordinator 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 semester hours.

ITA 4935. Honors Thesis (1–6). May be repeated to a maximum of nine semester hours, three 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.

ITA 4942r. Internship in Applied Italian (1–6). (S/U grade only.) 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 semester hours.

Italian Literature and Culture in Translation

ITT 3430. Masterpieces of Italian Literature in Translation (3). After a brief overview of history of Italian literature, this course offers discussion and analysis of English translations of novels, short stories, and plays by such figures as Dante, Boccaccio, Machiavelli, Goldoni, Leopardi, Manzoni, Pirandello, Deledda, Moravia, and Pavese. May be counted for major or minor credit.

ITT 3500. Italian Culture and Civilization: From Origins to the Age of Romanticism (3). This course is an introduction to the cultural developments and sociopolitical changes in modern Italy. Topics include the Risorgimento to the formation of the nation; Fascism’s influence on the national culture; the Italian miracle of the postwar period; the North/South Question; the “Made in Italy” label in design; and the social phenomenon of immigration into Italy. Offered in English.

ITT 3501. Modern Italian Culture: From the Unification to the Present (3). This course is an introduction to the cultural developments and sociopolitical changes in modern Italy. Topics include the Risorgimento to the formation of the nation; Fascism’s influence on the national culture; the Italian miracle of the postwar period; the North/South Question; the “Made in Italy” label in design; and the social phenomenon of immigration into Italy. Offered in English.

ITT 3520. The Italian-American Experience in Literature and Film (3). This course examines the literature and film of American Renaissance and the cultural contributions made during the past century. The course is designed to assist students in exploring ways in which Italian and American cultures have combined to form a distinctive ethnic culture.

ITT 3523r. Italian Cinema (3). This course covers modern Italian cinema from the political and social realism to the postwar New Wave. May be repeated to a maximum of six semester hours. Taught in English.

Italian Literature (Writings)

ITW 3100. Survey of Italian Literature: Origins through 18th-Century (3). Prerequisite: ITA 2220 or equivalent. This course introduces students to representative literary figures and movements from the beginnings through the 18th century.

ITW 3101. Survey of Italian Literature: 19th- and 20th-Centuries (3). Prerequisite: ITA 2220. This course introduces students to representative literary figures and movements from the 19th and 20th centuries.

ITW 4400. Renaissance Literature (3). Prerequisites: ITW 3100 and ITW 3101 or equivalent. This course offers selected readings and discussions of the literature of the Italian Renaissance including such figures as Alberti, Lorenzo deMedici, Poliziano, Machiavelli, Michelangelo, Aragon, and Tasso.

ITW 4440r. 18th- and 19th-Century Literature (3). Prerequisites: ITW 3100 and ITW 3101 or equivalent. This course offers readings and discussions of figures and movements of the 18th and 19th centuries including Goldoni, Alfieri, Foscolo, Manzoni, Leopardi, and Verga. May be repeated to a maximum of six semester hours.

ITW 4480. 20th-Century Literature (3). Prerequisites: ITW 3100 and ITW 3101 or equivalent. This course offers an introduction to the variety of literary movements of the 20th-century Italian literature.

ITW 4481. Readings in Contemporary Italian Prose (3). Prerequisites: ITW 3100 and ITW 3101 or equivalent. This course offers readings and discussions of works of contemporary Italian writers.

ITW 4700r. The Trento Writers (3). Prerequisites: ITW 3100 and ITW 3101 or equivalent. This course offers a study of the Trento writers: Dante, Petrarch, and Boccaccio. Readings and discussions are available in both English and Italian. May be repeated to a maximum of nine semester hours.

Japanese

JPN 1120. Elementary Japanese I (4). This course stresses speaking and listening, although the acquisition of reading and writing skills is also an integral part of the course. Some fundamental morphological points introduced are word order, nominal particles, verbal endings, verb classification, speech levels, and the formation of some complex sentences. In addition, an introduction is given to the Japanese syllabaries and kanji. May not be taken by native speakers. May not be taken concurrently with JPN 1121, 2220 and/or 2300.

JPN 1121. Elementary Japanese II (4). Prerequisite: JPN 1120 or equivalent. This course continues to stress speaking, reading, listening, and writing skills using the syllabaries and kanji. May not be taken by native speakers. May not be taken concurrently with JPN 1120, 2220 and/or 2300.

JPN 2220. Intermediate Reading and Conversation (4). Prerequisite: JPN 1121 or equivalent. May not be taken by native speakers. This course continues to emphasize speaking and listening and introduces more of the essentials of Japanese syntax. About 400 kanji are introduced. May not be taken concurrently with JPN 1120, 1121 and/or 2300.

JPN 2300. Review Grammar and Syntax (4). Prerequisite: JPN 2220. This course is designed to give students an opportunity not only to strengthen their knowledge of basic grammar and syntax, but to gain better insight into the structure of modern Japanese. Through graded exercises students are taught to write sophisticated Japanese. May not be taken by native speakers. May not be taken concurrently with JPN 1120, 1121 and/or 2220.

JPN 3022. Readings in Short Stories and Essays (3). Prerequisite: JPN 2300. This course consists of selected materials in modern Japanese literature, humanities, and social sciences are introduced. The objectives of this course are to train students to be able to read some annotated works in original Japanese and to bring to students’ awareness various cross-cultural differences. May not be taken by native speakers.

JPN 3440. Business Japanese (3). Prerequisite: JPN 2220. This course trains students to utilize appropriate expressions in various business-related situations in Japan.

JPN 4412. Advanced Japanese (3). Prerequisite: JPN 3202. This course leads qualified students to develop their advanced-level skills in Japanese by reading and discussing various types of writings, ranging from newspaper articles to literary stories and essays.

JPN 4905r. Directed Individual Study (3). In this course, 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 semester hours.

JPN 4930r. Special Topics (3). Prerequisite: Divisional coordinator permission. This course is designed to give students an opportunity to study a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine semester hours. Duplicate registration allowed in the same semester.

JPN 4942r. Internship in Applied Japanese (1–6). (S/U grade only.) Prerequisite: Advanced standing in Japanese. This course 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 semester hours. Taught in English.

JPT 3122. Modern Japanese Literature in Translation (3). This course covers short stories and novels of major authors in modern Japanese literature after 1868, giving students an understanding of various aspects of modern Japan. May be repeated to a maximum of six semester hours. Taught in English.

JPT 4020r. Japanese Calligraphy (1). Prerequisite: JPN 1120 or 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 semester hours.

Korean

KOR 2220. Reading and Conversation (4). May not be taken by native speakers. This course emphasizes speaking and listening skills and more time is devoted to reading and writing. This course completes the baccalaureate degree requirement. May not be taken concurrently with KOR 1120 and/or 1121.

Linguistics

Note: All linguistics courses taken for Spanish major credit must be taken through the Department of Modern Languages and Linguistics.

LIN 3041. Introductory Linguistics for Foreign Language Majors (3). The purposes of this course are to develop a strong foundation in 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. May count toward the major in Spanish with a concentration in business, and the Spanish minor.

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 the nature of linguistic description. May count toward the major in Slavic (Russian) and Spanish.

LIN 4512. Introduction to Transformational Grammar (3). The purpose of this course is to expose students to the underlying principles of syntax. Students are taught the mechanics of syntactic theories dating from the late 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 semester hours.
This course is a first semester course in Portuguese for beginning students with no prior exposure to the language. This course emphasizes the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

**POR 1120. Elementary Portuguese I (4).** This course is a first semester course in Portuguese for beginning students with no prior exposure to the language. This course emphasizes the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

**POR 1121. Elementary Portuguese II (4).** Prerequisite: POR 1120. This course is a second semester course in Portuguese for beginning level students. This course emphasizes the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

**POR 2220. Intermediate Portuguese (4).** Prerequisites: POR 1120 and POR 1121. This course is a third semester course in Portuguese for intermediate level students. This course emphasizes 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 instructor permission. This course allows students to study literary, cultural, or linguistic topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine semester hours.

**POR 3141. Portuguese for Advanced Students of Spanish II (3).** Prerequisite: POR 3140. This course is based on positive transfer of applicable linguistic structures of Spanish and/or other Romance languages, 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).** In this course, 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 semester hours.

**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 equivalent. Continuation of RUS 1120. May not be taken by native speakers. May not be taken concurrently with RUS 1120 and/or 2220.

**RUS 2220. Intermediate Russian (4).** Prerequisite: RUS 1121 or equivalent. Grammar, reading, and conversation. May not be taken by native speakers. May not be taken concurrently with RUS 1120 and/or 1121.

**RUS 2330. Russian Grammar and Popular Culture (3).** Prerequisite or corequisite: 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 or corequisite: RUS 2330 or equivalent. Oral expression, writing practice, and review of grammar.

**RUS 3420. Russian Grammar and Composition (3).** Prerequisite or corequisite: RUS 2330 or equivalent. Development of writing and grammar skills.

**RUS 4410r. Advanced Russian Conversation (3-4).** Prerequisite: RUS 3400. Styles and levels of oral expression on a wide range of topics. May be repeated to a maximum of six semester hours

**RUS 4421. Advanced Russian Grammar and Composition (3).** Prerequisite: RUS 3420. Practical application of advanced language skills.

**RUS 4780. Phonetics (3).** Prerequisite: RUS 2220 or instructor permission. 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 the earliest records to the present.

**RUS 4905r. Directed Individual Study (3).** Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six semester hours.
SPN 1121. Elementary Spanish II (4). Prerequisite: SPN 1120 or equivalent. The course emphasizes oral communication and grammatical expertise, as well as listening comprehension. Topics include personal and business correspondence, legal documents, and medical terms. May not be taken by native speakers. May not be taken concurrently with SPN 1120, 1121, and/or 2220.

SPN 1124. Comprehensive Elementary Spanish (4). This is a one-semester course designed for the student who has no background in Spanish (for the equivalent), but who do not feel ready to go directly into SPN 2220 Intermediate Spanish. May not be taken by native speakers. Students passing SPN 1124 with a grade of “C” or better are eligible to enroll in SPN 2220.

SPN 2160r. Spanish for Careers (4). Prerequisites: SPN 1120 and SPN 1121, or SPN 1124, or instructor permission. This course introduces students to linguistic and cultural skills in Spanish as specific work environments such as law enforcement, education, or medicine. Course content varies with semester. May not be taken by native speakers. May be repeated as content varies to a maximum of eight semester hours. With approval of the department, may fulfill the arts and sciences language requirement.

SPN 2220r. Intermediate Spanish (4). Prerequisite: SPN 1121 and SPN 1124 or equivalent. The course emphasizes oral communication and grammatical expertise, as well as listening comprehension. Students will read short stories, poems, and articles, and will write extended compositions and papers in Spanish. May not be taken concurrently with SPN 1120, 1121, and/or 1124. May not be taken by native speakers.

SPN 2230. Intermediate Spanish II (3). Prerequisite: SPN 2220 or equivalent. This course completes the intermediate Spanish skills sequence and finishes the review of the grammar sequence begun in SPN 2220. Students deepen their functional skills in comprehension, speaking, reading, and writing Spanish and gain an overview of Hispanic culture in various countries. Not open to native or heritage speakers of Spanish.

SPN 3300. Spanish Grammar and Composition (3). Prerequisites: A grade of “C-” or higher in SPN 2220. This course develops communicative proficiency and accuracy in both reading and writing Spanish. Can be taken concurrently with SPN 3300. Not open to native or heritage speakers of Spanish.

SPN 3400. Spanish Reading and Conversation (3). Prerequisites: grade of “C-” or higher in SPN 2220. Students may integrate theory, vocabulary, language and gender, the sociology of language, the rights of linguistic minorities, language movements, and language policy.

SPN 4420. Advanced Spanish Composition and Translation (3). Prerequisites: SPN 3300 and SPN 3400. Stresses composition in Spanish with less emphasis on translation from Spanish into English. For students with prior knowledge of essential points of Spanish grammar.

SPN 4444. Business Writing in Spanish (3). Prerequisites: SPN 3300 and SPN 3400. Course covers letter writing, business terminology, as well as coordinating business in the Hispanic world.

SPN 4540r. Regional Cultural Studies (3). Prerequisites: SPN 3300 and SPN 3400, or SPN 3350. This course provides students with exposure to texts and cultural productions from specific regions of Latin America, Spain, or the Latino enclaves in the U.S. Texts may include historical documents, legends and myths, poetry, fiction, essays, or popular music. May be repeated to a maximum of six semester hours. Duplicate registration allowed in the same semester.

SPN 4740. Hispanic Sociolinguistics (3). Prerequisites: SPN 3300 and SPN 3400, or SPN 3350. This course provides students with a cultural and linguistic awareness of the Spanish language and of the various and numerous societies in which it is spoken. Topics that relate to the present include questions of gender, language and gender, the sociology of language, the rights of linguistic minorities, language movements, and language policy.

SPN 4780. Spanish Phonetics (3). Prerequisites: SPN 3300 and SPN 3400, or SPN 3350. Training in the production of acceptable speech sounds in Spanish and a knowledge of when to use those sounds (allophonic distribution). Class meets both in the classroom and in the language laboratory. The nonnative speaker can profit most from this course.

SPN 4905r. Directed Individual Study in Hispanic Language (3). The approval of the faculty member, the divisional coordinator, the Associate Chair for Undergraduate Studies, and the department chair is required. The student and the faculty member will meet each week. May be repeated to a maximum of six semester hours.

SPN 4930r. Studies in Hispanic Language (3). Prerequisites: SPN 3300 and SPN 3400 or instructor permission. May be repeated when content varies for a maximum of six semester hours.

SPN 495r. Honors Thesis (1–6). May be repeated to a maximum of nine semester hours, three hours of which may be applied to the requirements for the major with permission of the department. All honors work is directed by the student’s honors committee.

SPN 4942r. Internship in Applied Spanish (1–6). (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 language. Departmental permission required. May be repeated to a maximum of six semester hours.

Spanish Literature in Translation

SPT 3100. 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. Does not count toward major or minor in Spanish.

SPT 3130. Latin American Literature in Translation (3). Reading and study of some of the outstanding modern prose writers of Latin America, such as Azuela, Carpenter, Borges, Rulfo, Fuentes, Garcia Marquez, Machado de Assis, and Amado. Does not count toward major or minor in Spanish. Spanish with a concentration in business, or Spanish co-majors. This class counts for Latin American and Caribbean studies major and minor. Taught in English.

Spanish Literature (Writings)

SPT 339fr. Hispanic Cinema (3). Study of the films, movements, and directors of Hispanic cinema. A maximum of three semester hours may be applied toward major or minor credit in Spanish; however, it may not be applied toward major or minor literature credit in either Spanish or Latin American and Caribbean studies. May be repeated to a maximum of six semester hours. Taught in English.

SPW 3030. Approaching Hispanic Literature (3). Prerequisites: SPN 3300, SPN 3350, or instructor permission. This course is a multi-genre introduction to literary analysis. It seeks to develop basic cultural and linguistic skills, understanding of Hispanic cultures, and interpretation of Hispanic literature.

SPW 3103. Readings from Early Iberia (3). SPW 3030. Through a variety of readings and written and oral activities, this course provides students with a fundamental knowledge of the critical issues related to the early Iberian peninsula, from approximately 1492 to 1800. Topics may include the conquest, slavery, mestizaje, founding of the first Latin American institutions, and the arts and ideologies of nation-building, the cultural role of the Church, and culture in an age of territorial expansion.

SPW 3104. Readings from Modern Spain (3). Prerequisite: SPW 3030. This course provides students, through a variety of readings and written and oral activities, with a fundamental knowledge of the critical issues related to modern Spain from 1700 to the present.

SPW 3132. Readings from Early Spanish America (3). Prerequisite: SPW 3030 or instructor permission. Through a variety of readings and written and oral activities, this course provides students with knowledge about early Spanish America, from approximately 1492 to 1800. Topics may include the conquest, slavery, mestizaje, founding of the first Latin American institutions, and the arts and ideologies of nation-building, the cultural role of the Church, and culture in an age of territorial expansion.

SPW 3493. Readings from Modern Spanish America (3). Prerequisite: SPW 3030. Through a variety of readings and written and oral activities, this course provides students with knowledge about modern Spanish America, from 1800 to the present. Topics may include indigenous and Afro-Caribbean cultures, multiculturalism, revolutions, globalization, and border issues.

SPW 4140r. The Poetics of Hispanic Love and Violence (3). Prerequisites: Two 3000-level literature courses or instructor permission. This course explores poems and other forms of expression that address the complexities of the sentiments of love and violence in the manner that it has been expressed in Hispanic culture. It will introduce and engage themes of gender and the body as they relate to politics, national identity, and culture from Latin America and Spain. May be repeated to a maximum of six semester hours.

SPW 4150r. Transatlantic Encounters (3). Prerequisites: Two 3000-level literature courses or instructor permission. This course emphasizes the cultural and historical connection between Spanish America and Spain. Topics of study may include the subaltern, history and literature, early Spanish literature, early Spanish America, identities and Modernismo/Generacion del 98. May be repeated to a maximum of six semester hours.

SPW 4190r. Special Topics in Hispanic Languages and Literature (3). Prerequisites: Two 3000-level courses or equivalent. Variable topics chosen from Spanish language movements, periods, figures, and problems. May be repeated to a maximum of six semester hours.

SPW 4301r. Hispanic Culture and Performance (3). Prerequisites: Two 3000-level literature courses or instructor permission. The study of dramatic works or performances from a Spanish-speaking region within a particular period, including its socio-historical, literary, biographical, and cultural contexts. Students may participate in a workshop preparation of the work(s) studied. May be repeated to a maximum of six semester hours.

SPW 4481r. Contemporary Spanish Women Writers (3). Prerequisites: Two 3000-level literature courses. Course introduces the student to the works of 20th-century Spanish women writers and the critical attention they have received.

SPW 4491. Spanish-American Women Writers (3). Prerequisites: Two 3000-level literature courses. The study of Spanish-American women writers, varying from year to year, focusing on prose fiction, non-fiction and/or drama. Supplementary readings from critical and theoretical works.

SPW 4770. Caribbean Literature (3). Prerequisites: Two 3000-level literature courses or instructor permission. This course focuses on the reading, discussion, and analysis of works by Hispanic Caribbean authors, with an emphasis on the history, cultural life, and social conditions of Cuba, Puerto Rico, and the Dominican Republic as it is reflected in the literature.

SPW 4980r. 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 semester hours.
<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>GEW 5597r</td>
<td>Studies in a Period: Special Topics (3).</td>
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<tr>
<td>GEW 5906r</td>
<td>Directed Individual Study (3). (S/U grade only.)</td>
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<tr>
<td>GEW 5915r</td>
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<tr>
<td>ITA 5060</td>
<td>Graduate Reading Knowledge in Italian (3). (S/U grade only.)</td>
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<tr>
<td>ITA 5069r</td>
<td>Reading Knowledge Examination (0). (S/U grade only.)</td>
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<tr>
<td>ITA 5455r</td>
<td>Advanced Italian Composition and Style (3).</td>
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<td>ITA 5595r</td>
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<td>ITW 5415</td>
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<tr>
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<td>LIN 5908r</td>
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<td>LIN 5932r</td>
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<td>POR 5930r</td>
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<tr>
<td>RUS 5415r</td>
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<tr>
<td>RUS 5845s</td>
<td>History of the Russian Language and Reading of Old Russian Texts (3).</td>
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<td>RUS 5940r</td>
<td>Teaching Practicum (0–5). (S/U grade only.)</td>
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<td>RUS 6925r</td>
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<td>RUT 5115</td>
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<tr>
<td>RUW 5930r</td>
<td>Special Topics (3).</td>
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Serbo-Croatian
- 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
- SPN 5805. Spanish Morphology and Syntax (3).
- SPN 5845. History of the Spanish Language (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 Language (Writing)
- SPW 5195r. Studies in Hispanic Literatures and Cultures (3).
- SPW 5210. Spanish Golden Age Prose (3).
- SPW 5275r. Spanish 20th-Century Novel (3).
- SPW 5315. Spanish Golden Age Theater (3).
- SPW 5337. Spanish Poetry from 1700 to Present (3).
- SPW 5356. Early and Modern Spanish American Poetry through Modernism (3).
- SPW 5357. Contemporary Spanish American Poetry since Modernism (3).
- SPW 5358. Spanish American Prose: Nonfiction (3).
- SPW 5380. Early and Modern Spanish American Prose Fiction to 1927 (3).
- SPW 5386. Contemporary Spanish American Prose Fiction since 1927 (3).
- SPW 5405. Medieval and Early Renaissance Spanish Literature (3).
- SPW 5486. Contemporary Spanish Women Writers (3).
- SPW 5500. Cervantes (3).
- SPW 5747. 20th Century Mexican Prose (3).
- SPW 5900r. Directed Individual Study (3). (S/U grade only.)
- SPW 5910r. Supervised Research (1–5). (S/U grade only.)
- SPW 6806. Research Criticism and Professional Issues (3). (S/U grade only.)
- SPW 6934r. Topics in Hispanic Language and Literature (3).
- SPW 6939r. Seminar on a Spanish American Author (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MOTION PICTURE ARTS

COLLEGE OF MOTION PICTURE ARTS

Web Page: http://film.fsu.edu/
Dean: Frank Patterson; Associate Dean: Reb Braddock; Assistant Dean: Fred Salancy; Associate Professor: Auzenne; Assistant Professor: Sydner; Filmmakers in Residence: Allen, Carruth, Cohen, France, Kuleko, Long, Meyer, Nunez, Socon, Simmons, Slade; Dean Emeritus: Fielding

The Florida State University College of Motion Picture Arts offers Bachelor of Fine Arts (BFA) and Master of Fine Arts (MFA) degrees. At the undergraduate level, the College offers BFA degrees with majors in Production and in Animation and Digital Arts. At the graduate level, the College offers MFA degrees in Production and in Writing to those admitted. The BFA programs combine schooling in motion picture production with solid grounding in liberal studies. The curriculum of each program directs students through a course of study that teaches the special language of motion picture storytelling through the production of a series of short, narrative projects. The College funds virtually all student production expenses, including those of the thesis projects, a portion of production design, and catering. Screenwriting, production, and film analysis are each viewed as part of an integrated process. The goal of the programs is to produce educated, literate, and creative artists who are prepared for careers in the motion picture industry. Core courses in the BFA majors include producing, directing, screenwriting, editing, camera and lighting, sound, production management, motion picture history, theory, and aesthetics. Please consult the Graduate Bulletin for information regarding the MFA program.

The purpose of this curriculum is to furnish the conceptual framework, the professional training and the working environment for eventual participation in a profession that is a powerful influence in our culture. The goals of the College of Motion Picture Arts are to fully educate students and to help them become integral members of the academic community of Florida State University, responsible members of the entertainment profession, and participants in a creative and artistic process.

The program in Motion Picture Arts is under constant review and subject to change. For further information, please refer to http://film.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 the College of Motion Picture Arts satisfy this requirement by earning a grade of “C-” or higher in FIL 4972r, Thesis Film Production Management.

Requirements for a Major in Motion Picture Arts - Production

This major emphasizes three areas: production skills, screenwriting, and interpretative analysis. Traditional classes in these areas will be supplemented with: (1) problem-solving seminars simulating entertainment business dilemmas; (2) laboratory courses in production techniques; and (3) screenings and workshops conducted by active film professionals.

The degree will require completion of a minimum of one hundred twenty semester hours. For a sample listing of the required curriculum plan, please refer to http://film.fsu.edu.

To fulfill the requirements of the Production major in the College of Motion Picture Arts, a student must:

- Possess sufficient mobility, strength, and dexterity in both hands and legs to lift, carry, and operate filmmaking equipment
- Possess sufficient visual capacity to perform the functions of a film crew member without the assistance of visual aids other than contact lenses or eyeglasses
- Possess sufficient aural capacity to hear and understand spoken instructions without assistance other than a hearing aid
- Be able to comprehend oral and written instructions, policies, and procedures related to the College of Motion Picture Arts, filmmaking protocols, and the operation of equipment
- Possess the ability to adequately communicate orally, in English, with others

Requirements for a Major in Motion Picture Arts - Animation and Digital Arts

This major emphasizes three core areas: live-action and CG production skills, screenwriting and previsualization, and interpretative analysis.

MOLECULAR BIOLOGY: see Biological Science

MOLECULAR BIOPHYSICS, PROGRAM IN: see Graduate Bulletin
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 professionals.

The degree will require completion of a minimum of one hundred twenty semester hours. For a sample listing of the required curriculum plan, please refer to http://film.fsu.edu.

To fulfill the requirements of the Animation and Digital Arts major in the College of Motion Picture Arts, a student must:
- Possess sufficient mobility, strength, and dexterity in both hands and legs to lift, carry, and operate filmmaking equipment
- Possess sufficient visual capacity to perform the functions of a film crew member without the assistance of visual aids other than contact lenses or eyeglasses
- Possess sufficient aural capacity to hear and understand spoken instructions without assistance other than a hearing aid
- Be able to comprehend oral and written instructions, policies, and procedures related to the College of Motion Picture Arts, filmmaking protocols, and the operation of equipment
- Possess the ability to adequately communicate orally, in English, with others

This major is only offered as a part of a dual-enrollment package with the Digital Domain Institute. During sophomore, junior, and senior years, students in the Animation and Digital Arts major are required to also enroll in a three-year diploma program from the Digital Domain Institute. This diploma program is designed to supplement the BFA curriculum with specialized, technical training in the production of CG animation and visual effects. The diploma program is a separate course of study from the BFA program; students are required to take both concurrently, but no course credits can transfer between the two programs. Graduating students earn two separate credentials: a Bachelor of Fine Arts degree from the Florida State University College of Motion Picture Arts; and a Digital Arts 3 Year Diploma from the Digital Domain Institute.

Admission

Admission to the College of Motion Picture Arts is limited access, making admission highly selective and competitive. Applicants must apply to Florida State University’s Office of Admissions by their Fall admission deadline and must submit a separate application to the College of Motion Picture Arts. Each applicant must submit a resume, three letters of recommendation, copies of high school and college transcripts, and a 500–1000 word essay describing his or her motivation for becoming a filmmaker. 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 online by the College of Motion Picture Arts no later than the University’s Fall admission deadline for the applicant to be considered for admission the following Fall semester. More information concerning the undergraduate application is available online at http://film.fsu.edu.

Freshmen majors will not enroll in major classes prior to their sophomore year in order to concentrate full-time on fulfilling their liberal studies requirements. During sophomore, junior, and senior years, students in the Animation and Digital Arts major are required to be resident in West Palm Beach where classes for this major are delivered.

Grade Requirements

Motion Picture Arts 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 College of Motion Picture Arts Professional Code of Conduct. In addition, continuation as a major 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

Motion Picture Arts 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. If the cumulative GPA falls below 3.0 in all major requirements, it will result 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 College of Motion Picture Arts 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 College of Motion Picture Arts with respect to the student(s) involved.

Liberal Studies Program

All undergraduates majors in the College of Motion Picture Arts are required to meet Florida State University’s liberal studies requirements as specified in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Transfer Students

The College of Motion Picture Arts will accept transfer students for admission each Fall semester, and those students must have completed twenty-seven semester hours of their liberal studies requirements prior to their initial Fall semester in the College. Applications must be submitted separately to both the College of Motion Picture Arts and the Florida State University Office of Admissions. The College of Motion Picture Arts application is available online at http://film.fsu.edu. Transfer students must satisfy the same major requirements as students who take all of their coursework in the College of Motion Picture Arts.

Honors in the Major

The College of Motion Picture Arts offers an Honors in the Major program 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 College of Motion Picture Arts 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 program.

Film Studies Minor in the College of Motion Picture Arts

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 semester hours in courses approved for film studies. All students are required to take
either FIL 2001 Introduction to Film or FIL 2030 Film History. 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 visit http://film.fsu.edu/Undergraduate-Programs/Minor-in-Film-Studies.

Core Courses (one required of all minors)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIL 2001</td>
<td>Introduction to Film (3)</td>
</tr>
<tr>
<td>FIL 2030</td>
<td>History of Motion Pictures (3)</td>
</tr>
</tbody>
</table>

Other Film Studies Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ANT 4930</td>
<td>Special Topics in Anthropology: Anthropology through Film (3)</td>
</tr>
<tr>
<td>CHT 3391</td>
<td>Chinese Cinema and Culture (3)</td>
</tr>
<tr>
<td>ENG 3110</td>
<td>Film Genres (3)</td>
</tr>
<tr>
<td>ENG 4115</td>
<td>Film Theory (3)</td>
</tr>
<tr>
<td>FRT 3520r</td>
<td>French Cinema (3)</td>
</tr>
<tr>
<td>GET 3524r</td>
<td>German Cinema (3)</td>
</tr>
<tr>
<td>HUM 3321</td>
<td>Multicultural Dimensions of Film and 20th-Century Culture (3)</td>
</tr>
<tr>
<td>ITT 3523r</td>
<td>Italian Cinema (3)</td>
</tr>
<tr>
<td>JPT 3391</td>
<td>Japanese Film and Culture (3)</td>
</tr>
<tr>
<td>MEL 7110</td>
<td>Bioethics on Film (2–12)</td>
</tr>
<tr>
<td>PRT 3391</td>
<td>Brazilian Literature and Film in Translation (3)</td>
</tr>
<tr>
<td>RTV 3001</td>
<td>Media Techniques (3)</td>
</tr>
<tr>
<td>RTV 3101</td>
<td>Writing for the Electronic Media (3)</td>
</tr>
<tr>
<td>RTV 3104</td>
<td>Narrative Writing for Television and Film (3)</td>
</tr>
<tr>
<td>RUT 3523r</td>
<td>Russian Cinema (3)</td>
</tr>
<tr>
<td>SPW 3391r</td>
<td>Hispanic Cinema (3)</td>
</tr>
</tbody>
</table>

Definition of Prefix

FIL—Film

Undergraduate Courses

FIL 2001. Introduction to Film (3). Introduction to the basic terminology, techniques, and contributions of filmmaking and critical analysis skills to film/video form and content.

FIL 2030. History of Motion Pictures (3). Overview of international film as an industry, mass medium, and art form.

FIL 2110. Screenwriting I (3). Prerequisite: Major status. 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: Major status. Provides a basic understanding of film production technology, equipment operation, terminology, and techniques.

FIL 2533. Film Sound (3). Prerequisite: Major status. Teaches the principles of sound and the basic practices involved in creating a motion picture sound track. Also covers the aesthetic use of sound in motion pictures.

FIL 2552. Film Editing (3). Prerequisite: Major status. Analyzes, discusses, and puts into practice the skills and techniques required to edit a narrative motion picture.

FIL 2710. Visualization I (3). Prerequisite: Major status. This course provides an introduction to the visual communication skills and techniques required for the development and previsualization of narrative motion pictures.

FIL 3132. Screenwriting II (3). Prerequisite: Major status. 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 (1–6). Prerequisite: Major status. 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 semester hours.

FIL 3433. Filmmaking II (3). Prerequisite: Major status. Provides understanding of objective oriented acting techniques and develops effective methods for working with actors in rehearsal and on set. Requires directing a short film project.

FIL 3516. Film Camera and Lighting (3). Prerequisite: Major status. Provides a theoretical and practical knowledge of all aspects of cinematography: cameras and lenses, film stocks, exposure, lights, lighting, and composition.

FIL 3711. Visualization II (3). Prerequisite: Major status. This course provides an intermediate-level instruction in the visual development skills required for the preproduction and previsualization of narrative motion pictures.

FIL 3803. 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: Major status. Analyzes motion picture form and content through the styles of selected filmmakers with emphasis on genres, national movements, and other topics of interest. May be repeated to a maximum of six semester hours.

FIL 3922r. Film Genres and Filmmakers (1). Prerequisite: Major status. Provides students the opportunity to view historical and current films followed by discussions in an academic forum. May be repeated to a maximum of six semester hours.

FIL 3932r. Special Topics (3–12). Prerequisite: Major status. An analysis of specialized topics in motion pictures. May be repeated during the same term to a maximum of twelve semester hours.

FIL 3963. BFA Qualifying Exam (0). Prerequisite: Major status. Evaluates the progress of the student and recommends continuation 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: Major status. 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 semester hours.

FIL 4135. Screenwriting III (3). Prerequisite: Major status. Development of 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: Major status. Teaches aspects of feature screenwriting format, pitching ideas, creating and developing character, story, and dialogue.

FIL 4164. Feature Screenwriting: Development (3). Prerequisite: Major status. Teaches the various techniques of screen breakdown, setting up, sequencing, character development, and dialogue development. Also teaches rewriting techniques to strengthen first drafts.

FIL 4434r. Advanced Filmmaking (3–9). Prerequisite: Major status. Advanced principles and practice of making a short, sync-sound, 16 mm film. May be repeated to a maximum of nine semester hours.

FIL 4474. Production: Advanced Cinematography (3). Prerequisite: Major status. 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: Major status. 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: Major status. Offers advanced study in film editing techniques and styles.

FIL 4602. Film Business Planning (3). Prerequisite: Major status. Exposes students to current business trends and issues in the film industry; introduces case studies that examine all business aspects surrounding a feature film; introduces current readings on the film industry.

FIL 4613. Film Exhibition and Advertising (3). Prerequisite: Major status. To provide background in the marketing, advertising, and exhibition of film to audiences.

FIL 4653. Film Law (3). Prerequisite: Major status. Provides a working knowledge of the specialized concepts and vocabulary pertaining to entertainment-related forms of intellectual property and the contractual relationships necessary to finance, create, and license various forms of entertainment.

FIL 4654. Film Producing and Finance (3). Prerequisite: Major status. An introduction to 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.

FIL 4712r. Visualization III (3). Prerequisite: Major status. This course provides an advanced-level instruction in the visual development skills required for the preproduction and previsualization of narrative motion pictures. May be repeated to a maximum of six semester hours.

FIL 4872. Film Aesthetics (3). Prerequisite: Major status. Analysis of film with regard to three basic questions: 1) What is film? 2) How do we perceive film? 3) How is an aesthetic developed?

FIL 4965r. Directed Individual Study (1–3). (S/U grade only.) Prerequisites: Major status and junior standing. May be repeated to a maximum of six semester hours.

FIL 4910r. Application of Research and Creative Methods (1–3). (S/U grade only.) Prerequisites: Major status and junior standing. Participation in a faculty or graduate student research and/or creative project. May be repeated to a maximum of six semester hours.

FIL 4923r. Undergraduate Film Seminar (1–6). Prerequisite: Major status. Development of a creative film project under the direction of a faculty member or industry professional in various areas. May be repeated to a maximum of six semester hours.

FIL 4933. Professional Development (3). Prerequisite: Major status. Course prepares students to enter the professional film work arena; addresses the search for employment within the film industry and the search for funds to produce independent work.

FIL 4940r. Application of Instruction Methods (1–3). (S/U grade only.) Prerequisite: Major status. Participation in the instructional process under the strict supervision of a faculty member. May be repeated to a maximum of six semester hours.

FIL 4945r. Professional Internship (1–12). (S/U grade only.) Prerequisite: Major status. Apprenticeship experience with a company involved in film/video production, distribution, or exhibition. May be repeated to a maximum of twelve semester hours.

FIL 4970r. Thesis Defense (0). (P/F grade only.) Prerequisite: Major status. Presentation of senior thesis film to the faculty and student body for review and approval.

FIL 4972r. Thesis Film Production Management (3–6). Prerequisite: Major status. Production management for BFA thesis films. May be repeated to a maximum of fifteen semester hours.

FIL 4973r. Thesis Film (1–15). Prerequisite: Major status. Study and practice of all the creative aspects of BFA thesis films. May be repeated to a maximum of fifteen semester hours.
Graduate Courses

FIL 5021. History and Criticism I (3).
FIL 5022. History and Criticism II (3).
FIL 5155L. Screenwriting I: Techniques and Treatments (2–6).
FIL 5156L. Screenwriting 2: Narrative Techniques (2–6).
FIL 5157L. Screenwriting 3: Advanced Workshop (2–6).
FIL 5159. Screenwriting V: Motion Picture Workshop (3).
FIL 5408r. Preproduction and Production Planning (3–12).
FIL 5429L. Basic Film Production (2–6).
FIL 5458r. Principles and Practice of Technical and Creative Support (3).
FIL 5459r. Practicum in Technical Support (1–12).
FIL 5464Lr. Directing Actors (2).
FIL 5468Lr. Advanced Directing (2).
FIL 5469. Acting for the Camera (3).
FIL 5519L. Camera and Light Mechanics (2–6).
FIL 5546. Advanced Sound (2–6).
FIL 5555L. Film Editing (2–4).
FIL 5560L. Advanced Editing (2–6).
FIL 5590L. Lighting Workshop (2–6).
FIL 5591r. Production Design Workshop (2–12).
FIL 5592L. Sound Workshop (2).
FIL 5593L. Postproduction Sound Workshop (2).
FIL 5594r. Directing: Multicamera Workshop (3–9).
FIL 5595Lr. Directing: Single-Camera Workshop (2).
FIL 5635. Distribution and Financing Workshop (3).
FIL 5636Lr. Advanced Workshop in Area of Specialization (2–12).
FIL 5642L. Producing 1 (2).
FIL 5646L. Producing 2 (2).
FIL 5649Lr. Production Management (2).
FIL 5774r. Basic Video Production (3–6).
FIL 5781. Intermediate Television Editing (3).
FIL 5782. Advanced Television Editing (3).
FIL 5805r. Critical Studies in Film and Television (3).
FIL 5806. Critical Methods in Motion Picture, Television, and Recording Arts (3).
FIL 5807. Critical Methods of Film Analysis (3).
FIL 5875r. Film Aesthetics (1).
FIL 5900r. Directed Individual Study (3–12). (S/U grade only.)
FIL 5912r. Supervised Research or Creative Activity (3). (S/U grade only.)
FIL 5921r. Colloquium in Motion Picture, Television, and Recording Arts (3).
FIL 5930r. Seminar in Motion Picture, Television, and Recording Arts (1). (S/U grade only.)
FIL 5931r. Special Topics in Motion Picture, Television, and Recording Arts (3–12).
FIL 5955r. Apprenticeship (1–12). (S/U grade only.)
FIL 5962r. MFA Qualifying Project (3–15).

For listings relating to graduate coursework 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

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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 ei-
ther a community college or a state university prior to being admitted to this program. Students may be admitted to the University without completing the prerequisites, but may not be admitted into the program.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/Florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

### Music

1. MUT X111 or MUT X121
2. MUT X112 or MUT X122
3. MUT X116 or MUT X126
4. MUT X117 or MUT X127
5. MUT X241 and MUT X242 and MUT X246 and MUT X247, or MUT X221 and MUT X222 and MUT X226 and MUT X227, or MUT X271 and MUT X272 and MUT X276 and MUT X277
6. MUN XXXX: one course for four credit hours
7. MVX XX1X: one course for two to four credit hours
8. MVX XX2X: one course for two to four credit hours
9. XXX XXXX: recommended courses vary from track to track
10. Secondary piano: proficiency by examination, or MVK X111 and MVK X112 and MVK X121 and MVK X122, or MVK X11r and MVK X12r and MVK X112r and MVK X121r and MVK X211 and MVK X221 as needed to achieve piano proficiency.

**Note:** Duplicate courses such as MVK X111r may be repeated up to four times.

### Music Composition

1. MUT X111 or MUT X121
2. MUT X112 or MUT X122
3. MUT X116 or MUT X126
4. MUT X117 or MUT X127
5. MUT X241 and MUT X242 and MUT X246 and MUT X247, or MUT X221 and MUT X222 and MUT X226 and MUT X227, or MUT X271 and MUT X272 and MUT X276 and MUT X277
6. MUN XXXX: one course for four credit hours
7. MVX XX1X: one course for two to four credit hours
8. MVX XX2X: one course for two to four credit hours
9. XXX XXXX: recommended courses vary from track to track
10. Secondary piano: proficiency by examination, or MVK X111 and MVK X112 and MVK X121 and MVK X122, or MVK X11r and MVK X12r and MVK X112r and MVK X121r and MVK X211 and MVK X221 as needed to achieve piano proficiency.

**Note:** Duplicate courses such as MVK X111r may be repeated up to four times.

### Music Teacher Education

1. EDF X005
2. EDF X085

**Note:** In addition to EDG X085, a minimum of six credit hours with an international or diversity focus is required. 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.

1. EME X040
2. MUT X111 or MUT X121
3. MUT X112 or MUT X122
4. MUT X116 or MUT X126
5. MUT X117 or MUT X127
6. MUT X241 and MUT X242 and MUT X246 and MUT X247, or MUT X221 and MUT X222 and MUT X226 and MUT X227, or MUT X271 and MUT X272 and MUT X276 and MUT X277
7. MUN XXXX: one course for four credit hours
8. MVX XX1X: one course for two to four credit hours
9. MVX XX2X: one course for two to four credit hours
10. MVX XX3X: one course for two to four credit hours
11. MVX XX4X: one course for two to four credit hours
12. MVX XX5X: recommended courses vary from track to track

### Music Performance

1. MUT X111 or MUT X121
2. MUT X112 or MUT X122
3. MUT X116 or MUT X126
4. MUT X117 or MUT X127
5. MUT X241 and MUT X242 and MUT X246 and MUT X247, or MUT X221 and MUT X222 and MUT X226 and MUT X227, or MUT X271 and MUT X272 and MUT X276 and MUT X277
6. MUN XXXX: one course for four credit hours
7. MVX XX1X: one course for two to four credit hours
8. MVX XX2X: one course for two to four credit hours
9. XXX XXXX: recommended courses vary from track to track
10. Secondary piano: proficiency by examination, or MVK X111 and MVK X112 and MVK X121 and MVK X122, or MVK X11r and MVK X12r and MVK X112r and MVK X121r and MVK X211 and MVK X221 as needed to achieve piano proficiency.

**Note:** Duplicate courses such as MVK X111r may be repeated up to four times.

### Music Theory

1. MUT X111 or MUT X121
2. MUT X112 or MUT X122
3. MUT X116 or MUT X126
4. MUT X117 or MUT X127
5. MUT X241 and MUT X242 and MUT X246 and MUT X247, or MUT X221 and MUT X222 and MUT X226 and MUT X227, or MUT X271 and MUT X272 and MUT X276 and MUT X277
6. MUN XXXX: one course for four credit hours
7. MVX XX1X: one course for two to four credit hours
8. MVX XX2X: one course for two to four credit hours
9. XXX XXXX: recommended courses are MUH X512, MUH X513, MUL X110, MUS X010, GER X120, GER X121, GER XXXX, and MUL X111
10. Secondary piano: proficiency by examination, or MVK X111 and MVK X112 and MVK X121 and MVK X122, or MVK X11r and MVK X12r and MVK X112r and MVK X121r and MVK X211 and MVK X221 as needed to achieve piano proficiency.

**Note:** Duplicate courses such as MVK X111r may be repeated up to four times.
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 Arts in Art Administration
Master of Arts in Music
Master of Music
Accompanying
Choral conducting
Composition
Instrumental conducting
Jazz studies
Music theory
Music therapy
MusicoLOGY (both historical and ethnomusicoLOGY)
Opera
Performance
Piano pedagogy
Master of Music Education
Doctor of Philosophy in Music Education
Doctor of Philosophy in Music
MusicoLOGY
Music Theory and Composition
Doctor of Music in Composition
Doctor of Music in Performance
Details of graduate programs can be found in the Graduate Bulletin.

Definition of Prefixes

MUC—Music: Composition
MUE—Music Education
MUG—Music: Conducting
MUH—Music: History/MusicoLOGY
MUL—Music Literature
MUM—Music: Commercial/Management/Administration
MUN—Music Ensembles
MO—Music: Opera/Musical Theatre
MR—Music: Church
MUS—Music
MUT—Music: Theory
MUY—Music: Therapy
MV—Applied Music: Brasses
MVH—Historical Instruments
MVJ—Applied Music: Jazz
MVK—Applied Music: Keyboard
MVO—Applied Music: Other
MVP—Applied Music: Percussion
MVS—Applied Music: Strings
MVV—Applied Music: Voice
MWW—Applied Music: Woodwinds

Undergraduate Courses

Composition

MUC 1211. Composition (2). Prerequisites: MUT 1111, MUT 1241, and instructor permission. 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 semester hours.
MUC 2321r. Composition (3). Prerequisites: MUC 2221r and instructor permission. For composition majors only. May be repeated to a maximum of six semester hours.
MUC 3610r. Film Scoring (3). Prerequisite: Instructor permission. Techniques of film scoring and review of application requirements. May be repeated to a maximum of six semester hours.

Music Education

MUE 1090. Orientation to Music Education/Music Therapy (1). (S/U grade only.)
MUE 1093. Freshman Seminar (1).
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 instructor permission. Corequisite: University Chorale (Summer) or approved substitute. Individual and group vocal techniques for the non-voice music education major.
MUE 2440. Introduction to String Instruments (2), Methods of tone production and pedagogy of string instruments. Required of music education choral majors.
MUE 3091. Orientation to Music Education/Therapy (1). (S/U grade only.) An orientation to the career options in music therapy.
MUE 3311. Reading and Teaching Music: Elementary (3). This course seeks to introduce the prospective music teacher to a variety of skills and techniques necessary for successful teaching in elementary school settings.
MUE 3334. Assessment and Teaching Music: Secondary Schools (3). Prerequisite: MUE 3311. Designed for undergraduate music education majors planning to teach general music classes in secondary schools, this course provides knowledge and experiences aimed at improving the student’s understanding, skills, and confidence as a teacher and musician.
MUE 3342. The Instrumental Program Strings and Orchestra (3). Required of music education instrumental majors.
MUE 3344. Teaching General Music K–12 (3). Prerequisites: MUE 3311 and MUE 3334. The rationale, sequence, and learning theory in relation to music for the general student (K–12).
MUE 3411. Methods of String Instruction (3). In this course, students have the opportunity to read current writings on string pedagogy, develop performance skills on two stringed instruments, and observe professionals teaching strings in the public schools. This course is required of all undergraduate instrumental music education majors.
MUE 3443. Introduction to Teaching String Instruments (3). Prerequisite: Admission to professional sequence or instructor permission. Teaching and performance techniques for string instruments.
MUE 3456. Techniques and Teaching: Oboe, Bassoon (2). The application of performance and teaching techniques and practices unique to oboe and bassoon.
MUE 3457. Techniques and Teaching: Flute, Clarinet, Saxophone (2). The application of performance and teaching techniques and practices unique to flute, clarinet, and saxophone.
MUE 3465. Techniques and Teaching: Brass Instruments (2). The application of performance and teaching techniques and practices unique to brasses.
MUE 3475. Techniques and Teaching: Percussion Instruments (2). The application of performance and teaching techniques and practices unique to percussion.
MUE 4101. 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 4392. Choral Literature and Conducting (2). Concurrent registration in MUE 3495r is required.
MUE 4393. Communication Skills for the Musician: Instrumental (2). This course examines communication in the conducting of instrumental music in public schools. It emphasizes verbal and non-verbal rehearsal techniques and the application of pedagogical skills in the classroom.
MUE 4394. Band and Orchestral Literature and Conducting (2). Concurrent registration in MUE 3496r is required.
MUE 4395r–4396r. Music Education Laboratory (one hour each). Required of all music education majors. MUE 4395r and 4396r each may be repeated to a maximum of four semester hours. 3495r Choral, 3496r Instrumental.
MUE 4044. Music Education in the American Society (3). This course analyzes the interaction of society, culture, and musical behavior with the activities, attitudes, and behaviors in the United States’ school systems.
MUE 4092r. Arts in Medicine Services (1–3). This course orientates, teaches, and coordinates students who wish to volunteer for Arts in Medicine practica at Tallahassee Memorial HealthCare. The purpose of the course is to allow each student to use her particular talents to benefit Tallahassee Memorial HealthCare patients, families, and staff. For each hour of academic credit, students are required to complete two hours per week of volunteer service throughout the semester. May be repeated to a maximum of three semester hours.

MUE 4342. The Instrumental Program in the Schools Band (2). Prerequisites: MUE 3343 and MUE 3494.

MUE 4391. Music in Special Education (3). Techniques of teaching music to children in special education programs. Open to music and non-music majors.

MUE 4392. Classroom Management, Safety, Law, and Ethics (3). This course examines the following issues: specific techniques in classroom management, discipline, crises prevention and intervention; techniques for providing a safe and positive classroom environment for all students; and knowledge concerning professional ethics, and legal expectations.

MUE 4397. Survey of Vocal Diction for Choral Music Educators (2).


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 4690. Technology for the Music Classroom (3). Prerequisite: Placement in 2000-level courses or instructor permission. 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 4940. Internship in Music (12). (S/U grade only.) Prerequisites: Senior standing and instructor permission.

MUS 4651. Nonverbal Communication in Human Interaction (2). This course contributes to the students’ knowledge and skill in decoding and encoding nonverbal communication and develops survival skills in American Sign Language.

MUY 4300. Medical Music Therapy (3). The purposes of this course are to understand the role and scope of music therapy in medical treatment; to learn to design music activities in medical situations to produce pain, anxiety, and distress; to participate in field experiences observing medical music therapy practices in a hospital setting; and to learn medical documentation for clinical music therapy.

Conducting

MUG 3104. Conducting (1). Prerequisite: MUT 1112. The elements of conducting and rehearsal techniques.


Music History

MUH 2011. Introduction to Music History—Music Appreciation: 18th and 19th Centuries (3). For non-music majors. Meets liberal studies requirements in area IV. A survey of musical expression in relation to the background of the life and art that created it, encompassing the great periods of music history of the 18th and 19th centuries, composers and their musical masterpieces, styles, and forms.

MUH 2012. Music in Western Culture, 19th and 20th Centuries (3). For non-music majors. Meets liberal studies requirements in area IV. A survey of the music literature and composers of the 19th and 20th centuries. This course will explore music and its relation to the other arts, the historical events of the times, and the milieu in which the music literature was created.

MUH 2021. Modern Popular Music (3). A survey of the development of popular music from the 1950s to the present. Emphasis on both the music and the cultural, social, economic, technological, and political conditions surrounding that music.

MUH 2051. Music Cultures of the World I (3). For non-music majors only. Meets the University multicultural component for the liberal studies requirements in cross-cultural studies.

MUH 2512. Music Cultures of the World II I, II (2, 2). For music majors only.

MUH 3053. American Roots Music (3). Studies of the diverse musics of North American minority groups, with an emphasis on Native American, African-American, Latin American, Asian, Jewish, and certain Euro-American traditions. Meets the University multicultural component for liberal studies requirements in diversity in Western culture.


MUH 3212. Survey of Music History II: 1750 to Present (3). Prerequisite: MUH 3211. Required of music majors. Survey of music history from 1750 to the present.

MUH 4321. History of Music: Medieval (3). Prerequisites: MUH 3211 and MUH 3212 or instructor permission.

MUH 4331. History of Music: Renaissance (3). Prerequisites: MUH 3211 and MUH 3212 or instructor permission.

MUH 4341. History of Music: Baroque (3). Prerequisites: MUH 3211 and MUH 3212 or instructor permission.

MUH 4351. History of Music: Classical (3). Prerequisites: MUH 3211 and MUH 3212 or instructor permission.

MUH 4361. History of Music: 19th Century (3). Prerequisites: MUH 3211 and MUH 3212 or instructor permission.

MUH 4371. History of Music: 20th Century (3). Prerequisites: MUH 3211 and MUH 3212 or instructor permission.

MUH 4531. African Soundscapes (3). This course introduces graduate students and upper-level undergraduates to the diversity of musical cultures from the African continent. Students explore various case studies from the continent and develop tools to interpret their musical value and contextual meaning. A background interest in music, anthropology, performance studies, or African studies is recommended.

MUH 4541. Music of Latin America I (3). A study of the diverse musical cultures of Latin America, including Native American, European, African, and Asian derived, and syncretic or mestizo forms.

MUH 4542. Music in Latin America II (3). A study of the religious and art music of Latin America from the Colonial Period to the present.

MUH 4543. Music in the Caribbean (3). A survey of the musics of the Caribbean Basin from Cuba to Trinidad-Tobago, the coastal regions of northern Venezuela and Colombia, and the eastern coasts of Central America and Mexico.

MUH 4571. Music of Indonesia (3). This course offers a survey of selected music cultures of Indonesia. The primary focus will be on gamelan music, especially that of Java and Bali. Popular and experimental Indonesian musical forms, as well as Indonesian-inspired music by Western composers, also will be investigated.

MUH 4572. Music of Japan (3). A study of the traditional music of Japan, emphasizing historical background and cultural contexts, instruments and ensembles, structures and styles, theatrical and dance forms, and contemporary music.

MUH 4582. Seminar in World Music Studies (3). The advanced study of contrasting music cultures from around the world, emphasizing both music as sound and music as culture.

MUH 4591. World Music Pedagogy (3). Prerequisites: MUH 2512 and MUH 4582. This course considers theory and practice of teaching undergraduate world music survey courses, including knowledge of and critical approaches to teaching materials in various media.


MUH 4680. Introduction to Historical Musicology (3). An introduction to the history, scope, and sources of musicological research.

MUH 4681. Senior Seminar in Music History (3). Prerequisite: MUH 4680. Basic research experience in music history.


Music Literature

MUL 2110. Survey of Music Literature (2). Prerequisites: MUL 1111 and MUL 1112 or equivalent. Required of music majors and minors.


MUL 3604. Vocal Solo Literature: German (2). Prerequisite: Junior standing. Required of voice performance majors.

MUL 4371. Music Since World War II (3). Recent musical techniques and aesthetics as revealed in selected works.

MUL 4420. Chamber Music Literature for Strings (3). A study of chamber music literature for strings alone, strings with keyboard, and strings with other instruments.

MUL 4430. Guitar Literature I (2). A study of guitar literature from the Renaissance to the Pre-Classic period.

MUL 4431. Guitar Literature II (2). A study of guitar literature from the Classic period to the present.

MUL 4441–4442. Solo Music Literature Seminar: Winds (three hours each.) 4441 Woodwinds, 4442 Brasses.

MUL 4460. Percussion Literature and Resource Seminar (3).

MUL 4490. Survey of Organ Literature (1).

MUL 4511–4512. Solo Music Literature Seminar: Winds (three hours each.) A survey of the major schools of organ composition, with particular emphasis on the contribution of organ music to the liturgy of the Western church.

MUL 4504r. Orchestral Wind Repertory (2). This course enables woodwind, brass, and percussion students to perform as well as to study works from the standard orchestral literature. May be repeated to a maximum of twenty-four semester hours.

MUL 4563. Chamber Music Literature for Piano and Winds (2). This course is a study of chamber music literature for wind instruments with keyboards.

MUL 4600. Survey of Sacred Vocal Literature (1). A survey of the sacred vocal literature available for the liturgical year.
Prerequisite: Audition. The study and performance of representative works drawn from grand opera, operettas, and musicals. Participation by string majors required. May be repeated to a maximum of four semester hours.

MUN 2430r. Brass Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for brasses. May be repeated to a maximum of four semester hours.

MUN 2440r. Percussion Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for percussion. May be repeated to a maximum of four semester hours.

MUN 2451r. Duo Piano (1). Prerequisite: Instructor permission. The study and performance of duo piano and piano duet literature. May be repeated to a maximum of four semester hours.

MUN 2460r. Chamber Music (0–1). Prerequisite: Instructor permission. The study and performance of vocal and/or instrumental ensemble literature. May be repeated to a maximum of four semester hours.

MUN 2471r. Collegium Musicum (0–1). Prerequisite: Instructor permission. The study and performance of music of the Middle Ages and Renaissance periods, with emphasis on historical validity, technical proficiency, and expressive musicianship. May be repeated to a maximum of four semester hours.

MUN 2472r. Baroque Ensemble (0–1). Prerequisite: Instructor permission. May be repeated to a maximum of four semester hours.

MUN 2480r. Guitar Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for guitar. May be repeated to a maximum of four semester hours.

MUN 2510r. Piano Vocal/Instrumental Accompanying (0–1). May be repeated to a maximum of four semester hours.

MUN 2710r. Jazz Ensemble (0–1). Prerequisite: Audition. The study and performance of jazz band literature. May be repeated to a maximum of four semester hours.

MUN 2720r. Jazz-Pop Ensemble (0–1). Prerequisite: Audition. The study and performance of jazz and popular vocal music. Ensemble may include choreography, performance with larger ensembles, and off-campus concerts. May be repeated to a maximum of four semester hours.

MUN 2800r. World Music Ensemble (0–1). Prerequisite: Instructor permission. May be repeated to a maximum of four semester hours.

MUN 4113r. Marching Chiefs (0–1). Prerequisite: Audition. Marching band experience open to all University students with prior marching band experience. May be repeated to a maximum of four semester hours.

MUN 4123r. Concert Band (0–1). Concert experience in a variety of literature for all University students. May be repeated to a maximum of four semester hours.

MUN 4133r. Symphonic Band (0–1). Prerequisite: Audition. Concert experience in a wide variety of literature. May be repeated to a maximum of four semester hours.

MUN 4143r. Wind Orchestra (0–1). Prerequisite: Audition. Professional-level performance in a wide variety of literature. May be repeated to a maximum of four semester hours.

MUN 4144r. Chamber Winds (0–1). Professional-level performance in a wide variety of wind-oriented chamber music. Open to graduate students and selected upper-level undergraduate students. May be repeated to a maximum of four semester hours.

MUN 4213r. University Symphony (0–1). Prerequisite: Audition. The study and performance of works representative of a broad spectrum of orchestral literature. Participation by string majors required. May be repeated to a maximum of four semester hours.

MUN 4223r. Chamber Orchestra (0–1). Prerequisite: Audition. The study and performance of works suitable for chamber orchestra. Open to selected undergraduate students. May be repeated to a maximum of four semester hours.

MUN 4233r. Opera Orchestra (0–1). Prerequisite: Audition. The study and performance of works drawn from grand opera, operettas, and musicals. May be repeated to a maximum of four semester hours.

MUN 4313r. University Singers (0–1). Prerequisite: Audition. The study and performance of works representative of a wide spectrum of choral literature. Open to all University students. May be repeated to a maximum of four semester hours.

MUN 4314r. Choral Union (0–1). The reading, study, and performance of choral repertoire for mixed voices. Open to all University students. May be repeated to a maximum of four semester hours.

MUN 4323r. Women’s Glee Club (0–1). The study and performance of representative choral works for women’s voices. Open to all women enrolled in the University. May be repeated to a maximum of four semester hours.

MUN 4333r. Men Glee Club (Collegians) (0–1). The study and performance of works drawn from grand opera, operettas, and musicals. Productions are presented in costume and makeup. May be repeated to a maximum of four semester hours.

MUN 4343r. Chamber Chorus (0–1). Prerequisite: Audition. The study and performance of accompanied and a cappella works suitable for a 24–30 voice mixed chorus. May be repeated to a maximum of four semester hours.

MUN 4353r. Opera Chorus (0–1). Prerequisite: Audition. The study and performance of works drawn from grand opera, operettas, and musicals. Productions are presented in costume and makeup. May be repeated to a maximum of four semester hours.

MUN 4393r. University Chorale (0–1). The study and performance of works representative of a wide spectrum of choral literature for mixed voices. Open to all University students except voice performance majors. May be repeated to a maximum of four semester hours.
MUN 4423r. Woodwind Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for woodwinds. May be repeated to a maximum of four semester hours.

MUN 4433r. Brass Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for brasses. May be repeated to a maximum of four semester hours.

MUN 4443r. Percussion Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for percussion. May be repeated to a maximum of four semester hours.

MUN 4454r. Duo Piano (1). Prerequisite: Instructor permission. The study and performance of duo piano and piano duet literature. May be repeated to a maximum of four semester hours.

MUN 4463r. Chamber Music (0–1). Prerequisite: Instructor permission. The study and performance of vocal and/or instrumental ensemble literature. May be repeated to a maximum of four semester hours.

MUN 4474r. Collegium Musicum (0–1). Prerequisite: Instructor permission. The study and performance of music of the Middle Ages and Renaissance periods, with emphasis on historical validity, technical proficiency, and expressive musicianship. May be repeated to a maximum of four semester hours.

MUN 4475r. Baroque Ensemble (0–1). Prerequisite: Instructor permission. May be repeated to a maximum of four semester hours.

MUN 4483r. Guitar Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for guitar. May be repeated to a maximum of four semester hours.

MUN 4513r. Piano Vocal/Instrumental Accompanying (0–1). May be repeated to a maximum of four semester hours.

MUN 4713r. Jazz Ensemble (0–1). Prerequisite: Audition. The study and performance of jazz band literature. May be repeated to a maximum of four semester hours.

MUN 4723r. Jazz-Pop Ensemble (0–1). Prerequisite: Audition. The study and performance of jazz and popular vocal music. Ensemble may include choreography, performance with larger ensembles, and off-campus concerts. May be repeated to a maximum of four semester hours.

MUN 4803r. World Music Ensemble (0–1). Prerequisite: Instructor permission. May be repeated to a maximum of four semester hours.

MUS 3300. Beginning C Computer Programming Techniques for Musicians (3). Introduction to microcomputer-based interactive graphics programming in the C language, including the designing and implementation of music computer programs.

MUS 3531. Multimedia for Musicians (3). Prerequisite: MUS 3530 or instructor permission. Provides students with a basic knowledge of multimedia hardware and software systems, particularly as they relate to music. Students will develop multimedia projects. May be repeated to a maximum of six semester hours.

MUS 3533r. Computers in Music Design Seminar (3). Prerequisite: MUS 3531. Discussions and experiences in music instructional design. May be repeated to a maximum of six semester hours.

MUS 3540. Electronics for Musicians (3). Basic concepts and practical experiences in digital and analog electronics for musicians.

MUS 3541. Digital Music Synthesis I (3). Prerequisite: Instructor permission. This course will provide students with basic theory and history of sound, knowledge of analog and digital sound recording and manipulation techniques, and an introduction to the art of electronic music.

MUS 3542. Digital Music Synthesis II (3). Prerequisite: MUS 3541. This course will provide students with basic knowledge of both digital and analog sound distortion and synthesis and resynthesis techniques and will allow them to explore the technology and art of digital music production.

MUS 3534r. Special Topics in Music (1–3). Prerequisite: Instructor permission. May be repeated to a maximum of nine semester hours.

MUS 3942r. Music Peer Advisement Practicum (0). (S/U grade only.) Introduction to leadership skills necessary for advising and counseling in the College. May be repeated to a maximum of four times.

MUS 4222. French Language and Diction for Singers (3). Prerequisite: FRE 1120. This course is the study of French diction and continuation of grammar studies from FRE 1120. The focus is on proper pronunciation of the French language and on grammatical and vocabulary necessary for translating texts of French melodies and operas.

MUS 4232. German Language and Diction for Singers (3). Prerequisite: GER 1120. This course is the study of German diction and continuation of grammar studies from GER 1120. The focus is on proper pronunciation of the German language and on grammatical and vocabulary necessary for translating texts of German Lieder and operas.

MUS 4242. Italian Language and Diction for Singers (3). Prerequisite: ITA 1120. This course is the study of Italian diction and continuation of grammar studies from ITA 1120. The focus is on proper pronunciation of the Italian language and on grammatical and vocabulary necessary for translating texts of Italian songs and operas.

MUS 4611. Psychology of Music Survey (3). Prerequisite: A 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 projects.

MUS 4743. Writing for Musicians (2). Experience in types of writing that are particularly useful to musicians: analyses, program notes, performance reviews, and research paper.

MUS 4801r. Dynamic Integration (0–1). This course helps 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 4894r. Honors Study (1–6). Prerequisite: Instructor permission. May be repeated to a maximum of nine semester hours.

MUS 4905r. Directed Individual Study (1–3). Prerequisite: Instructor permission. May be repeated to a maximum of semester hours.

MUS 4928r. Workshop in Music (2–6). Techniques in instruction and administration of music programs. Unlimited repeatability as long as the subject matter changes.

MUS 4936r. Senior Tutorial in Music (1–3). (S/U grade only.) Upper division music major status. Selected topics in music. May be repeated to a maximum of six semester hours.

MUS 4970r. Senior Project/Thesis/Recital (2). (S/U grade only.) Prerequisites: Senior standing, instructor permission, and, for students performing a recital, completion by jury of MV_ 3000 level applied music. May be repeated to a maximum of four semester hours.

MUT 4663. Jazz Styles and Analysis (2). This course examines the many aspects of jazz performance through the study of sound, rhythm, form, improvisation, and arrangement.

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 rhythm 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 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). 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 2112. The materials and structures of music.

MUT 2117. Music Theory IV (3). Prerequisite: MUT 2116. The materials and structures of music.

MUT 2246. Sight Singing and Ear Training III (1). Prerequisite: MUT 1242. The development of skills in sight singing and ear training.

MUT 2247. Sight Singing and Ear Training IV (1). Prerequisite: MUT 2246. The development of skills in sight singing and ear training.

MUT 2641r. Jazz Improvisation I (1). Prerequisite: MUT 1112. Skills in beginning jazz improvisation. May be repeated to a maximum of three semester hours.

MUT 2642r. Jazz Improvisation II (1). Prerequisite: MUT 2641. Knowledge and technical skills in jazz improvisation. May be repeated to a maximum of three semester hours.

MUT 3280. Post-Tonal Aural Skills (2). This class focuses upon aural skills for training for the performance and understanding of post-tonal music.

MUT 3353. Jazz Theory/Arranging I (3). Prerequisites: MUT 2117 and MUT 2247. A course designed to promote skills in arranging for the jazz ensemble.

MUT 3354. Jazz Theory/Arranging II (3). Prerequisite: MUT 3353 or instructor permission. Advanced skills in arranging for the jazz ensemble.

MUT 3421–3422. 18th-Century Counterpoint (two hours each). Prerequisites: MUT 2117, MUT 2247, and MUT 3421 or MUT 3422. The study of contrapuntal techniques of the 18th century.

MUT 3541. Form and Style: Classic (3). Prerequisites: MUT 2117 and MUT 2247. The study of the larger forms and procedures as expressed in the musical language of the Classic period.

MUT 3551. 19th-Century Styles (3). Prerequisites: MUT 2117 and MUT 2247. Stylistic studies of 19th-century music.

MUT 3571. 20th-Century Styles (3). Prerequisites: MUT 2117 and MUT 2247. Stylistic studies of 20th-century music.

MUT 4311. Orchestration (2). Prerequisites: MUT 3421 and MUT 3422. The study of the characteristic usage of orchestral instruments and the principles of scoring.

MUT 4321. Composing and Arranging for Wind Band (3). Prerequisite: Junior standing.

MUT 4411. 16th-Century Counterpoint (3). Prerequisites: MUT 2117 and MUT 2247. The study of contrapuntal techniques of the 16th century.

MUT 4572. Music Since World War II (3). This course covers recent musical techniques and aesthetics as revealed in selected works.

Music Therapy

MUY 3601. Music Recreation Techniques (3). Prerequisite: Class guitar (MVS 1116) or instructor permission.

MUY 4401. Music Therapy: Methods and Practicum I (3). Prerequisites: Senior standing in music therapy, completion of MUS 4612; or instructor permission.

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 4611. Music Therapy Drumming (1). This course emphasizes group drumming and improvisation techniques, applications for therapy and group drumming leadership skills for use in wellness, counseling, and other music therapy settings.

MUY 4940r. Clinical Internship in Music Therapy (1-12). (SU grade only.) Prerequisite: Completion of all coursework in music therapy. Six-month resident internship in an affiliated, approved clinical center. May be repeated once only and to a maximum of twenty-four semester hours.

Applied Music

MVB (J, K, O, P, S, V, W) 1010r–1019r. Applied Music (two 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 semester hours. Credit earned in the MVB (J, K, O, P, S, V, W) 1010r–1019r series will not apply to the requirement of the major or principal instrument. (See specific requirements.) Credit may be modified to one hour for all instruments.

MVB 1011r. App Mus Prep, Trumpet
MVB 1012r. App Mus Prep, French Horn
MVB 1013r. App Mus Prep, Trombone
MVB 1014r. App Mus Prep, Baritone Horn
MVB 1015r. App Mus Prep, Tuba
MVJ 1011r. App Mus Prep, Voice, Jazz
MVJ 1016r. App Mus Prep, Saxophone, Jazz
MVK 1011r. App Mus Prep, Piano
MVK 1013r. App Mus Prep, Organ
MVO 1010r. Modified Credit, All Instruments (1–2)
MVP 1011r. App Mus Prep, Percussion
MVS 1011r. App Mus Prep, Violin
MVS 1013r. App Mus Prep, Violin
MVS 1014r. App Mus Prep, Violoncello
MVS 1015r. App Mus Prep, Double Bass
MVS 1015r. App Mus Prep, Harp
MVS 1016r. App Mus Prep, Guitar
MWW 1011r. App Mus Prep, Voice

MVO 1010r–4040r. Undergraduate Coaching (one to two hours each). All instruments. Principal only. May be repeated to a maximum of four semester hours.

MVO 1011r. App Mus Undergraduate Coaching
MVO 2020r. App Mus Undergraduate Coaching
MVO 3030r. App Mus Undergraduate Coaching
MVO 4040r. App Mus Undergraduate Coaching

MVJ 111r. Class Piano (1). Prerequisites: Audition and instructor permission. Class instruction. For music majors other than keyboard principals and performance majors. Elementary keyboard techniques and musicianship. May be repeated to a maximum of two semester hours.

MVF 1111. Class Voice (1). Prerequisite: Instructor permission. Class instruction in the fundamentals of voice production. Elementary level.

MVS 1116. Beginning Class Guitar (1). For beginning guitar students. Emphasis on music reading and elementary techniques.

MVJ, H, K, O, P, S, V, W 1210r–1219r. Applied Music Secondary (two hours each). Private instruction. For students whose curriculum requires study of a secondary instrument. Each course may be repeated to a maximum of four semester hours. (See curricular regulations.) Credit may be modified by electing MVO 1210r (1), all instruments. All MVI courses may be taken for one to two (1–2) credit hours.

MVJ 1211r. App Mus Sec, Trumpet
MVJ 1212r. App Mus Sec, French Horn
MVJ 1213r. App Mus Sec, Trombone
MVJ 1214r. App Mus Sec, Baritone Horn
MVJ 1215r. App Mus Sec, Tuba
MVH 1217r. App Mus Sec, Bowed Strings
MVK 1211r. App Mus Sec, Piano
MVK 1213r. App Mus Sec, Organ
MVP 1210r. Modified Credit, All Instruments (1)
MVP 1211r. App Mus Sec, Percussion
MVS 1211r. App Mus Sec, Violin
MVS 1212r. App Mus Sec, Viola
MVS 1213r. App Mus Sec, Violoncello
MVS 1214r. App Mus Sec, Double Bass
MVS 1215r. App Mus Sec, Harp
MVS 1216r. App Mus Sec, Guitar
MVS 1217r. App Mus Sec, Voice
MVJ 1212r. App Mus Sec, Voice—Music Theatre
MVJ 1213r. App Mus Sec, Flute
MVJ 1214r. App Mus Sec, Oboe
MVJ 1213r. App Mus Sec, Clarinet
MVJ 1214r. App Mus Sec, Bassoon
MVJ 1215r. App Mus Sec, Saxophone

MVB (J, K, O, P, S, V, W) 1310r–1319r. Applied Music Principal (two hours each). Private instruction. Principal instrument. For students whose major is not performance. Each course may be repeated to a maximum of six semester hours. (See curricular regulations.) Credit may be modified by electing MVO 1310r (1), all instruments.

MVJ 1311r. App Mus Prin, Trumpet
MVJ 1312r. App Mus Prin, French Horn
MVJ 1313r. App Mus Prin, Trombone
MVJ 1314r. App Mus Prin, Flute
MVJ 1315r. App Mus Prin, Piano, Jazz
MVJ 1311r. App Mus Prin, Piano, Jazz
MVJ 1313r. App Mus Prin, Guitar, Jazz
MVJ 1314r. App Mus Prin, Bass, Jazz
MVJ 1316r. App Mus Prin, Saxophone, Jazz
MVJ 1317r. App Mus Prin, Trumpet, Jazz
MVJ 1318r. App Mus Prin, Trombone, Jazz
MVJ 1319r. App Mus Prin, Percussion, Jazz
MVJ 1311r. App Mus Prin, Piano
MVJ 1313r. App Mus Prin, Organ
MVO 1310r. Modified Credit, All Instruments (1)
MVP 1311r. App Mus Prin, Percussion
MVS 1311r. App Mus Prin, Violin
MVS 1312r. App Mus Prin, Viola
MVS 1313r. App Mus Prin, Violoncello
MVS 1314r. App Mus Prin, Double Bass
MVS 1315r. App Mus Prin, Harp
MVS 1316r. App Mus Prin, Guitar
MVV 1311r. App Mus Prin, Voice
MVV 1312r. App Mus Prin, Voice—Music Theatre
MVW 1311r. App Mus Prin, Flute
MVW 1312r. App Mus Prin, Oboe
MVW 1313r. App Mus Prin, Clarinet
MVW 1314r. App Mus Prin, Bassoon
MVW 1315r. App Mus Prin, Saxophone

MV(B, K, O, P, S, V, W) 1410r–1416r. Applied Music Major (four hours each: piano, harpsichord, organ, strings, harp, guitar; three hours each: piano pedagogy, voice, woodwinds, brasses, percussion). Private instruction. Major instrument. For performance majors. Each course may be repeated to a maximum of twelve semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 1410r (2), all instruments.

MV(B, K, P, S, V, W) 2420r–2426r. Applied Music Major (four hours each: piano, harpsichord, organ, strings, harp, guitar; three hours each: piano pedagogy, voice, woodwinds, brasses, percussion). Private instruction. Major instrument. For performance majors. May be repeated to a maximum of twelve semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 2420r, all instruments.

MV(B, K, O, P, S, V, W) 4140r–4146r. Applied Music Major (four hours each: piano, harpsichord, organ, strings, harp, guitar; three hours each: piano pedagogy, voice, woodwinds, brasses, percussion). Private instruction. Major instrument. For performance majors. May be repeated to a maximum of twelve semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 4140r, all instruments.

MV(B, K, O, P, S, V, W) 4220r–4226r. Applied Music Major (four hours each: piano, harpsichord, organ, strings, harp, guitar; three hours each: piano pedagogy, voice, woodwinds, brasses, percussion). Private instruction. Major instrument. For performance majors. May be repeated to a maximum of twelve semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 4220r, all instruments.


MVS 2526r. Guitar Repertory (1). Prerequisite: Instructor permission. Corequisite: MVS 2426r. Required of guitar performance majors. Course may be repeated to a maximum of two semester hours.

MVK 2522. Directed Observation in Piano Pedagogy: College (1). Provides students with the opportunity to observe private and class piano instruction on the college level.


MV(B, J, K, O, P, S, V, W) 3230r–3239r. Applied Music Secondary (two hours each). Private instruction. For music majors other than keyboard principals and performance majors. For students whose curriculum requires study of a secondary instrument. Each course may be repeated to a maximum of four semester hours. Credit may be modified by electing MVO 3230r, all instruments. All MVH courses may be taken for one or two credit hours.

MV(B, J, K, O, P, S, V, W) 3330r–3339r. Applied Music Principal (two hours each). Private instruction. Principal instrument. (See course description for MV(B, J, K, O, P, S, V, W) 3330r–3339r.) For students whose major is not performance. Each course may be repeated to a maximum of six semester hours. Credit may be modified by electing MVO 3330r, all instruments.


MVK 3632. Piano Pedagogy II (3). Required of guitar performance majors. Course may be repeated to a maximum of two semester hours.

MVS 3350r. Orchestral Repertoire for Violin (1). (S/U grade only.) Prerequisite: Instructor permission. May be repeated to a maximum of two semester hours.

MVS 3350r. String Repertory (1). Required of string performance majors. May be repeated to a maximum of two semester hours.

MVS 3530r. Musical Theatre Repertoire (1). Prerequisite: Instructor permission. For music theatre majors. Course may be repeated to a maximum of four semester hours.

MVS 3536r. Guitar Repertory (1). Prerequisite: Instructor permission. Corequisite: MVS 3536r. Required of guitar performance majors. Course may be repeated to a maximum of two semester hours.

MVK 3631. Piano Pedagogy I (3). Prerequisite: Junior standing or Instructor permission.


MVK 3930r. Continuo Playing Keyboard (1). Prerequisite: Instructor permission. May be repeated to a maximum of two semester hours.

MVS 3940r. Introduction to Baroque Flute (1). Prerequisite: Instructor permission. Development of basic performance skills on the Baroque flute and commensurate stylistic techniques through a graduated study of available 18th-century pedagogic and performance materials. May be repeated to a maximum of two semester hours.

MVW 3701r. Introduction to the Baroque Recorder (1). Prerequisite: Instructor permission. Required of music theatre majors. Development of basic performance skills on the Baroque recorder and commensurate stylistic techniques through a graduated study of available 18th-century pedagogic and performance materials. May be repeated to a maximum of four semester hours.

MV(B, K, P, S, V, W) 3950r. Certificate Recital (0). (S/U grade only.) Prerequisite: Instructor permission.


MVW 3800r. Performance Techniques, artistic skills, and required of music majors. Credit may be modified by electing MVW 3800r, all instruments.

MV(B, H, K, O, P, S, V, W) 4240r–4249r. Applied Music Secondary (two hours each). Private instruction. (See course description for MV(B, H, K, O, P, S, V, W) 4240r–4249r.) For students whose curriculum requires study of a secondary instrument. Each course may be repeated to a maximum of four semester hours. Credit may be modified by electing MVO 4240r, all instruments. All MVH courses may be taken for one or two credit hours.

MV(B, J, K, O, P, S, V, W) 4340r–4349r. Applied Music Principal (two hours each). Private instruction. Principal instrument. (See course description for MV(B, J, K, O, P, S, V, W) 4340r–4349r.) For students whose major is not performance. Each course may be repeated to a maximum of twelve semester hours, except MVJ courses which may only be repeated to a maximum of six semester hours. Credit may be modified by electing MVO 4340r, all instruments.

MV(W, K, O, P, S, V, W) 4440r–4446r. Applied Music Major (five hours each: piano, harpsichord, organ, strings, harp, guitar; three hours each: voice, piano pedagogy). Private instruction. Major instrument. (See course description for MV(W, K, O, P, S, V, W) 4440r–4446r.) For performance majors. May be repeated to a maximum of twenty semester hours by piano, harpsichord, organ, strings, harp, guitar; six semester hours by strings, woodwind, brass, percussion, and guitar majors; twelve semester hours by voice and piano pedagogy majors. Credit may be modified by electing MVO 4440r, all instruments.

MVS 4540r. String Repertory (1). Required of string performance majors. May be repeated to a maximum of two semester hours.
## Graduate Courses

### Composition

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<tbody>
<tr>
<td>MUC 5110r</td>
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<tr>
<td>MUC 5251r</td>
<td>Composition (3).</td>
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<tr>
<td>MUC 5615r</td>
<td>Film Scoring (3).</td>
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<tr>
<td>MUC 5625r</td>
<td>Jazz Composition (3).</td>
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<tr>
<td>MUC 6261r</td>
<td>Composition (3).</td>
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<tr>
<td>MUC 6956</td>
<td>Composition Doctoral Recital (3). (S/U grade only.)</td>
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### Music Education

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<tbody>
<tr>
<td>MUE 5045</td>
<td>Social and Historical Foundations of American Music Education (3).</td>
</tr>
<tr>
<td>MUE 5046</td>
<td>Sociology of Music Education (3).</td>
</tr>
<tr>
<td>MUE 5096r</td>
<td>Arts in Medicine Science (1–3).</td>
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<tr>
<td>MUE 5145</td>
<td>Significant Developments in Music Education Curricula (3).</td>
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<tr>
<td>MUE 5185</td>
<td>College Music Administration (3).</td>
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<tr>
<td>MUE 5316</td>
<td>Organizing and Teaching in General Education (3).</td>
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<tr>
<td>MUE 5396</td>
<td>Music in Special Education (3).</td>
</tr>
<tr>
<td>MUE 5398</td>
<td>Survey of Vocal Diction for Choral Music Educators (2).</td>
</tr>
<tr>
<td>MUE 4397</td>
<td>Survey of Vocal Diction for Choral Music Educators (2).</td>
</tr>
<tr>
<td>MUE 5426</td>
<td>Advanced Techniques in Choral Music (3).</td>
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<tr>
<td>MUE 5427</td>
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<tr>
<td>MUE 5486</td>
<td>Jazz Ensemble Techniques (1).</td>
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<tr>
<td>MUE 5498r</td>
<td>Music Education Laboratory: Choral (1).</td>
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<tr>
<td>MUE 5499r</td>
<td>Music Education Laboratory: Instrumental (1).</td>
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<tr>
<td>MUE 5938</td>
<td>Introduction to Graduate Studies in Music Education (3).</td>
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<tr>
<td>MUE 5943</td>
<td>Internship in Music (6). (S/U grade only.)</td>
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<tr>
<td>MUE 5945r</td>
<td>Practicum in Supervising and Directing Education and Research in Music (3). (S/U grade only.)</td>
</tr>
<tr>
<td>MUE 6385r</td>
<td>College Teaching: Music in Higher Education (3).</td>
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<tr>
<td>MUE 6939r</td>
<td>Doctoral Seminar in Music Education (3).</td>
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<tr>
<td>MUE 6946r</td>
<td>Practicum in Supervising and Directing Education and Research in Music (3). (S/U grade only.)</td>
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<tr>
<td>MUS 5657</td>
<td>Nonverbal Communication in Human Interaction (3).</td>
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<td>MUS 5724</td>
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<tr>
<td>MUY 5305</td>
<td>Medical Music Therapy (3).</td>
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### Conducting

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<tr>
<td>MUG 5205r</td>
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<tr>
<td>MUG 5306</td>
<td>Advanced Conducting: Orchestra (2).</td>
</tr>
<tr>
<td>MUG 5307</td>
<td>Advanced Conducting I: Band (2).</td>
</tr>
<tr>
<td>MUG 5308</td>
<td>Advanced Conducting II: Band (2).</td>
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<tr>
<td>MUG 5957</td>
<td>Master’s Recital: Choral Conducting (2). (S/U grade only.)</td>
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<tr>
<td>MUG 5976</td>
<td>Wind Ensemble/Band Master’s Recital: Chamber (2). (S/U grade only.)</td>
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<tr>
<td>MUG 5977</td>
<td>Wind Ensemble/Band Master’s Recital: Large Ensemble (2). (S/U grade only.)</td>
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<tr>
<td>MUG 5978</td>
<td>Master’s Recital: Orchestral Conducting (2). (S/U grade only.)</td>
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## Jazz Studies

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<tbody>
<tr>
<td>MUT 5665</td>
<td>Jazz Styles and Analysis (2).</td>
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<tr>
<td>MVJ 5976</td>
<td>Master’s Recital: Recital Preparation (2). (S/U grade only.)</td>
</tr>
<tr>
<td>MVJ 5977</td>
<td>Master’s Recital (2). (S/U grade only.)</td>
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## Music History

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<th>Course Code</th>
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<tbody>
<tr>
<td>MUH 5219</td>
<td>Music History Graduate Survey (2). (S/U grade only.)</td>
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<tr>
<td>MUH 5305</td>
<td>Seminar in Performance Practice I: Musical Performance During the Middle Ages and Renaissance (3).</td>
</tr>
<tr>
<td>MUH 5306</td>
<td>Seminar in Performance Practice II: Music Performance During the Baroque, Classic, and Romantic Eras (3).</td>
</tr>
<tr>
<td>MUH 5325</td>
<td>History of Music: Medieval (3).</td>
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<tr>
<td>MUH 5335</td>
<td>History of Music: Renaissance (3).</td>
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<tr>
<td>MUH 5345</td>
<td>History of Music: Baroque (3).</td>
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<tr>
<td>MUH 5355</td>
<td>History of Music: Classical (3).</td>
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<td>MUH 5365</td>
<td>History of Music: Nineteenth Century (3).</td>
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<tr>
<td>MUH 5375</td>
<td>History of Music: Twentieth Century (3).</td>
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<tr>
<td>MUH 5410</td>
<td>Notation of Polyphonic Music to 1600 (3).</td>
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<tr>
<td>MUH 5411</td>
<td>Notation of Polyphonic Music II (3).</td>
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<tr>
<td>MUH 5536</td>
<td>African Soundscapes (3).</td>
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<tr>
<td>MUH 5546</td>
<td>Music of Latin America I (3).</td>
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<tr>
<td>MUH 5547</td>
<td>Music of Latin America II (3).</td>
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<tr>
<td>MUH 5548</td>
<td>Music in the Caribbean (3).</td>
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<tr>
<td>MUH 5549</td>
<td>Music in the Caribbean (3).</td>
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<tr>
<td>MUH 5555</td>
<td>Music from the Middle East (3).</td>
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<tr>
<td>MUH 5577</td>
<td>Music of Japan (3).</td>
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<tr>
<td>MUH 5580</td>
<td>Introduction to Ethnomusicology (3).</td>
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<tr>
<td>MUH 5581r</td>
<td>Seminar in Ethnomusicology (3).</td>
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<tr>
<td>MUH 5587</td>
<td>Seminar in World Music Studies (3).</td>
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<tr>
<td>MUH 5590</td>
<td>Seminar in Field and Laboratory Techniques in Ethnomusicology (3).</td>
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<tr>
<td>MUH 5596</td>
<td>World Music Pedagogy (3).</td>
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<tr>
<td>MUH 5635</td>
<td>Music in the United States I (3).</td>
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<tr>
<td>MUH 5636</td>
<td>Music in the United States II (3).</td>
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<tr>
<td>MUH 5655</td>
<td>Seminar in Performance Practice (3).</td>
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<tr>
<td>MUH 5685</td>
<td>Introduction to Historical Musicology (3).</td>
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<tr>
<td>MUH 5686r</td>
<td>Seminar in Historical Musicology (3).</td>
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<tr>
<td>MUH 5805</td>
<td>Survey of Jazz History (2).</td>
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<tr>
<td>MUH 5806</td>
<td>History of Jazz (1890–1950) (2).</td>
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<td>MUH 5807</td>
<td>History of Jazz (1950 to the present) (2).</td>
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<tr>
<td>MUH 5939</td>
<td>Seminar in Organology (3).</td>
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<tr>
<td>MUH 5945</td>
<td>Practicum in Collegium Directing (3).</td>
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<tr>
<td>MUH 6687r</td>
<td>Advanced Seminar in Musicology I (3).</td>
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<tr>
<td>MUH 6688r</td>
<td>Advanced Seminar in Musicology II (3).</td>
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## Music Literature

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>MUL 5412</td>
<td>Solo Music Literature Seminar Piano: Baroque to Classic (2).</td>
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<tr>
<td>MUL 5413</td>
<td>Solo Music Literature Seminar Piano: Classical (2).</td>
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<tr>
<td>MUL 5414</td>
<td>Solo Music Literature Seminar Piano: Romantic (2).</td>
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<tr>
<td>MUL 5425</td>
<td>Chamber Music Literature for Strings (3).</td>
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<tr>
<td>MUL 5426</td>
<td>String Quartet Literature (2).</td>
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<tr>
<td>MUL 5435</td>
<td>Guitar Literature I (2).</td>
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<tr>
<td>MUL 5436</td>
<td>Guitar Literature II (2).</td>
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<tr>
<td>MUL 5446</td>
<td>Solo Music Literature Seminar–Winds: Brasses (3).</td>
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<tr>
<td>MUL 5465</td>
<td>Percussion Literature and Resource Seminar (3).</td>
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<tr>
<td>MUL 5495</td>
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<tr>
<td>MUL 5505</td>
<td>Symphonic Literature I (3).</td>
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<tr>
<td>MUL 5506</td>
<td>Symphonic Literature II (3).</td>
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<tr>
<td>MUL 5507r</td>
<td>Orchestra Wind Repertory (2).</td>
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<tr>
<td>MUL 5568</td>
<td>Chamber Music Literature for Piano and Winds (2).</td>
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<tr>
<td>MUL 5609</td>
<td>Survey of Sacred Vocal Literature (1).</td>
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<tr>
<td>MUL 5620</td>
<td>Graduate Survey: German Vocal Solo Literature (1).</td>
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<tr>
<td>MUL 5621</td>
<td>Graduate Survey: French Vocal Solo Literature (1).</td>
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<tr>
<td>MUL 5624</td>
<td>Solo Music Literature Voice: German (2).</td>
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<tr>
<td>MUL 5625</td>
<td>Solo Music Literature Voice: French (2).</td>
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<tr>
<td>MUL 5626</td>
<td>Solo Music Literature Voice: Contemporary (2).</td>
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<tr>
<td>MUL 5645</td>
<td>Choral Literature (2).</td>
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<tr>
<td>MUL 5647</td>
<td>Survey of Sacred Choral Literature (1).</td>
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<tr>
<td>MUL 5656</td>
<td>Choral Masterworks: Romantic/Contemporary (3).</td>
</tr>
</tbody>
</table>
String Quartet Literature from Haydn to Bartok and Beyond (3).
MV(B, K, O, P, S, V, W) 5450r–5456r. Applied Music Major (four hours each) (MVV 5451 three hours).

MV(B, O, S, V, W) 5350r–5359r. Applied Music Main (four hours each) (MVP 5451 four hours).

App Mus Maj, French Horn
App Mus Maj, Trumpet
App Mus Maj, Trombone
App Mus Maj, Baritone Horn
App Mus Maj, All Instruments (1–2).

Master's Recital (two hours each). (S/U grade only.)
For listings relating to graduate coursework for thesis, treatise, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

**NEUROSCIENCE:**

see Graduate Bulletin

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**NURSING**

**COLLEGE OF NURSING**

Web Page: [http://nursing.fsu.edu/](http://nursing.fsu.edu/)

Professors: Frank, Grubbs, Karioth, Speake; Associate Professors: Cottrell, Hauber, Schmitt, Whyte; Assistant Professors: Abendroth, Cormier, Park, Porterfield; Associates in Nursing: Little, Pappas, Tucker, Whitten; Assistants in Nursing: Bamber, Cuchens, Graven, Kendall, McLarty, Studenic-Lewis, Smith, Wheeler

The College of Nursing offers a Bachelor of Science in Nursing (BSN) for traditional and accelerated second-degree 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 graduate of the undergraduate nursing program will have met the academic eligibility requirements for taking the registered nurse state licensing examination. The mission of the College of Nursing is to develop nursing leaders for professional practice and research in diverse settings.

Effective Fall 2011, the College of Nursing transitioned to freshman admissions. Beginning Fall 2013, a limited number of spaces at the junior level will be available for upper division and transfer students with competitive GPAs and SAT scores. 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 nursing care for 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. For current course offerings, please refer to the FSU College of Nursing Web site, at [http://nursing.fsu.edu/](http://nursing.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 nursing and accelerated nursing satisfy this requirement by earning a grade of “C” or higher in NUR 3822.

**State of Florida Common Program Prerequisites**

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit [http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual](http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual) for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. BSC X085C or BSC X085/X085L or BSC X093C or BSC X093/X093L
2. BSC X086C or BSC X086/X086L or BSC X094C or BSC X094/X094L
3. CHM XXXX or BCH XXXX or BSC XXXX or PCB XXXX or PHY XXXX
4. DEP X004 or DEP X054 or DEP X000 or DEP X414
5. HUN X201 or NUR X192
6. MCB X010C or MCB X010/X010L or MCB X013C or MCB X013/ X013L or MCB X000/X000L or MCB X004/X004L
7. PSY XXXX or SOP XXXX or SYG XXXX
8. STA X014 or STA X023 or STA X122 or STA X022

**Note:** Epidemiology (three credit hours) is recommended but not required.
Definition of Prefixes
NUR — Nursing; Graduate
NSP — Nursing; Special
NUR — Nursing; Generic Undergraduate

Undergraduate Courses

Theory/Laboratory Courses Required

NUR 3056. Foundations of Nursing Practice (3). Prerequisite: Admission to the Nursing major. Corequisite: Semester I Nursing courses. This course introduces the nursing student to foundational concepts in pharmacology and their application in health care settings. Pharmacological concepts include pharmacodynamics, pharmacokinetics, and pharmacogenomics, drug toxicity, and major drug classifications. Application concepts include drug therapy and patient safety, the role of the Federal Drug Administration (FDA), dosage calculation, and the nursing role in drug therapy.

NUR 3225. Nursing Care of the Adult with Acute and Chronic Health Disorders (3). Prerequisite: Semester I Nursing courses. This course focuses on the application of the nursing process, concepts, principles, and related theories in a variety of settings. Aging, psychiatric, public health, and nursing concepts are applied to the nursing care of vulnerable individuals, families, and groups in acute care and community healthcare agencies.

NUR 3678L. Nursing Care of Vulnerable Populations Lab (3). (S/U grade only.) Prerequisite: Semester I Nursing courses. Corequisite: NUR 3678. This laboratory course focuses on the application of the nursing process, concepts, principles, and related theories in a variety of settings and experiences. The impact of poverty, environment, support networks, health policy, and community resources on vulnerable populations and health outcomes is explored. The focus is on promoting client independence and maximizing quality of life of vulnerable individuals, families, and communities.

NUR 3805. Nursing Role and Scope (3). Prerequisite: Admission to RN to BSN Program. This course is designed for the returning registered nurse student. Current and emerging concerns of professional nursing are addressed within the context of nursing history, nursing practice, impact of global trends, and the influence of political and socioeconomic policies on nursing and health care. For the returning registered nurse are examined in relation to individual, family, and community outcomes with emphasis on client advocacy, teaching, autonomy, accountability, change agent, research, critical thinking, and leadership. The legal and ethical framework for professional nursing and related theories in a variety of settings. aging, psychiatric, public health nursing care of the elderly, clients with psychosocial disorders, and at-risk culturally diverse populations in the community. The impact of poverty, environment, support networks, health policy, and community resources on vulnerable populations and health outcomes is explored. The focus is on promoting client independence and maximizing quality of life of vulnerable individuals, families, and communities.
**NUR 4888C. Nursing Leadership in Systems of Care (3).** Prerequisites: NUR 3056C, NUR 3065C, NUR 3125, NUR 3225C, NUR 3678, NUR 3822, and NUR 4445C. This course focuses on concepts, principles, and theories of leadership, management, role development and administration in a variety of culturally diverse health care delivery systems at local, regional, national, and global levels. Skills required by the professional nurse leader, inculcation of delegation of responsibilities, networking, facilitation of group conflict resolution, case management, collaboration, budgeting, cost effectiveness and resource allocation, risk management, quality and performance indicators, teaching, and professional development are emphasized and applied in relevant settings.

**NUR 4945. Professional Nursing Internship (6).** (S/U Grade only) Prerequisites: All required courses in the Nursing major (except required nursing electives). This course occurs following the completion of all required courses. This capstone clinical experience requires the student to demonstrate competencies consistent with program outcomes. Synthesis of core values, core competencies, core knowledge, and role development is expected. The student collaborates with the faculty and the preceptor in choosing the care setting and plans and organizes the learning experience to facilitate a successful transition into the profession.

**Electives**

**NSP 3185. 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 ethnic or cultural communication related to standards and value systems.

**NSP 3425. Women’s Health Issues: Concerns Through the Life Cycle (3).** 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 rights to health care access.

**NSP 3685. Grief, Loss and Trauma: Ethnic and Individual Variations (3).** This course explores similarities and differences among cultures when responding to grief and loss. Topics related to diverse populations and grief practices are examined, as well as personal response to grief, loss, and trauma, not exclusively utilizing death as the only example of loss, or trauma. The course allows students to expand their reactions to life and death, plan their own funeral, and at the same time focus on family, community, and worldwide populations.

**NSP 4546. 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 3076. Communication in Health Care (3).** Prerequisite: ENC 1101. This course examines various communication patterns basic to individual and group relationships. Course emphasizes the development of interactive skills paramount to effective communication with individuals and groups involved with health care issues. It provides an opportunity for the validation of oral communication and a range of public speaking experiences especially related to health care.

**NUR 3177. 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 4826. 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 4905r. Directed Individual Study (1–4).** May be repeated to a maximum of six semester hours.

**NUR 4930r. Special Topics (1–3).** Topics of interest relating to nursing and other health-related issues. May be repeated to a maximum of nine semester hours.

**NUR 4975r. Honors Thesis (1–6).** May be repeated for a maximum of nine semester hours.

**Graduate Courses**

**NGR 5003C. Health Assessment for Advanced Practice (4).**

**NGR 5011C. Advanced Wound Management (2).**

**NGR 5064C. Advanced Skills for the Advanced Practice Nurse (2).**

**NGR 5102. Theoretical Constructs for Nursing Science (3).**

**NGR 5122C. Advanced Clinical Practice (3).**

**NGR 5140. Advanced Pathophysiology (4).**

**NGR 5172. Pharmacology for Advanced Practice (3).**

**NGR 5250. Issues in Geriatrics Seminar (1).**

**NGR 5291. Advances and Trends in Adult Health Nursing (1).**

**NGR 5305. Issues in Pediatrics Seminar (1).**

**NGR 5341. Women’s Health Seminar (1).**

**NGR 5503. Advanced Practice Psychiatric Nursing Seminar (1).**

**NGR 5638. Health Promotion and Program Planning (3).**

**NGR 5713. Curriculum Development in Nursing Education (4).**

**NGR 5714C. Instruction in Nursing Education: Design and Strategies (4).**

**NGR 5718C. Evaluation in Nursing Education (4).**

**NGR 5766. Nursing Leadership within Complex Healthcare Environments (3).**

**NGR 5770. Clinical Leadership and Resource Management (3).**

**NGR 5772L. Clinical Leadership Practicum I (3).**

**NGR 5773L. Clinical Leadership Practicum II (3).**

**NGR 5775L. Clinical Leadership Practicum III (4).**

**NGR 5800. Methods in Nursing Research (3).**

**NGR 5846. Biostatistics (3).**

**NGR 5852. Evidence-Based Practice Appraisal and Application (3).**

**NGR 5871. Managing Information and Technology in Health Systems (3).**

**NGR 5887. Legal and Ethical Complexities in Healthcare (3).**

**NGR 5905r. Directed Independent Study (1–3).**

**NGR 5910r. Supervised Research (1–3).**

**NGR 5930r. Special Topics in Nursing (1–3).**

**NGR 5941L. Supervised Teaching (1–5).**

**NGR 6185. Genetics and Emerging Diseases (3).**

**NGR 6601. Advanced Management of the Family I (3).**

**NGR 6601L. Family Nurse Practitioner Practicum I (3) (S/U grade only.)**

**NGR 6602. Advanced Management of the Family II (3).**

**NGR 6602L. Family Nurse Practitioner Practicum II (5, S/U grade only.)**

**NGR 6619L. Family Nurse Practitioner Practicum III (5) (S/U grade only.)**

**NGR 6641. Assessment and Collaboration with Communities and Systems (2).**

**NGR 6673. Epidemiological Methods (3).**

**NGR 6768. DNP Roles and Interprofessional Collaboration (3).**

**NGR 6778L. Health Systems Leadership Practicum I (3). (S/U grade only.)**

**NGR 6779L. Health Systems Leadership Practicum II (5). (S/U grade only.)**

**NGR 6853. Translation and Synthesis of Evidence (3).**

**NGR 6893. Healthcare, Finances, Economics, and Entrepreneurship (3).**

**NGR 6895. Healthcare Policy, Politics, and Power (3).**

**NGR 6896. Health Care and Organizational Change (3).**

**NGR 6897L. Health Systems Leadership Practicum III (5). (S/U grade only.)**

**NGR 6899. Transforming Health Care Delivery (3).**

**NGR 6910C. DNP Project I (3).**

**NGR 6912C. DNP Project II (3).**

**NGR 6935r. DNP Project Seminar (2).**

**NGR 6942Lr. DNP Residency I (1–5). (S/U grade only.)**

**NGR 6943Lr. DNP Residency II (1–5). (S/U grade only.)**

**NGR 6947C. Teaching of Nursing Practicum (3).**

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
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 required for the individual major. Students who wish to earn a degree in Dietetics must earn a “B” or better in HUN 1201.

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 3322, in which a grade of “C–” or higher is required and HUN 1201 in which a grade of “B–” or higher is required. Dietetics students must earn a “B” or better in HUN 1201 and other select courses. Athletic Training students must have a “B–” or better in all Athletic Training courses. 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. 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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

**Athletic Training**

1. BSC X010/X010L or BSC X010C
2. PHY X053/X053L or PHY X053C or PHY X048/X048L or PHY X048C
3. Note: Physics is a prerequisite; however, a program may choose to waive this coursework as a prerequisite but still require it as a graduation requirement.
4. PSY X012
5. STA X203 or STA X122 or STA X201
6. HUN X201 or HUN X941
7. BSC X093/X093L and BSC X094/X094L, or PET X322C and PET X323C, or ZOO X733C and PCB X703C, or APK X100C and APK X105C, or BSC X085/X085L and BSC X086/X086L, or BSC X085C and BSC X086C

**Dietetics**

1. BSC X085/X085L and BSC X086/X086L, or BSC X085C and BSC X086C, or BSC X093C and BSC X094C, or HSC X549 or PCB X702 or PET X322/X322L
2. CGS X060 or CGS X061
3. CHM X200C or CHM X200/X200L, or CHM X210/X210L and CHM X211/X211L
4. CHM X045/X045L and CHM X046/X046L, or CHM X032
5. ECO X013 or ECO X023 or ECO X000
6. HUN X201
7. MAC X105 or MAC X142
Exercise Science  
1. BSC X085/X085L or PET X322/X322L, or APK X100C and APK X100L
2. BSC X086/X086L or PET X323/X323L or APK X105/X105L
3. PSY X102
4. BSC X100/X100L
5. BSC X101/X101L
6. CHM X045/X045L
7. CHM X046/X046L
8. HUN X201
9. MAC X147 or MAC X311, or MAC X140 and MAC X114

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).

3. **College of Human Sciences Core.** The college core is to be met by taking FAD 2230 and a three credit hour course offered by the College of Human Sciences but outside of the students selected major.

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 3322 and PET3322L (see specific major requirements); and STA 2122 or STA 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 chosen major. Additional courses may be required to complete the one hundred twenty 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 for exercise science, food and nutrition science, and athletic training. A grade of “B” or better in HUN 1201 is required for dietetics, and PET 3322, which requires a grade of “C-” or higher. A course may not be taken more than twice (for a total of three times). Athletic Training students must have “B-” or better in all athletic training courses.

The following are the specific requirements for each major within the degree; 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 1045/1045L, CHM 1046/1046L, and CHM 2200/2200L; BCH 3023D; DIE 3005, DIE 4244*/*4244L*, and DIE 4310*; FAD 2230 and FAD 4601; FOS 3026/3026L, FOS 4114C, and FOS 4209; FSS 4135 and FSS 4315; HUN 3221, HUN 3226, HUN 3403*, and HUN 4296*; PET 3322/3322L, PET 3361 and electives (to meet graduation requirements). All courses marked with an (*) must be completed with a “B” or better.

**Food and Nutrition Science.** Lower division: see liberal studies, college core, plus: BSC 2010/2010L and BCH 1045/1045L, BCH 2210, and BCH 2211/2211L; ECO 2013 or equivalent; FAD 2230; HUN 2125 and HUN 1201; MAC 1114, MAC 1140, and MAC 2311; MCB 2004/2004L; PHY 2053C; PSY 2012; STA 2122 or STA 2023. Upper division: BCH 3023C; CHM 3120C; FOS 3026, FOS 3026L, FOS 4114C, and FOS 4209; HUN 3224, and HUN 3226; PET 3322 and PET 3322L or PCB 3063 or PCB 3134; and electives to meet graduation requirements. At least ten additional semester hours must be at the 3000–4000 level for a total of forty hours at the 3000–4000 level.

**Exercise Science.** Lower division: see liberal studies and college core, plus: BSC2010/2010L and BSC 2011/2011L; CHM 1045/1045L, CHM 1046/1046L, CHM 2200/2200L or CHM 2210 and CHM 2211/2211L; HUN 1201; MAC 1114 and MAC 1140; PHY 2053C and PHY 2054C; PSY 2012; STA 2122. Upper division: BCH 3023C or BCH 4053/4053L and BCH 4054, or BCH 4624; FAD 2230; HUN 3224, 3226; PET 3102, PET 3322/3322L, PET 3323C, PET 3380C, and PET 4551C; and three courses for a minimum of nine credit hours from the following list: APK 3113, HSC 4711; PET 3310, PET 3321, PET 3361, PET 3932 (Special Topics: Exercise and Disease), or PET 4076 and electives (to meet graduation requirements). Exercise science majors who plan on pursuing advanced degrees in physical therapy or medicine may need to take specific electives to meet admission requirements for these programs.

**Athletic Training.** APK 3113, ATR 4502, and ATR 4852; BSC 2010 and BSC 2010L; CHM 1045 and CHM 1045L; HSC 2400; HUN 1201; FAD 2230, MAC 1105, MAC 1114, and MAC 1140; ATR 1800 and ATR 2820; PHY 2053C/2053L; PSY 2012; STA 2122. Upper division: HSC 4711; PET 3310, PET 3322/3322L, PET 3323C, PET 3361, PET 3380C, ATR 3102*, ATR 4302*, ATR 1810*, ATR 4503*, ATR 4932*, ATR 3012*, ATR 3942* (x 4), ATR 3832*, ATR 3123C*, ATR 3312C*, ATR 4842*, ATR 3512*, and ATR 4862*. Athletic training students must complete all didactic and clinical experiences. All courses marked with an (*) must be completed with a “B-” or better.

All junior college/transfer students must complete the same didactic and clinical experiences as resident students. Completion of clinical courses requires a minimum of six semesters. All athletic training courses required for the major must be taken at Florida State University.

**Honor's 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 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 in nutrition and food science, the Master of Science in exercise science, the Doctor of Philosophy in human sciences, and the Doctor of Philosophy in exercise science. Consult the Graduate Bulletin for details.

**Definition of Prefixes**

**APK—Applied Kinesiology**

**ATR—Athletic Training**

**DIE—Dietetics**

**FOS—Food Science**

**FSS—Food Service System**

**HSC—Health Sciences**

**HUN—Human Nutrition**

**PET—Physical Education Theory**

**Undergraduate Courses**

**APK 3113. Methodology of Strength and Conditioning (3).** Corequisite: ATR 1810. This course covers topics involving the development of speed, strength, power, and endurance, and explores specific methods of strength and conditioning.

**ATR 1800. Introduction to Athletic Training (1).** (S/U grade only.) Prerequisite: 2.5 GPA. This course offers an introduction to the educational and professional requirements necessary to become a Certified Athletic Trainer. Students are exposed to the daily operations of athletics training facilities and the job responsibilities of all members of a sports-medicine team. This course provides the framework for the formal application process for the Athletic Training Education Program.

**ATR 1810. Athletic Training Clinical I (1).** (S/U grade only.) Prerequisite: ATR 1800. This course offers a study of the cognitive, affective, and motor skills required to perform athletic-training techniques in practice settings. The techniques employed in this course reflect those presented in the lecture and laboratory course taken the previous semester.

**ATR 2820. Athletic Training Clinical II (1).** (S/U grade only.) Prerequisite: ATR 1810. This course offers a study of the cognitive, affective, and motor skills required to perform athletic-training techniques in practice settings. Techniques reflect those presented in the lecture and laboratory courses taken the previous semester.

**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 3395. Food and the Consumer (3). Prerequisites: CHM 1045 and HUN 1201 with a grade of “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 infections 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.

HUN 3403. Life Cycle Nutrition (3). Prerequisites: HUN 1201 and HUN 3403. This course presents how diet/nutrition, especially functional foods, can help promote health, control weight, and manage chronic diseases. Focus is on community-health promotion through diet and exercise and on diet/nutrition guidelines for client assessment, nutritional diagnosis, intervention, education, and monitoring.

PET 1081. Living Learning Center Colloquium (1). This course explores different aspects of the transition to college life. The emphasis is on topics related to wellness, and activities address the health and development of individuals, families, and communities. The course is limited to the College of Human Sciences Reynolds Hall students.

PET 2084. Personal Fitness and Wellness (3). Integrates aspects of nutrition, diet, fitness, and health/wellness for personal well-being. This course will be offered as a department elective.

PET 3102. Introduction to Exercise Sciences (1). (S/U grade only.) An introduction to fields and studies in 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 accrediting organizations. Current professional issues will be discussed. This course is open to non-majors.

PET 3310. Kinesiology (3). Prerequisite: PET 3322. This course introduces basic physical concepts as they apply to human movement. Emphasis is placed upon structural anatomy, neuromuscular physiology, and by applying clinical orthopedic anatomy; evaluation; and assessment and special test protocols for the shoulder, elbow, forearm, wrist, hand, finger, eye, face, nose, throat, mouth, teeth, cervical spine, head, and neck.

PET 3102. Athletic Training I (3). Prerequisite: ATR 1800. Basic topics and issues pertaining to athletic training as established by the National Athletic Trainers' Association. Treatment and rehabilitation of athletic injuries will be introduced.

PET 3112. First Responder (3). Prerequisite: Instructor permission. This course allows students to develop basic emergency medical skills and knowledge that enables them to assist people who sustain an accidental injury or who suffer a sudden illness. This course covers all the information from the United States Department of Transportation (DOT) First Responder National Standard Curriculum.

PET 3123C. Orthopedic Assessment–Lower Extremity (3). Prerequisite: ATR 3832. Athletic training students examine the following topics including in this course: clinical orthopedic anatomy; evaluation; and assessment and special test protocols for the foot, toes, ankle, knee, pelvis, thigh, thoracic and lumbar spine, and gait analysis.

PET 3312C. Therapeutic Exercise/Rehabilitation (3). Prerequisite: ATR 3832. Athletic training students examine various exercise and rehabilitation topics including the following: concepts of healing; evaluation and assessment techniques; range of motion and flexibility; goniometric measurement; manual therapy techniques; muscle strengthening; plyometrics; proprioception; posture;ambulation and amputation aids; core stabilization; aqua therapy; biofeedback and relaxation; and spine rehabilitation protocols.

PET 3512. Administration of Athletic Training Programs (3). Prerequisite: ATR 4842. This course explores the aspects of athletic training organization and administration. Topics include program management, human resource management, athletic insurance, risk management, ethical considerations, pre-participation physical exams, and facility design.

ART 3802. First Responder Practicum (1). (S/U grade only.) Prerequisite: ATR 3112. This course is designed to emphasize patient assessment and care procedures at the first responder level. The course will be taught by the First Responder course faculty. First Responder course are required with actual patient encounters by assisting crew members of the First Responder Unit.

ART 3832. Athletic Training Clinical III (1). (S/U grade only.) Prerequisite: ATR 2820. This course offers a study of the cognitive, affective, and motor skills required to perform athletic training techniques in practice settings. Tasks include those presented in the lecture and laboratory sessions taken the previous semester.

ART 3942r. Sports Medicine Practicum (0–6). Prerequisite: ATR 1800. 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 semester hours required).

ART 4302C. Therapeutic Modalities (3). Prerequisite: ATR 1800. This course trains students in the application and utilization of therapeutic modalities. Methods and modalities of treatment will examine biophysical principles, effects of treatment, application techniques, and indications and contraindications to treatment. Safety is emphasized during instruction and practical experience.

ART 4502. Athletic Training Professional Development (3). (S/U grade only.) Prerequisite: ATR 4852. This course covers the cognitive, affective, and motor skills required to perform athletic-training techniques in practice, non-traditional settings. Techniques reflect those presented in previous athletic-training administration and the therapeutic exercise/rehabilitation lecture/lab courses. This course prepares students for the Board of Certification (BOC) examination and provides information on how the BOC examination is developed and scored.

ART 4503. Athletic Training II (3). Prerequisite: ATR 3102. Advanced topics pertaining to athletic training.

ART 4842. Athletic Training Clinical IV (1). (S/U grade only.) Prerequisite: ATR 3832. This course offers a study of the cognitive, affective, and motor skills required to perform athletic training techniques in practice settings. Additional content includes oral, practical, and written examinations; professional-development activities; and a research project. All students enrolled in this course must show proof of current membership in the National Athletic Trainers' Association (NATA).

ART 4852. Athletic Training Clinical V (1). (S/U grade only.) Prerequisite: ART 4842. This course covers the cognitive, affective, and motor skills required to perform athletic training techniques in practice settings. Techniques reflect those presented in previous the orthopedic assessment/lower and the therapeutic exercise/rehabilitation lecture/lab courses.

ART 4862. Athletic Training Clinical VI (1). Corequisite: ATR 4932. This course is designed as a capstone for advanced-level students who intend to enter the profession of athletic training. Students are evaluated on cognitive, affective, and motor skills - all required to perform athletic training techniques in practice settings. Additional content includes oral, practical, and written examinations; professional-development activities; and a research project. All students enrolled in this course must show proof of current membership in the National Athletic Trainers' Association (NATA).

ART 4932. Issues in Sports Medicine (3). Prerequisite: ATR 1810. This 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.

ART 4947. General Medical Issues Clinical (1). Prerequisite: ATR 4932. This course allows athletic training students to observe practitioners in the allied and affiliate site settings, including medical doctors, nurse practitioners, pharmacists, physical therapy, and exercise specialists, off-campus certified athletic trainers, and others in the sports medicine setting.

DIE 4244. Nutrition in Disease (3). Prerequisites: BCH 3023C, BSC 2085, HUN 3224, HUN 4296, PET 3322, and PET 3322L. Corequisites: DIE 4244L and HUN 3226. This course covers the pathophysiology of diseases and nutrition therapy in the treatment and prevention of specific diseases.

DIE 4244L. Medical Nutrition Therapy Laboratory (1). Prerequisites: BCH 3023C, BSC 2085, HUN 4296, PET 3322, and PET 3322L. Corequisites: DIE 4244L and HUN 3226. This laboratory covers the application of the principles of nutrition in the treatment and prevention of specific diseases.

DIE 4310. Community Nutrition (3). Prerequisites: HUN 1201 with a grade of “B–” or better and DIE 3005. The planning, implementation, and evaluation of nutrition programs in the community; public nutrition policy formulation.

DIE 3026. Foods (3). Prerequisites: HUN 1201 with a grade of “B–” or better and HUN 3026. Introduction to the physiochemical properties of food and the relationships of these properties to preparation techniques and food quality. Management and service of food.

DIE 3026L. Foods Laboratory (1). Prerequisite and Corequisite: DIE 3026. Introduction to the physiochemical properties of food and the relationship of these properties to preparation techniques and food quality. Management and service of food.

FOS 4114C. Food Science (4). Prerequisites: CHM 2200C, DIE 3026, and FOS 3026L. Chemical composition and properties of the foods and the behavior of their chemical processes during processing. Assessment of food quality.

FOS 4209. Food Safety and Quality (3). Prerequisites: HUN 1201 and FOS 3026 or departmental permission. Topics include food spoilage and food poisoning, foodborne diseases, governmental and regulatory agencies, food additives and labels, and personal practices, with an emphasis on current issues related to the quality and safety of food.

FSS 4315. Institutional Food Economics (3). Prerequisites: DIE 3005, ECO 2000 or ECO 2013, FOS 3026, and FOS 3026L. Cost analysis, cost containment, organizational structure, 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 4315. Institutional Organization and Administration (3). Prerequisites: DIE 3005, FSS 2315, and FOS 3026L. General concepts and administration concerns involved with institutional food production.
FSS 4315L. Institutional Organization and Administration Laboratory (3). Prerequisites: FSS 4315, FOS 3026, FOS 3026L, and instructor permission. 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 one’s risk for disease and for the maintenance of health and vitality. Topics include health behavior, stress, psychological health, chronic diseases, sexually transmitted infections, immunology, and psychoactive substance use and abuse.

HSC 4999r. 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 semester hours.

HUN 3224. Intermediary Metabolism of Nutrients I (3). Prerequisites: HUN 1201 with a grade of “B-” or better; CHM 2200C. Part of a two-semester sequence emphasizing the physiochemical role of carbohydrates, lipids, and proteins in metabolic pathways; their integration and regulation; bases for determining requirements 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 with a grade of “B-” or better; BCH 3023C or HUN 3224, and BSC 2086 or PET 3322. Part of a two-semester sequence. Emphasizes the physiochemical 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 334r. Special Topics in Food and Nutrition (3–6). Prerequisite: HUN 1201 with a grade of “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 semester hours as content changes. Consult instructor.

HUN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six semester hours.

HUN 4913r. Honors Thesis (3–6). May be repeated to a maximum of six 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 semester hours.

HUN 4931. Honors Seminar (1).

HUN 4941r. Nutrition Practicum (1–4). (S/U grade only.) Prerequisites: HEE 4054 and a 2.50 GPA. Supervised field experience with a selected government or nongovernment agency at the local or state level. May be repeated to a maximum of four semester hours.

PET 3361. Nutrition and Sports (3). Prerequisites: HUN 1201 with a grade of “B-” or better and PET 3322. The effects of sports training upon individual nutrient stores and requirements. The effects of nutrient intake upon sports performance.

PET 3380C. Applied Exercise Physiology (4). Prerequisite: PET 3322. The nature of muscular, metabolic, cardiovascular, and respiratory adjustment to acute and chronic exercise.

PET 3932r. Special Topics in Wellness and Exercise Science (3–6). Topics in wellness, health promotion, exercise physiology, biomechanics, and motor behavior. Consult instructor. May be repeated as content changes to a maximum of six semester hours.

PET 4076. Physical Dimensions of Aging (4). The course deals with the quality of life and individual differences as we age; physical decline of physiological systems (cardiovascular, muscular, joints, bone, neuromuscular); health, exercise, and well-being; and the pathology of aging. Assists students in developing an understanding of the physical aspects of aging to apply to settings such as physical therapy, sports medicine, and health and fitness programs in hospitals and retirement communities.

PET 4551. Exercise Testing and Prescription (3). Prerequisite: PET 3380C. Course examines techniques of evaluation for physical fitness and health with a particular emphasis on aerobic capacity, flexibility, strength, and body composition and to design, implement, and administer programs for developing physical fitness and lifestyle changes.

PET 4914r. 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 semester hours when the topic changes.

PET 4948r. Practicum in Exercise Sciences (1–6). Prerequisites: A 2.75 GPA, HSC 2400 or equivalent, PET 3380C, and Instructor permission. Supervised field experience in exercise physiology or motor control. May include research, athletic training, or community fitness projects. May be repeated to a maximum of six semester hours with permission of the instructor.

Graduate Courses

DIE 5248. Advanced Medical Nutrition Therapy (3).
DIE 5935. Current Topics in Dietetics (3). (S/U grade only.)
FOS 5205. Food Safety and Quality (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 631C. Physical and Chemical Techniques in Food and Nutrition (3).
FOS 6390r. Seminar in Food and Nutrition Science (1).
HSC 5603. Models of Health Behavior (3).
HUN 5242. Carbohydrates, Fats, and Proteins (3).
HUN 5243. Vitamins and Minerals (3).
HUN 5297. Eating Disorders, Body Image, and Healthy Weight Maintenance (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 6980r. Dissertation (2–12). (S/U grade only.)
HUN 8945r. Supervised Field Experience (1–12). (S/U grade only.)
PET 5052. Motor Memory (3).
PET 5077. Physical Dimensions of Aging (4).
PET 5355C. Advanced Exercise Physiology (3).
PET 5367. Nutrition and Exercise Performance (3).
PET 5389. Strength Program Development for Competitive Athletes and Sport (3).
PET 5553. Cardiorespiratory and Anthropometric Evaluation and Development of Exercise Programs (3).
PET 5565. Cardiovascular Program Development for Competitive Athletes and Sport (3).
PET 5751. Sports Fitness Testing and Evaluation for Competitive Athletes and Sport (3).
PET 5945r. Sports Sciences Practicum (3).
PET 6317. Skeletal Muscle Structure and Function (4).
PET 6365. Exercise and the Cardiorespiratory System (4).
PET 6368. Metabolic Responses to Exercise (3).
PET 6386. Environmental Aspects of Exercise (3).
PET 6387. Endocrinology in Health and Exercise (3).
PET 6930r. Seminar in Movement Sciences (1).
PET 8945r. Exercise Physiology Internship (1–9). (S/U grade only.)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of PHILOSOPHY

COLLEGE OF ARTS AND SCIENCES

Web Page: http://philosophy.fsu.edu

Chair: J. Piers Rawling; Professors: Bishop, Clarke, Fleming, McNaughton, Mele, Rawling, Ruse; Associate Professors: Morales, Roberts; Assistant Professor: Justus, Kearns, Stein

The undergraduate program in philosophy is designed to enable students to gain an understanding of the substantive issues philosophers have struggled with through the ages. Students majoring in philosophy can expect to develop their abilities to engage in critical examination and evaluation. Such skills have proven to be of great value in almost any type of human endeavor. The program serves as a basis for professional training in other fields, such as law, education, politics, journalism, or theology, or as foundation for future professional training in philosophy. The department offers degree programs at all levels, including an accelerated combined bachelor’s/master’s degree program.

The department participates in the honors program, as well as the undergraduate programs in the following departments or programs: women’s studies, humanities, Latin American and Caribbean studies, political science, international affairs, and religion. In addition, it offers more than ten courses in the University’s Liberal Studies Program (see listing under Liberal Studies Program, Area IV in the “Undergraduate Degree Requirements” chapter of this General Bulletin).

Students have considerable latitude to design the content of a major that meets their needs and interests. For example, a student might focus primarily on ethics; on social and political philosophy; on logic and philosophy of science; on the history of philosophy or some distinct period such as ancient, modern, or contemporary; on epistemology; or on cognitive studies. Many students will find it possible to combine a major in philosophy with a major in another discipline. The department welcomes such arrangements.

The department’s distinguished faculty is actively engaged in teaching, research, writing, publishing, and editing. Students majoring in philosophy can be assured that not only will they receive an excellent education in the history of philosophy but they will also have the opportunity to acquaint themselves with the latest developments in the discipline. The journal Social Theory and Practice is edited and published by the department.

The department offers regular colloquia in which local faculty, graduate students, and guests from other universities present papers and lead discussions on philosophical topics. In addition, the department regularly sponsors conferences; topics have included biomedical ethics, moral education, philosophy of language, color, Wittgenstein, Plato, Aristotle, Kant, ethical theory, history and philosophy of science in science teaching, human rights, virtue and social diversity, Kantian themes in ethics, and philosophy of 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 Program Prerequisites

No statewide common program prerequisites have been identified for this program; however, the faculty in this program recommends that students take several lower level courses with the PHI, PHI, PHM or PHP prefix.

Requirements for a Major in Philosophy

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Note: The required courses listed below may not be offered every semester. Students should check with the department at least two semesters before graduation to make sure they will have the opportunity to complete the requirements.

Thirtysix 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)

2. History of Philosophy (6 semester hours)
   Ancient Philosophy—one of:
   PHH 3130 Plato and His Predecessors (3)
   PHH 3140 Aristotle to Augustine (3)
   AND
   Modern Philosophy:
   PHH 3400 Modern Philosophy (3)

3. Ethics (3 semester hours)
   PHI 3670 Ethical Theory (3)

4. Contemporary Metaphysics and Epistemology (3 semester hours) One of:
   PHI 3220 Introduction to Philosophy of Language (3)
   PHI 3300 Knowledge and Belief (3)
   PHI 3320 Philosophy of Mind (3)
   PHI 4500 Metaphysics (3)
   PHH 4600r Contemporary Philosophy (3)

5. Seminar for Majors, to be taken in the senior year (3 semester hours)
   PHI 4938r Seminar for Majors (3)

Additional requirements: At least twenty-one semester hours in the major must be at the 3000 level or above; at least fifteen 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 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)
   PHH 3130 Plato and His Predecessors (3)
   PHH 3140 Aristotle to Augustine (3)
   PHH 4300 Modern Philosophy (3)
   PHH 3350 Nineteenth-Century Philosophy (3)

At least six 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 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 semester hours from:
   PHI 3162 Logic and the Law (3)
   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)
   PHP 3510 Introduction to Marxist Philosophy (3)
   PHP 3400 Philosophy of Law (3)
   PHP 4340r Contemporary Political Thought (3)

At least six semester hours must be at the 3000 level or above. Students must receive a letter grade of “C–” or better in all courses that count toward the minor.

Honors in the Major

Honors work in the major is offered to encourage talented juniors and seniors to undertake independent and original research. Successful completion of honors work results in honors credits 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
PHI 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six semester hours.

PHI 4912r. Honors Work (3). May be repeated to a maximum of twelve 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 semester hours.

PHI 4938r. Seminar for Majors (3). Variable-content seminar for majors to do in-depth work in selected philosophical topics/areas and to practice writing a substantive philosophical paper. May be repeated once with instructor permission to a maximum of six 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 semester hours for a reading course; two to three semester hours for a reading course with substantial writing. Repeatable with instructor permission to a maximum of twelve semester hours.

History of Philosophy

PHM 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.

PHM 3130. Plato and His Predecessors (3). Ancient Greek philosophy from its beginnings to the work of one of its greatest practitioners. Questions posed include: What is that? What can I know about it? What should I do?

PHM 3140. Aristotle to Augustine (3). Philosophy from the “Master of Those Who Knew” (Aristotle) through to the end of the ancient world and the dominance of Christianity. Topics include: the structure of the world order, God, man’s place.

PHM 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.

PHM 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.

PHM 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 semester hours.

PHM 4600r. Contemporary Philosophy (3). The main recent philosophical movements are surveyed through selected central representatives. Those considered may include Hume’s influence on his contemporaries, Russell and Moore, early Wittgenstein, logical positivism, and their successors, Husserl and his phenomenology, Heidegger, Sartre, later Wittgenstein and his successors. May be repeated with instructor permission to a maximum of nine semester hours.

Social and Political Philosophy

PHM 3162. Logic and the Law (3). This course is an in-depth examination of the application of logic in a legal context with special emphasis on methods of inductive reasoning, such as analogical and casual reasoning. The course focuses on the construction and presentation of written arguments, and the evaluation of arguments from both historical and contemporary legal decision.

PHM 2121. Philosophy of Race, Class and Gender (3). Concentration on contemporary philosophical discussions of race, class, and gender. Topics include the analysis of key institutions (e.g., work, the economy, family, education) and social issues (e.g., identity, sexuality, violence, social change).

PHM 2300. Introduction to Political Philosophy (3). An introduction to the main issues in political philosophy: the justification of political authority, role of law, political obligation, neocolonialism, disobedience, revolution, rights, the appropriate ends of government, patterns of distribution and justice.

PHM 3123. Philosophy of Feminism (3). A comprehensive survey of the most important schools of thought and issues in feminist philosophy, with emphasis on feminist politics and ethics. Liberal, socialist, Marxist, and radical feminism and their differing views about equality, rights, and gender roles are discussed. Critics of how traditional theories of women from 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. Also an introductory 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 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 about law and legal theory. Topics 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.
Philosophers and Schools

PHI 3510. Introduction to Marxist Philosophy (3). A critical overview of the premises and theses of Marxism concerning the understanding of history, economic realities, political struggles, and ideologies as found in the principle works of its founders.

PHI 3786r. Existentialism (3). An introduction to existential philosophy through detailed and critical analysis of selected major works in the field with special attention to Heidegger and/or Sartre. May be repeated to a maximum of nine semester hours.

PHI 4830r. 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 semester hours.

Graduate Courses

PHH 5105r. Greek Philosophy (3).
PHH 5405r. Modern Philosophy (3).
PHH 5505r. 19th-Century Philosophy (3).
PHH 5605r. Contemporary Philosophy (3).
PHH 6005r. 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 5904. 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 5945. Directed 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 6455r. 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).
PHM 6205r. Social and Political Philosophy (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

PHILOLOGY:
see also Religion

PHOTOGRAPHY:
see Art
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). The department offers the following majors: Physics, Physics and Astrophysics, Physical Science, and Physical Science with FSU-Teach. The departmental course offerings include courses for non-science majors, for non-physical-science majors, for K–12 educators, and 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 as well as Physics and Astrophysics satisfy this requirement by earning a grade of “C-” or higher in PHZ 4151C. Undergraduate majors in Physical Science and Physical Science/FSU-Teach satisfy this requirement by earning a grade of “C-” or higher in COP 3014, ISC 3313, or PHZ 4151C.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit [http://facts23.facts.org/Florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual](http://facts23.facts.org/Florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual) for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

**Physics, Physics and Astrophysics**

1. CHM X045C, or CHM X040 and CHM X041, or CHM X045/X045L
2. CHM X046C or CHM X046/X046L
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. MAC X313 or MAC X283
6. PHY X048/X048L and PHY X049/X049L, or PHY X048C and PHY X049C

**Physical Science**

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C
2. CHM X046/X046L or CHM X046C
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. MAC X313 or MAC X283
6. PHY X048C and PHY X049C, or PHY X048/X048L and PHY X049/ X049L
7. MAC X312

**Physical Science/FSU-Teach**

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C
2. CHM X046/X046L or CHM X046C
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. MAC X313 or MAC X283
6. PHY X048C and PHY X049C, or PHY X048/X048L and PHY X049/ X049L
7. MAC X312

**Physics and Astrophysics Major**

A Physics and Astrophysics major is required to take:

1. The following core courses: Discovering Physics (PHY 1090), General Physics A (PHY 2048C), General Physics B (PHY 2049C), Communication in Physics (PHY 3091), Intermediate Modern Physics (PHY 3101), Mathematical Physics (PHZ 3113), Mechanics I (PHY 3221), Intermediate Laboratory (PHY 3802L), Electricity and Magnetism I (PHY 4323), Thermal and Statistical Physics (PHY 4513), Quantum Theory of Matter A (PHY 4604), and Advanced Laboratory (PHY 4822Lr).
2. At least four of the following courses: Introduction to Astrophysics (AST 4211), Optics (PHY 3424), Mechanics II (PHY 4222), Electricity and Magnetism II (PHY 4324), Quantum Theory of Matter B (PHY 4605), Phenomena in Condensed Matter Physics (PHY 3400), Particle and Nuclear Physics (PHZ 4390), and Special and General Relativity (PHZ 4601).
3. The following computational course: Computational Physics Lab (PHZ 4151C).
4. One of the following sets of chemistry courses: General Chemistry I/Laboratory (CHM 1045/1045L) or Honors General Chemistry I/Laboratory (CHM 1050/1050L).
5. The following mathematics classes: Calculus with Analytic Geometry I (MAC 2311), Calculus with Analytic Geometry II (MAC 2312), Calculus with Analytic Geometry III (MAC 2313), and Ordinary Differential Equations (MAP 2302) or Engineering Mathematics I (MAP 3305).

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.

An Honors Thesis or Senior Thesis (maximum of 6 credit hours) may be substituted for the Advanced Lab (PHY 4822Lr).

AA transfer students are not required to take PHY 1090.

No physics, chemistry, computer science, or math course with a grade below “C-” may be used to satisfy the above requirements. 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 Physics at Florida State University or elsewhere, whether repeated or not, will not be permitted to graduate with a degree in that major.

In addition to satisfying the above requirements, students must satisfy the general requirements of both the College of Arts and Sciences and the University.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. Degree requirements and outlines of undergraduate programs that will meet all departmental and University requirements are available at [http://www.academic-guide.fsu.edu](http://www.academic-guide.fsu.edu).

The University oral competency communication requirement is satisfied for Physics, Physics and Astrophysics, and Physical Science with FSU-Teach by taking PHY 3091, Communication in Physics. Physical Science majors may take any university course satisfying the university communication requirement. The University computer competency requirement is satisfied for Physics and Physics and Astrophysics majors by taking PHZ 4151C; it is satisfied by Physical Science and Physical Science/FSU-Teach majors by taking COP 3014, ISC 3313, or PHZ 4151C.

**Physics Major**

A Physics minor is required to take:

1. The following core courses: Discovering Physics (PHY 1090), General Physics A (PHY 2048C), General Physics B (PHY 2049C), Communication in Physics (PHY 3091), Intermediate Modern Physics (PHY 3101), Mathematical Physics (PHZ 3113), Mechanics I (PHY 3221), Intermediate Laboratory (PHY 3802L), Electricity and Magnetism I (PHY 4323), Thermal and Statistical Physics (PHY 4513), Quantum Theory of Matter A (PHY 4604), and Advanced Laboratory (PHY 4822Lr).

2. At least four of the following courses: Introduction to Astrophysics (AST 4211), Optics (PHY 3424), Mechanics II (PHY 4222), Electricity and Magnetism II (PHY 4324), Quantum Theory of Matter B (PHY 4605), Phenomena in Condensed Matter Physics (PHY 3400), Particle and Nuclear Physics (PHZ 4390), and Special and General Relativity (PHZ 4601).

3. The following computational course: Computational Physics Lab (PHZ 4151C).

4. One of the following sets of chemistry courses: General Chemistry I/Laboratory (CHM 1045/1045L) or Honors General Chemistry I/Laboratory (CHM 1050/1050L).

5. The following mathematics classes: Calculus with Analytic Geometry I (MAC 2311), Calculus with Analytic Geometry II (MAC 2312), Calculus with Analytic Geometry III (MAC 2313), and Ordinary Differential Equations (MAP 2302) or Engineering Mathematics I (MAP 3305).

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.

An Honors Thesis or Senior Thesis (maximum of 6 credit hours) may be substituted for the Advanced Lab (PHY 4822Lr).

AA transfer students are not required to take PHY 1090.

No physics, chemistry, computer science, or math course with a grade below “C-” may be used to satisfy the above requirements. 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 Physics at Florida State University or elsewhere, whether repeated or not, will not be permitted to graduate with a degree in that major.

In addition to satisfying the above requirements, students must satisfy the general requirements of both the College of Arts and Sciences and the University.

**Physics and Astrophysics Major**

A Physics and Astrophysics major is required to take:

1. The following core courses: Discovering Physics (PHY 1090), General Physics A (PHY 2048C), General Physics B (PHY 2049C), Communication in Physics (PHY 3091), Intermediate Modern Physics (PHY 3101), Mathematical Physics (PHZ 3113), Mechanics I (PHY 3221), Electricity and Magnetism I (PHY 4323), Thermal and Statistical Physics (PHY 4513), Quantum Theory of Matter A (PHY 4604), Mathematical Physics (PHY 3113), Astronomy Laboratory (AST 3022L) or Intermediate Laboratory A (PHY 3802L), Introduction to Astrophysics (AST 4211), and Extragalactic Astronomy (AST 4419) or Observational Techniques in Astrophysics (AST 4722).

2. At least three of the following courses: Physics of Stars (AST 4217), Cosmology and Structure Formation (AST 4414), Particle and Nuclear Physics (PHZ 4390), Special and General Relativity (PHZ 4601), and Nuclear Astrophysics (PHZ 4316).
3. The following computational course: Computational Physics Laboratory (PHZ 4151C).

4. One of the following sets of chemistry courses: General Chemistry I/Laboratory (CHM 1045/1045L) or Honors General Chemistry I/Laboratory (CHM 1050/1050L).

5. The following mathematics classes: Calculus with Analytic Geometry I (MAC 2311), Calculus with Analytic Geometry II (MAC 2312), Calculus with Analytic Geometry III (MAC 2313), and Ordinary Differential Equations (MAP 3302) or Engineering Mathematics I (MAP 3305).

Students who are planning to conduct graduate work in astrophysics are strongly advised to include Planetary Geology (GLY 1042), Mechanics II (PHY 4222), and Quantum Theory of Matter B (PHY 4605) in their programs.

AA transfer students are not required to take PHY 1090.

No physics, chemistry, computer science, or math course with a grade below “C–” may be used to satisfy the above requirements. A student who has received more than five unsatisfactory grades (U, D–, D, D+) in courses required for a major offered by the Department of Physics at Florida State University or elsewhere, whether repeated or not, will not be permitted to graduate with a degree in that major.

In addition to satisfying the above requirements, students must satisfy the general requirements of both the College of Arts and Sciences and the University.

Physical Science Major

The Physical Science program is designed to provide students with opportunities to explore the natural and technological worlds broadly, from the Earth and space sciences to modern physics to computer science and mathematics. A Physical Science major is required to take:

1. The following core courses: General Physics A (PHY 2048C), General Physics B (PHY 2049C), and Intermediate Modern Physics (PHY 3101).

2. One of the following sets of chemistry courses: General Chemistry I/Laboratory (CHM 1045/1045L) and General Chemistry II/Laboratory (CHM 1046/1046L) or Honors General Chemistry I/Laboratory (CHM 1050/1050L) and Honors General Chemistry II/Laboratory (CHM 1051/1051L).

3. One of the following computational courses: Programming I (COP 3014), Computational Physics Lab (PHZ 4151C), or Introduction to Scientific Programming (ISC 3313).

4. The following mathematics courses: Calculus with Analytic Geometry I (MAC 2311) and Calculus with Analytic Geometry II (MAC 2312).

5. At least nine courses from the following list (at least twenty-seven credit hours): Calculus with Analytic Geometry III (MAC 2313), Ordinary Differential Equations (MAP 3302) or Engineering Math I (MAP 3305), Applied Linear Algebra I (MAS 3105), Introduction to Astrophysics (AST 4211), Mechanics I (PHY 3321), Optics (PHY 3424), Intermediate Laboratory (PHY 3802L) Mathematical Physics (PHZ 3113), Condensed Matter Physics (PHZ 3400), Particle and Nuclear Physics (PHZ 4390), Survey of Organic Chemistry and Lab (CHM 2200 and 2200L) or Organic Chemistry I (CHM 2210), Introduction to Analytical Chemistry and Lab (CHM 3120 and 3120L), General Physical Chemistry (CHM 3400), Programming I (COP 3014, unless used to satisfy the computer skills requirement), Object Oriented Programming (COP 3330), Introduction to Unix (COP 3353), Physical Geology (GLY 2101C), Historical Geology and Lab (GLY 2100 and 2100L), Mineralogy and Crystallography (GLY 3200C), Physical Climatology (MET 2101), General Meteorology (MET 2700), Introduction to Atmospheric Dynamics (MET 3305).

No physics, chemistry, computer science, geology, meteorology, or math course with a grade below “C–” may be used to satisfy the above requirements. 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 Physics at Florida State University or elsewhere, whether repeated or not, will not be permitted to graduate with a degree in that major.

In addition to satisfying the above requirements, students must satisfy the general requirements of both the College of Arts and Sciences and the University.

Physical Science/FSU-Teach Major

Physical Science/FSU-Teach majors are required to declare a second major in Science Teaching and to take:

1. The following core courses: General Physics A (PHY 2048C), General Physics B (PHY 2049C), Intermediate Modern Physics (PHY 3101), Intermediate Laboratory (PHY 3802L), and Communication in Physics (PHY 3091).

2. One of the following sets of chemistry courses: General Chemistry I/Laboratory (CHM 1045/1045L) and General Chemistry II/Laboratory (CHM 1046/1046L) or Honors General Chemistry I/Laboratory (CHM 1050/1050L) and Honors General Chemistry II/Laboratory (CHM 1051/1051L).

3. One of the following computational courses: Programming I (COP 3014), Computational Physics Lab (PHZ 4151C), or Introduction to Scientific Programming (ISC 3313).

4. The following mathematics courses: Calculus with Analytic Geometry I (MAC 2311) and Calculus with Analytic Geometry II (MAC 2312).

5. One Physics Learning Assistantship course (PHY 3012).


7. Four of the following five physics courses: Physics Problem Solving (PHY 3045), Optics (PHY 3424), Phenomena in Condensed Matter Physics (PHZ 3400), Particle and Nuclear Physics (PHZ 4390), and Introduction to Astrophysics (AST 4211).

No physics, chemistry, computer science, or math course or ISC 3523C with a grade below “C–” may be used to satisfy the above requirements. 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 Physics at Florida State University or elsewhere, whether repeated or not, will not be permitted to graduate with a degree in that major. In addition to the above requirements, students must satisfy the general requirements of both the College of Arts and Sciences and the University and the requirements for the Science Teaching major.

Minor

The required mathematics for the Physics and Physics and Astrophysics programs is sufficient to constitute an acceptable minor in mathematics, but a student who so desires may take an additional approved minor. For the Physical Science and Physical Science/FSU-Teach programs, the required core courses must be approved by the Department of Physics to comprise the minor.

Minor in Physics

To obtain a minor in physics, a student is required to take General Physics A (PHY 2048C), General Physics B (PHY 2049C), and Intermediate Modern Physics (PHY 3101). Grades below “C–” will not be accepted for a minor.

Minor in Biomedical Physics

The Physics Department offers a minor in Biomedical Physics designed for students preparing for graduate studies in the biological sciences, for medical school, or for medical professions such as physical therapy. Students are required to take either General Physics A and B (PHY 2048C and PHY 2049C) or College Physics A and B (PHY 2053C and PHY 2054C), and Biomedical Physics I and II (PHY 4702 and PHY 4703). Grades below “C–” will not be accepted for a 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.

FSU-Teach Program in Teaching Physics

For those interested in teaching physics, FSU-Teach is an innovative approach to teacher education that involves a collaboration between scientists, mathematicians, and education faculty at The Florida State University. In FSU-Teach, students will develop deep science or mathematics knowledge and the knowledge, skill, and experience needed to be an effective science or math teacher. The program will pay for tuition for the first two courses, and students will develop and work study positions with scientists, mathematicians, and local schools are available. For more information, see the Web site: http://FSU-Teach.fsu.edu.
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 hours. Experiments, measurements, and observations of planets, stellar, galactic, and extragalactic astronomy. (Astronomy laboratory for liberal studies.)

AST 3033. Recent Advances in Astronomy and Cosmology (3). Prerequisites: AST 1002 and basic math requirements or instructor permission. 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 non-science majors with a minimum of mathematics. Survey of light, mechanics, electricity, and magnetism and applications to atomic structure, nuclear, and particle physics. The scientific approach is used. Cannot be taken for credit by students who already have credit in PHY 2048C, PHY 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 hours. Experiments in mechanics, optics, electricity, and magnetism. (Liberal studies laboratory.)

PHY 1075C. Physics of Light and Sound (4). A liberal studies course for non-science majors emphasizing learning the aspects of light and sound needed in recording images and sound. It includes analysis of color, waves, reflection, refraction, imaging, diffraction, spectra, sound levels and perception, and signal processing.

Courses for Non-Physical-Science Majors

PHY 2053C. College Physics A (4). Prerequisites: MAC 1114 and MAC 1140 with grades of “C-” or better or suitable mathematics examination placement score. Corequisite: PHY 2053L. An introduction to mechanics, heat, and waves for non-physical-science majors. Examples from biology, geology, and medicine are incorporated. First course in a two-semester sequence. Calculus not required. Two lectures, one recitation, and one laboratory each week. Students who have previously received credit for PHY 2048C may not register for PHY 2053C.

PHY 2053L. College Physics A Laboratory (0).

PHY 2054C. College Physics B (4). Prerequisite: PHY 2053C or PHY 2048C. Corequisite: PHY 2054L. An introduction to electromagnetism, light, and modern physics for non-physical-science majors. Two lectures, one recitation, and one laboratory each week. Students who have previously received credit for PHY 2048C may not register for PHY 2054C.

PHY 2054L. College Physics B Laboratory (0).

PHY 4702. Biomedical Physics I (3). Prerequisites: PHY 2053C and PHY 2048C or PHY 2048C and PHY 2049C. This is the first in a series of two introductory courses on the applications of physics to biology, medicine, and health sciences. Excellent for those planning careers in health sciences, nursing, or medical assistant training.

PHY 4703. Biomedical Physics II (3). Prerequisites: PHY 2053C and PHY 2048C or PHY 2048C and PHY 2049C. This is the second in a series of two introductory courses on the applications of electricity, magnetism, optics, and modern physics to the nervous system, to vision, and to modern biomedical imaging techniques. The course is intended for students preparing for graduate studies in the biological sciences, for medical school, or for medical professions such as physical therapy and nursing.

Physics for K–12 Educators

PSC 2801C. Physical Science for EC/EE Teachers (4). This course is designed for prospective elementary and early childhood education majors. The course combines physics and chemistry and the laboratory is integral to the course. Students will work in groups in a hands-on, minds-on approach to learning physical science.

PHY 3012. Learning Assistantship in Physics (2). Prerequisites: PHY 2048C and PHY 2049C. Corequisite: PHY 3101. This course focuses on apprentice teaching in an inquiry-based physics learning environment under the direction of a faculty member. In addition, the course provides an examination of theoretical issues such as conceptual development, conceptual change, collaborative learning, technology in education, and students’ conceptions of various topics in physics, as well as practical issues encountered in facilitating learning, managing the classroom, formative and summative assessment, and differentiating instruction in a collaborative environment.

General Physics for Physical Science Majors

PHY 2048C. General Physics A (5). Corequisites: MAC 2311 and PHY 2048L. 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.

PHY 2048L. General Physics A Laboratory (0).

PHY 2049C. General Physics B (5). Prerequisite: PHY 2048 or PHY 2048C with a grade of “C-“ or better. Corequisites: MAC 2312 and PHY 2049L. An introduction to electricity, magnetism, and optics for physical science majors. Calculus is used. Course consists of lectures, recitations, and laboratory.

PHY 2049L. General Physics B Laboratory (0).

Courses for Majors

AST 3721L. Astrophysics Laboratory (1). Prerequisite: PHY 3101. This course offers an introduction to experimental methodology, data analysis and interpretation, calibration techniques, scientific model validation, as well as data presentation and communication of results. The laboratory experiments have astrophysical relevance and include magnetic fields, optical interference and diffraction, wave polarization, line spectroscopy, photoelectric effect, and radioactive decay.

PHY 4211. Introduction to Astrophysics (3). Prerequisites: MAC 2312 and PHY 2049C. Science majors only. This introductory course covers key aspects and concepts of modern astronomy and astrophysics, including coordinate systems, instrumentation, our sun and planets, stars and stellar evolution, binary systems and variable stars, stellar explosions, as well as galaxies and the evolution of the universe.

PHY 4217. Physics of Stars (3). Prerequisites: PHY 3101 and PHY 3221. This course serves as an introduction to stars and their evolution, and death through as simple theoretical modeling and through a strong emphasis on the underlying physics concepts.

PHY 4414. Cosmology and Structure Formation (3). Prerequisites: AST 4211 and PHY 3101. This course covers the evolution of the universe from the “Hot Big Bang” to the current epoch. Topics include cosmological expansion, the Hubble constant and other cosmological parameters, the background radiation at recombination, cosmic microwave background synthesis, the growth of large-scale structure, the “dark ages” and the re-ionization of the universe, the horizon and other fine-tuning problems, distance determinations, redshift surveys, inflation, cosmological acceleration, as well as dark matter and dark energy.

PHY 4419. Extragalactic Astronomy (3). Prerequisite: AST 4211. This course offers a survey of the physics and phenomenology of galaxies and galaxy structures. Topics include stellar populations, classifications systems, interstellar and intergalactic material, chemical abundances and evolution, galaxy formation, structure, dynamics, and evolution of extragalactic distance determination, interacting systems, as well as active galactic nuclei.

PHY 4722. Observational Techniques in Astrophysics (3). Prerequisite: AST 4211. This course covers principles and techniques used in obtaining modern astronomical data. Includes an overview of current and next-generation astronomical instrumentation, discussion of calibration schemes and observing strategies, and an introduction to analysis techniques.

PHY 1090. 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 astrophysics, elementary particle physics, nuclear physics, and condensed matter physics. May be repeated to a maximum of two semester hours.

PHY 3045. Physics Problem Solving (3). Prerequisites: PHY 2048C and PHY 2049C. Corequisite: PHY 3101, MAP 2302, or instructor permission. This course includes instruction and practice in solving advanced, calculus-based, multi-step problems in classical mechanics, electromagnetism, and quantum mechanics.

PHY 3091. Communication in Physics (2). Prerequisite: PHY 2048C. Corequisite: PHY 2049C. Instruction and practice in oral communications for physicists. Students will choose physics topics in consultation with instructor and present them to the class.

PHY 3101. Intermediate Modern Physics (3). Prerequisite: PHY 2049C. Special relativity, quantum properties of light and matter, origins of the universe.


PHY 3424. Optics (3). Prerequisite: PHY 2049C. Geometrical optics, wave optics, optical instrumentation, properties of light, lasers, fiber optics.

PHY 3802L. Intermediate Laboratory (2). Corequisite: PHY 3101. This course focuses on experiments in optics, modern physics, and electricity and magnetism. The emphasis is on the development of experimental technique, assessment of the validity of experimental data, and the development of skill in the written presentation of results.

PHY 3803L. Intermediate Laboratory B (1). Prerequisite: PHY 3802L. Experiments in atomic spectroscopy, mechanics, radio-frequency and microwave measurements, vacuum technique, and data accumulation with microprocessors. The area of emphasis is between the student and the instructor.

PHY 4222. Mechanics II (3). Prerequisites: PHY 3221, PHZ 3113, or instructor permission. This course focuses on Lagrangian dynamics, Hamiltonian dynamics, dynamics of rigid bodies, coupled oscillations, waves in one-dimensional continuous systems, and special relativity.

PHY 4241. Advanced Dynamics (3). Prerequisites: PHY 3221 and PHY 4243. 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 4323. Electricity and Magnetism I (3). Prerequisites: PHY 3221 and PHZ 3113. This course focuses on electric fields for static charge distributions, electric fields in matter, magnetic fields for constant current configurations, magnetic fields in matter, and Maxwell’s equations.

PHY 4324. Electricity and Magnetism II (3). Prerequisite: PHY 4323. This course focuses on electromagnetic wave solutions to Maxwell’s equations; reflection, transmission, dispersion, and absorption of electromagnetic waves; scalar and vector potentials; electromagnetic dipole radiation, electrodynamics; and relativity.


PHY 4604. Quantum Theory of Matter A (3). Prerequisites: PHY 3101, PHY 3221, and PHZ 3113. This course focuses on quantum mechanics and its applications to particles, nuclei, atoms, molecules, and condensed matter.


PHY 4822Lr. Advanced Laboratory (2). Prerequisite: PHY 3802L. Experiments in atomic physics, nuclear physics, and other areas of modern physics. Students are expected to work without detailed instructions. The course may be repeated to a maximum of six semester hours for special projects arranged in advance between the student and the instructor.

PHZ 3113. Mathematical Physics (3). Prerequisite: PHY 3101. Corequisite: MAP 2302 or MAF 3305. Mathematical methods applied to physical systems; vectors, specialized techniques of integration, integral transforms, special functions, boundary-value problems, numerical methods.

PHZ 3400. Phenomena in Condensed Matter Physics (3). Prerequisite: PHY 3101. This course covers topics such as: crystal structures, phonons and thermal properties, electron energy bands, metals, semiconductors, superconductors, and magnetism.

PHZ 4151C. Computational Physics Laboratory (3). Prerequisites: MAP 2302 or MAF 3305. PHY 3321, and PHZ 3113. An introduction to the use of computers to solve computationally intensive problems, including basic instruction in physics problem solving using numerical solutions of differential equations, numerical integration, Monte Carlo methods, linear algebra, and symbolic algebra. Provides instruction in computational techniques and software development skills and practice in using network and software development tools including telnet, ftp, spreadsheets, databases, code management tools, and the World Wide Web. Satisfies the University computer skills competency requirement.

PHZ 4516. Nuclear Astrophysics (3). Prerequisite: AST 4211. Corequisite: PHY 4604. This course covers topics such as: nuclear energy, application of nuclear reactions and decays in astrophysics. Topics cover the origin of elements in the context of Big Bang, major burning stages in the life of a star, stellar explosions, and processes in interstellar matter.

PHZ 4390. Particle and Nuclear Physics (3). Prerequisites: MAP 2302 or MAF 3305 and PHY 3101, or instructor permission. This course examines the properties of nuclei and particles, nuclear and particle decays, the Standard Model, and accelerator and detector techniques.

PHZ 4601. Special and General Relativity (3). Prerequisite: PHY 3221. Corequisite: PHY 4323. This course examines the special theory of relativity, tensor analysis and curvature, general theory of relativity, experimental tests, black holes, gravitational radiation, and cosmology.

Research and Special Topics

AST 4218r. Astrophysics Seminar (1). Prerequisite: AST 4211. This seminar introduces students to current research topics in astronomy and astrophysics through presentation and discussion of recently published research papers, their own research work, and occasional review publications. Topics cover observational and theoretical astrophysics alike. May be repeated to a maximum of two semester hours.

PHY 3949r. Cooperative Work Experience (0). (S/U grade only.)

PHY 4905s. Directed Individual Study (1–3). May be repeated to a maximum of eighteen semester hours.

PHY 4910r. Research Participation (1–3). 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 semester hours.

PHY 4936r. Special Topics in Physics (1–3). Prerequisite: Senior standing or instructor permission. 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 semester hours.

PHY 4937r. Undergraduate Tutorial in Physics (1–3). (S/U grade only.) Prerequisite: Upper-division undergraduate standing. Selected topics in modern physics. Examination of primary research literature. May be repeated to a maximum of fifteen semester hours. A maximum of eight students allowed in each tutorial.

PHY 4970r. Honors Work (1–6). May be repeated to a maximum of nine semester hours.

PHY 4975. Senior Thesis (1). Prerequisite and corequisite: PHY 4910. A written report and an oral presentation discussing research work done under PHY 4910. The grade is assigned by a committee of three faculty members.

PHY 4990r. Senior Seminar (1). Prerequisite: PHY 3101. Corequisites: PHY 3091 and PHY 4910r. Students present results of their physics research to the class for discussion. May be repeated to a maximum of two semester hours.

Graduate Courses

AST 5210. Introduction to Astrophysics (3).

AST 5219r. Astrophysics Seminar (3).

AST 5245. Radiative Processes in Astronomy (3).

AST 5416. Cosmology and Structure Formation (3).

AST 5418. Extragalactic Astronomy (3).

AST 5725. Observational Techniques in Astrophysics (3).

AST 5760. Computational Astrophysics (3).

AST 5765. Advanced Analysis Techniques in Astronomy (3).

PHY 5157. Advanced Numerical Applications in Physics (3).

PHY 5226. Intermediate Mechanics (3).

PHY 5227. Advanced Mechanics (3).

PHY 5228. Mechanics II (3).

PHY 5246. Theoretical Dynamics (3).

PHY 5326. Electricity and Magnetism I (3).

PHY 5327. Electricity and Magnetism II (3).

PHY 5346. Electrodynamics A (3).

PHY 5347. Electrodynamics B (3).


PHY 5515. Thermal and Statistical Physics (3).

PHY 5524. Statistical Mechanics (3).

PHY 5607r. Quantum Theory of Matter A (3).

PHY 5608r. Quantum Theory of Matter B (3).

PHY 5645. Quantum Mechanics A (3).

PHY 5646. Quantum Mechanics B (3).

PHY 5657. Group Theory and Angular Momentum (3).

PHY 5667. Quantum Field Theory (3).

PHY 5669. Quantum Field Theory B (3).

PHY 5707. Quantum Mechanics C (3).

PHY 5909r. Directed Individual Study (1–12). (S/U grade only.)

PHY 5918r. Supervised Research (1–5). (S/U grade only.)

PHY 5920r. Colloquium (1). (S/U grade only.)

PHY 5930. Introductory Seminar on Research (1). (S/U grade only.)

PHY 5940r. Supervised Teaching (0–5). (S/U grade only.)

PHY 5937r. Selected Topics in Physics (1–3).

PHY 5938r. Special Topics in Physics (3). (S/U grade only.)

PHY 6941r. Graduate Tutorial in Physics (1–3). (S/U grade only.)

PHZ 5315. Nuclear Astrophysics (3).

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.

PHYSIOLOGY: see Biological Science
Department of POLITICAL SCIENCE

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Web Page: http://polisci.fsu.edu/

Chair: Dale L. Smith; Professors: Barrileaux, W. Berry, Crew, Jackson, Moore, Scholz, Smith, C. Weissett, W. Weissett; Associate Professors: Barabas, Claggelt, Ehrlich, Gomez, Jerit, Maestas, Reenock, Souva;

Assistant Professors: Beazer, Coleman, Drissoll, Grosser, Ryan, Shannon, Siegel; Instructor: Wiebelhaus-Brahm; Affiliated Faculty: F. Berry, Falaschetti, Feeck, Metcalf; Professors Emeriti: Abcarian, Atkins, Bone, Dye, Flanagan, Flory, Glick, Gray, Palmer, Roady, St. Angelo, Vanderoef

The political science major offers an undergraduate education in the liberal arts tradition, preparing the graduate for a career 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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/Florida/ facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. POS X041
2. POS XXXX or INR XXXX or CPO XXXX

Requirements for a Major in Political Science

A political science major consists of thirty semester hours in political science with a grade of “C–” or better in each course, with the following restrictions:
• At least twenty-one semester hours in courses numbered 3000 and above
• At least twenty-one semester hours in an assembled classroom (as distinguished from individual credit for honors, directed studies, and internships)
• At least fifteen semester hours in an assembled classroom at Florida State University (may include courses taken through 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, POS 1041, and two additional courses chosen from: CPO 2002, INR 2002, PUP 3002, and PAD 3003.

Note: CPO 2002, INR 2002, POS 1041, and PUP 3002 are prerequisites to most of the upper-level courses in their respective subfields.

Majors also must take at least six semester hours in any three subfields. The introductory courses listed above can be counted toward this subfield requirement. Only those courses listed under the subfield headings below can be used toward that subfield (i.e. courses listed under the “Others” section, though having a course prefix of POS, do not count towards the American Government subfield). Majors may verify whether selected courses will count toward major and subfield requirements with the department’s Academic Coordinator.

POS 3713 Understanding Political Science Research is required of all majors. This course should be taken as early as possible in the student’s academic program, and no later than the first semester of junior year (prior to the completion of seventy-five credit hours).

No student who has accumulated three or more grades below “C–” (D+, D, D-, F, U) in political science courses taken for credit, at Florida State University or elsewhere, will be permitted to continue toward a degree with a major in political science.

In 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 semester hours of credit in political science while also gaining practical experience in government and politics. The prerequisites for internship are: completion of at least sixty semester hours; completion of fifteen 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. Internship credits earned through the Askew School of Public Administration, International Affairs, or Interdisciplinary Social Sciences cannot be counted toward political science major or minor requirements.

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 semester hours of political science courses with grades of “C–” or better. A maximum of six semester hours of PAD and/or PHM prefixes combined may be counted toward the minor. At least nine semester hours must be at the 3000 level or above, and at least six 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 instructor permission. 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 instructor permission. Examines the structure and operation of city governments and the political forces that drive decision making. Includes an examination of different forms of local government and the role of political parties, interest groups, and individuals. Examines the varying social and economic factors affecting U.S. cities.

POS 3182. Florida Government (3). Prerequisite: POS 1041 or instructor permission. 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 other state governments, and the effects of interests outside 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 political knowledge; how political attitudes are 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 instructor permission. 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, the role of the president, and the level of government. The specific Latin American countries covered will vary.

POS 3443. Political Parties and Campaigning (3). Prerequisite: POS 1041 or instructor permission. Course describes, explains, and evaluates the structure, activities, and functions of political parties in the United States. Examines party organization and leadership, nominations and elections, and the American electorate, and political campaigning.

POS 3891. Law and Society (3). Prerequisite: POS 1041 or instructor permission. Course explores 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 instructor permission. Varies with the instructor and semester. May be repeated to a maximum of nine semester hours.

POS 4070. Race, Ethnicity, and Politics (3). Prerequisite: POS 1041 or instructor permission. This course examines how race and ethnicity are interwoven in American politics by viewing the role of African-American, Latino, and Asian-American voters, candidates, and public officials, and looking at the political attitudes of these groups.

POS 4206. Political Psychology (3). Prerequisite: POS 1041 or instructor permission. This course examines the psychological origins of citizens’ political beliefs and actions, while providing an overview of the theories and methods used in the field of political psychology. Topics cover information processing, emotion, attribution, tolerance, stereotyping, prejudice, and political communication.

POS 4235. Media and Politics (3). Prerequisite: POS 1041 or instructor permission. This course examines the role of the news media, both print and electronic, in shaping public opinion and voter behavior.

POS 4275. Political Campaigns (3). Prerequisite: POS 1041 or instructor permission. 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 instructor permission. 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-maintained policy.

POS 4413. The American Presidency (3). Prerequisite: POS 1041 or instructor permission. The evolution and power of the American presidency and the relations of the President with the branches of government. Also offered by the School of Public Administration and Public Policy.

POS 4424. Legislative Systems (3). Prerequisite: POS 1041 or instructor permission. Congress and the behavior of its members. Includes the recruitment and election of members of Congress, the functioning of party leaders and congressional committees, the influences on congressional policy-making, and the sources of stability and change in Congress.

POS 4606. The Supreme Court in American Politics (3). Prerequisite: POS 1041 or instructor permission. Reviews the political role of the Supreme Court with particular attention to cases concerning judicial review, commerce power, federalism, and presidential and legislative power.

POS 4624. The Supreme Court, Civil Liberties, and Civil Rights (3). Prerequisite: POS 1041 or instructor permission. Reviews recent interpretations of the Bill of Rights and 14th Amendment. Focuses on special attention to freedom of expression, equal protection, and criminal due process rights.

Comparative Politics

CPO 2002. Introduction to Comparative Government and Politics (3). This course addresses government institutions and current political parties throughout the world, as well as theoretical boundaries and differences in comparative politics. Topics include electoral systems, parliamentary systems, causes of political change, democratization, political culture, ideologies, and economic and social policy. Examples are drawn from Western democracies and developing countries.

CPO 3034. Politics of Developing Areas (3). Prerequisite: CPO 2002 or instructor permission. Course explores a variety of additional political institutions and 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 3101. European Union (3). Prerequisite: CPO 2002 or instructor permission. This course covers the historical development, political institutions, and philosophical underpinnings of the European Union. Topics include federalism, different notions of sovereignty, contemporary decision-making in the EU, assessments of democratic institutions in the member states, the European Parliament, the EEC’s economic and monitory unions, trade policies, environmental policies, and enlargement policies.

CPO 3103. Comparative Government and Politics: Western Europe (3). Prerequisite: CPO 2002 or instructor permission. Political behavior and institutions in Britain, Germany, France, and other European countries and transnational developments in Europe, such as the postindustrial society phenomenon, terrorism, Eurocommunism, and European federation.

CPO 3123. Comparative Government and Politics: Great Britain (3). Prerequisite: CPO 2002 or instructor permission. The political and governmental system of Great Britain within a comparative framework. Comparison and contrast with the United States emphasized.

CPO 3303. Politics of Latin America (3). Prerequisite: CPO 2002 or instructor permission. Course examines Latin American politics after the mid-20th century. Examines the historical, economic, and international contexts in which Latin American political systems are formed and the origins of democracy and non-democracy. Identifies the human costs of political violence. The specific Latin American countries covered will vary.

CPO 3403. Comparative Government and Politics: The Middle East (3). Prerequisite: CPO 2002 or instructor permission. The political systems of the Middle East and their social, economic, and cultural foundations.

CPO 3520. Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3). Prerequisite: CPO 2002 or instructor permission. An introduction to politics in Korea, Taiwan, and Japan. Looks at 20th century political developments to better understand contemporary events in these countries. Deals with political issues such as electoral systems, party systems, “economic miracles,” the process of democratization, the potential future role of these countries in world affairs, North Korean nuclear development, and unification of the Korean Peninsula.

CPO 3541. Politics of China (3). Prerequisite: CPO 2002 or instructor permission. 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 in reform. Also examines current issues.

CPO 3553. Politics of Japan (3). Prerequisite: CPO 2002 or instructor permission. This course examines Japanese society and culture, political behavior, and political institutions since World War II. Emphasis is placed on political transformation since the early Meiji Restoration.

CPO 3733. Emerging Democracies of Central Europe (3). Prerequisite: CPO 2002 or instructor permission. This course examines the new democracies of Central Europe after the collapse of communism. Emphasis is placed on democratic development in Poland, Czechoslovakia [sic], Romania, Yugoslavia, and Hungary. Discussion covers the content of political liberalism and the ways in which especially the transition to democracy and the obstacles faced by all emerging democracies.

CPO 3930r. Special Topics in Comparative Government and Politics (1–3). Prerequisite: CPO 2002 or instructor permission. Topics vary with the instructor and semester. May be repeated to a maximum of nine semester hours.

CPO 4075. Political Violence (3). Prerequisite: CPO 2002 or instructor permission. This course introduces students to scholarly writing on violent political conflict. Reviews theories of guerilla struggle and counter-insurgency, as well as the philosophy of non-violent direct action and several theories of conflict resolution. Course also explores the human costs of political violence.

CPO 4504. Institutional Approaches to Democracies and Dictatorships (3). Prerequisite: CPO 2002 or instructor permission. Course introduces students to scholarly writing on violent political conflict. Reviews theories of guerilla struggle and counter-insurgency, as well as the philosophy of non-violent direct action and several theories of conflict resolution. Course also explores the human costs of political violence.

CPO 4704. Comparative Welfare States (3). Prerequisite: CPO 2002 or instructor permission. This course explores three dimensions related to welfare states: the evolution of welfare states in different societies, how the welfare state has developed in the modern era, and how welfare states in other countries can lead to better understanding of American welfare policies and policies.

International Relations

INR 2002. Introduction to International Relations (3). This course 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 3045. Terror and Politics (3). Prerequisite: INR 2002 or instructor permission. This course explores terrorism, regional organization, and governance in the new world order.

INR 3502. International Organization (3). Prerequisite: INR 2002 or instructor permission. Course covers the role of global and regional international organizations in contemporary world politics. Special emphasis is placed on the United Nations system, including its structure, activities, influence, and role in world integration.

INR 3503. Theories of International Relations (3). Prerequisite: INR 2002 or instructor permission. Course 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 international conflict, and process of international economics.

INR 3933r. Special Topics in International Relations (1–3). Prerequisite: INR 2002 or instructor permission. Topics vary with the instructor and semester. May be repeated to a maximum of nine 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.

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**INR 4075. International Human Rights (3).** Prerequisite: INR 2002 or instructor permission. 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 with special emphasis on the post-World War II era.

**INR 4078. Confronting Human Rights Violations (3).** Prerequisite: INR 2002 or instructor permission. This course investigates various means of confronting massive human rights violations. It compares the recent phenomena of truth commissions and pardons to the more traditional methods of criminal prosecution. Moral issues involved in each approach and how each serves society are explored. Specific truth commission cases are studied.

**INR 4083. International Conflict (3).** Prerequisite: INR 2002 or instructor permission. 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 instructor permission. The role of the U.S. President, State Department, Congress, Central Intelligence Agency, and Defense Department in making foreign policy. Examines the decision-making processes 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 instructor permission. Latin America in the international political system, with emphasis on the United States and Latin America.

**INR 4274. Studies in International Politics: The Middle East (3).** Prerequisite: INR 2002 or instructor permission. Critical developments in the international politics of the Middle East and North Africa; historical background to Middle Eastern conflicts, wars, and crises with a focus on the Arab-Israeli conflict.

**INR 4334. American Defense Policy (3).** Prerequisite: INR 2002 or instructor permission. The evolution and organization of American defense policy as well as an assessment of its current capabilities.

**INR 4702. Political Economy of International Relations (3).** Prerequisite: INR 2002 or instructor permission. Course examines the interactions between politics and economics in international relations. Topics covered include international trade, the global monetary system, multinational corporations, regional integration, and economic development.

### Public Policy

**PUP 3002. Introduction to Public Policy (3).** This course is an introduction to the development of public policy in the United States. Covers major policy areas including housing, education, the economy, homeland security, etc.

**PUP 3323. Women and Politics (3).** Prerequisite: POS 1041 or instructor permission. Course surveys the relations between gender and politics, governance, and public policy. Looks at the impact of government policies on socialization and how this socialization influences political participation. Topics include vote choice, women as candidates and in elective office, women as appointees, and the differential impact of public policies on women and men. Focuses as well on the racial and ethnic differences among women with respect to participation, vote choice, recruitment, and behavior once in office.

**PUP 4008. Public Policy Analysis (3).** Prerequisite: PUP 3002. Introduces students to the assumptions and analytical tools of public policy analysts. Emphasis on the relationship between political science and public policy making.

**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 bureaucracies and their implications for democracy, examining the role of organizations and bureaucracies in public policy, focusing on factors such as decision-making activities, rationality, motivation, and conflict within and among organizations.

**PUP 4203. Environmental Politics and Policy (3).** Prerequisite: PUP 3002 or instructor permission. This course focuses on the actions taken by government to protect and improve environmental quality in the United States. It includes such topics as the underlying scientific principles, the major actors in policy making, existing legislation, and future challenges. Background in science is not necessary.

**PUP 4744. Public Policy and Business (3).** Prerequisites: POS 1041 and PUP 3002. A survey and analysis of public policies affecting business and industry.

**PUP 4931r. Special Topics in Public Policy (1–3).** Prerequisite: PUP 3002 or instructor permission. Open to juniors in any major, except political science majors. canoe special areas of public policy, including environmental regulation, health care reform, or public transportation. Limited to 12 students. May be repeated for credit up to a maximum of nine semester hours.

### 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 from ancient 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 3003. Introduction to Political Thought (3).** Study of the writings of several major political theorists of the past that explore the major issues that define the field of political thought.

**POT 3102. Political Thought in Fiction (3).** An inquiry into politics and political thought as they appear in fiction, including literature, cinema, theatre, and television.

**POT 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).** Prerequisite: CPO 2002 or POS 1041 or PUP 3713 or instructor permission. Explores the historical evolution of competing world views—theism, modernism, and postmodernism—beginning in the Middle Ages. Course links this evolution in Western thought to shifting perspectives in how Americans view their world, especially after 1980. 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 discussions and debates the following issues will be covered: abortion, euthanasia, religion in the schools, pornography, homosexuality, teenage pregnancy, minority rights, feminism, substance abuse, criminal justice, the environment, and personal privacy.

**POT 4205. American Political Thought I (3).** Course explores and analyzes the major thinkers of American political thought from its beginnings up to the Civil War period. 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.

### Others

**POS 3713. Understanding Political Science Research (3).** Prerequisite: POS 1041 or INR 2002 or PUP 3002 or instructor permission. Doing political science as opposed to reading it. Includes introductory examinations of survey research, computer applications, data analysis, and philosophy of science. Required for all political science majors.

**POS 3930r. Advanced Undergraduate Seminar (1–3).** Prerequisite: At least twelve semester hours of political science or instructor permission. Seminar on topics of major theoretical or policy relevance to political scientists. Opportunity for discussion and instructor interaction. Topic varies. May be repeated to a maximum of six semester hours.

**POS 3949r. Cooperative Education Work Experience (0).** (S/U grade only.) Prerequisite: POS 1041 or instructor permission.

**POS 4715. Politics and the Theory of Games (3).** Prerequisites: CPO 2002 or INR 2002 or POS 1041 and completion of the mathematics liberal studies requirements. Course discusses elementary theories of individual and group decision-making that are used to analyze various political phenomena such as the arms race, legislative politics, majority rule in democracies, voting and elections, and coalition governments.

**POS 4905r. Directed Individual Study (1–3).** Prerequisite: At least twelve semester hours of political science or instructor permission. Involves some combination of research, reading, writing, field study, other scholarly activities, and evaluation. May be repeated to a maximum of twelve semester hours.

**POS 4935r. Honors Work (1–6).** When offered as a seminar, selected topics are used to develop outstanding scholarship; also offered for individual students engaged in senior honors thesis. Contact the department for details on prerequisites and requirements. May be repeated to a maximum of nine semester hours.

**POS 4941r. Internship (1–6).** Prerequisites: Completion of at least sixty semester hours, completion of fifteen hours in political science (including POS 3713) with a grade of “C–” or better, a 3.0 GPA average or a 3.0 GPA in political science courses, and departmental permission. For complete details interested students should contact the department.

### 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 5954r. Selected Topics (3).**

**CPO 6810. 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 5137. Politics of Terror (3).**

**INR 5315. Foreign Policy Analysis (3).**

**INR 5507. International Organizations (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).**
Methods of Political Analysis

POS 5723r. Game Theory (3).
POS 5736r. Research Design (3).
POS 5737r. Political Science Data Analysis (3).
POS 5744. Fundamentals of Political Research (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).

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 5009r. Directed Individual Study (1–3).
POS 5546r. Teaching Political Science at the College Level (3).
POS 6030r. Profession of Political Science (0–6). (S/U grade only.)

Applied American Politics and Policy

POS 5085. Governmental Relations for Business (3).
POS 5096. Political Fundraising (3).
POS 5203. Fundamentals of Political Management (3).
POS 5274. The Campaign Process (3).
POS 5276. Political Communication and Message Development (3).
POS 5335. Political Research (3).
POS 5465. Lobbying (3).
POS 5905. Applied Program Planning (1). (S/U grade only.)
POS 5945r. Professional Practicum/Internship (3–12).

For listings relating to graduate coursework 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

College of Arts and Sciences

Web Page: http://www.psych.fsu.edu

Chair: Janet Kistner; Associate Chair: Berler; Professors: Baumeister, Carbonell, Charness, Contreras, Ericsson, Hull, Hyson, Johnson, Joiner, Keel, Kistner, Lonigan, Patrick, Schatschneider, Schmidt, Spector, Tice, Wagner, Wang; Associate Professors: Bernat, Bolaños, Connor, Eckel, Kaschak, Kelley, B. Licht, M. Licht, Maner, McNulty, Plant, Taylor; Assistant Professors: Boot, Cougle, Ehrlinger, Rodefer, Williams; Research Associates in Psychology: Berler, Murphy, Sachs-Ericsson; Associates in Psychology: Kline, Lane; Assistant in Psychology: Polick; Affiliated Faculty: Bennett Johnson, Cappendijk, Davis, Driscoll, Ferris, Gerend, Gluckauf, Kabbaj, Quimet, Phillips, Reyes, Roehrig, VanLandingham, Wetherby, Tenenbaum; Visiting, Courtesy and Adjunct Instructors: Kerr, Lyons Johnson, Sullivan, Wells Harrison; Professors Emeriti: Bailey, Berkley, Brigham, Hokanson, Kennedy, Lang, Megargee, Miller, Rashotte, Smith, Stephan, Torgesen, Weaver

The undergraduate program in psychology offers introductory survey courses to give the liberal studies student a broad background in the study of behavior, as well as upper-division courses for the advanced student who has more specialized interests. The undergraduate major includes a rigorous course of study that covers the methodology and content needed to understand the causes of behavior in humans and animals. It is the intent of the program that the level of knowledge attained by the successful major will be such that the student is well prepared for graduate-level studies in any of the specialty areas in psychology. Likewise, the undergraduate program will provide excellent preparation for those interested in advanced training in a professional school (e.g., law or medical school), although additional coursework outside psychology may be required. Although some students may not wish to pursue graduate studies, this program assures that the successful major will attain a strong science-based liberal arts education.

Majors are required to take three laboratory courses, and qualified students are encouraged to work in the department’s research laboratories or to participate in research in educational and clinical settings. Students are strongly encouraged to consult early and regularly with the departmental Advising 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, as well as how to better prepare oneself for graduate school. Advisers are available M-F from 9:00 a.m. to noon and 1:30 p.m. to 4:30 p.m. You may call (850) 644-4260 or e-mail advising@psy.fsu.edu. The optional areas of emphasis include clinical psychology, cognitive psychology, developmental psychology, neuropsychology, and social psychology. Students on the Panama City campus may specialize in applied behavior analysis and psychology and management. For the student wishing to study abroad, the department offers a summer program to study psychology in London. The program includes two 4000 level elective courses that are not offered at other FSU campuses and that emphasize cultural determinants of behavior. There also may be opportunities to study for a semester in one of FSU’s many study centers and programs abroad (including, but not limited to, Florence, Valencia, London, Panama, and Prague) while completing Liberal Studies requirements, one’s minor, and/or one’s foreign language requirement. 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 BSC 2010L, CGS 2060, CGS 2100, CGS 3046, COP 3014, or ISC 3313.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.
The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. BSC X0XX or BSC X20X or ZOO X010
2. PSY X012
3. PSY XXXX or any other lower level Psychology class within the Psychology Inventory (e.g., CLP, DEP, EAB, EXP, INP, PCO, PPE, and PSB prefixes)
4. STA XXXX

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 Program Prerequisites (listed above), there are additional requirements for formal admission to the psychology major. Please note that students who qualify for upper-division status and who wish to enter FSU as a psychology major must complete all of the following prerequisites prior to being accepted at FSU.

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 courses listed below (each with a “C-” or better); these three courses should be taken as part of the liberal studies requirements or the AA degree.
   a. PSY 2012 General Psychology
   b. One biology course, chosen from among BSC 1005, 2010, 2085, 2086, PCB 2099, PSB 2000, ZOO X010, or equivalent
   c. Any statistics course, with STA 2122 or STA 2171 strongly preferred. The Research Methods course (PSY 3213C), which is required of all majors, requires that STA 2122 or STA 2171 or equivalent be taken as a course prerequisite (or corequisite, if necessary). It is important that students see a psychology adviser for guidance as to when it is best to schedule these courses.

Requirements for a Major

Note: Please see the undergraduate link on the department’s Web site at http://www.psych.fsu.edu or contact the Psychology Advising Office at (850) 644-4260 for requirements.

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 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 or laboratory will be dropped. For courses involving both a lecture and laboratory component, students missing the first day of either component will be dropped from the four-credit course.

Required Upper-Level Courses for a Psychology Major

Note: EXP 3202C, 3203C, 3422C, 3604C, PSY 3213C and PSB 3004C are each four hour courses with both lecture and laboratory components. These courses previously were three hour lecture courses and separate one hour laboratory courses.

Thirty-six semester hours of psychology courses (not including General Psychology) are required for the major. At least eighteen of these thirty-six hours must be taken in residence at FSU. The thirty-six hours must include:

Group 1: Research Methods. STA 2122 or 2171 or equivalent is a prerequisite (or corequisite, for students with prior statistics credit).

Group 1 totals four hours of credit.

PSY 3213C Research Methods in Psychology with Laboratory (4)

Group 2: Neuroscience. Students must take one course, totaling three to four 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 semester hours, from this group. Only one of these can have a DEP prefix.

DEP 3103 Child Psychology (3)
DEP 4404 Psychopathology of Adolescent and Adult Behavior (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; rather, they will take more psychology electives (Group 5) to total thirty-six semester hours. Group 4 adds between zero and eight 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 hours of psychology courses (not including General Psychology). Group 5 adds between fourteen hours and twenty-one hours of credit.

a. Up to six 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 instructor permission only. Students can take a total of up to twenty-four hours of these research experience courses (a combination of up to twelve hours DIS or up to eighteen hours PSY 4920) for university credit, but only six hours total will count toward the psychology major.

b. Honors thesis work (PSY 4039). Students can use honors thesis work to bring the total number of hours of “research experience” to nine hours maximum. For example, if a student took six combined hours of PSY 4920 and PSY 4911, he/she can count an additional three 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.

d. Psychology electives can include any psychology courses not listed above, as well as classes listed under Groups 2, 3, or 4 as long as they have not been used to fulfill other requirements.

e. For students who have not taken any 4000-level psychology courses to fulfill requirements, at least three 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 an Honors in the Major program to encourage talented students 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 have a 3.5 GPA in psychology courses and must be admitted into the University Honors in the Major 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 in the Major Program, students must identify a psychology faculty mentor for supervision of their honors thesis research.

Requirements for a Minor in Psychology

Twelve 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 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. Also, courses with a WST prefix will not count toward the psychology minor.

Areas of Special Emphasis

Several areas of emphasis are available for students, especially those planning a graduate career in psychology or a related field. The areas are clinical psychology, cognitive psychology, developmental psychology, neuroscience, and social psychology. The recommended curriculum includes coursework and DIS or Research Topics to provide 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 (BS) 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 course 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 requirement in all attempted courses: Check with a Panama City psychology adviser regarding current GPA requirement at Panama City, which may differ from the 2.8 required at the main campus.
3. Completion of the three courses listed below (each with a “C−” or better). These three courses should be taken as part of the liberal studies requirements or the AA degree:
   a. PSY 2012 General Psychology
   b. One biology course, chosen from among BSC 1005, 2010, 2085, 2086, PCB 2099, PSB 2000, ZOO X10, or equivalent
   c. Any statistics course, with STA 2122 or STA 2171 strongly preferred. The Research Methods course (PSY 3213C), which is required of all majors, requires that STA 2122 or STA 2171 or equivalent be taken as a course prerequisite (or corequisite, if necessary). It is important that students see a psychology adviser for guidance as to when best to schedule these courses.

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.

Note: For further information about admission, degree requirements, minor requirements, or the foreign language requirements for the bachelor’s degree program, contact the FSU Panama City campus at (850) 872-4750, or toll free at (866) 539-7388, or refer to http://www.pc.fsu.edu.

Definition of Prefixes

CBH—Comparative Psychology and Animal Behavior
CLP—Clinical Psychology

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PSY 4710. Biology of Eating Disorders and Obesity (3). This course explores the biological and genetic factors that may increase susceptibility to develop an eating disorder or obesity. It also provides a survey of biological changes that arise in individuals with an eating disorder or obesity.

PSB 4731. Biopsychology of Sexual Behavior (3). Prerequisites: PSY 2012 and PSB 2000 or PSB 3004C or three semester hours in biology. This course studies biological and sociocultural determinants of sexual development particularly as it relates to sexual orientation, sexual preference, and purported gender differences in personality, cognition, and mental disorders.

Human Learning and Cognition

EXP 2200. Mind and Cognition (3). Prerequisite: Instructor permission. This course focuses on intelligent behavior in humans, animals, and machines and on the mechanisms underlying this behavior.

EXP 3804C. Developmental Psychology with Laboratory (4). Prerequisite: PSY 3213C. This course covers contemporary approaches to human learning, memory, and higher mental processes; lecture plus laboratory experiments.

EXP 4404. Human Memory and Learning (3). Prerequisites: PSY 2012. This course introduces issues related to human memory and learning. Theories of memory, including memory systems, capacity and duration of memory, and basic memory processes are discussed. Applied issues are covered, including disorders of memory (e.g., Alzheimer’s disease), repressed memories, and memory improvement.

EXP 4640. Psychology of Language (3). Prerequisites: PSY 2012. This course focuses on the mental processes involved in language use (e.g., speech, comprehension, conversation, and writing).

Clinical/Personality

CLP 3003. Psychology of Adjustment (3). Prerequisite: PSY 2012. This course covers human adjustments and the resulting forms of behavior. Abnormal and normal behavior are contrasted. Special emphasis on the determinants of adjustments.

CLP 3305. Clinical and Counseling Psychology (3). Prerequisite: PSY 2012. This course is a survey of the theory, research, and treatment procedures in the clinical process.

CLP 3314. Health Psychology (3). Prerequisite: PSY 2012. This course is a survey of health psychology and behavioral medicine. Topics include mind/body connections, health and disease, stress and coping, and psychology in medical settings.

CLP 4110. Eating Disorders (3). Prerequisite: PSY 2012. Junior or senior standing is strongly recommended. This course presents an in-depth investigation of eating disorders including anorexia nervosa, bulimia nervosa, and eating disorders not otherwise specified; and theories of eating disorders. Research findings are discussed pertaining to anxiety, depression, age, and differences in personality features associated with eating disorders.

CLP 4134. Abnormal Child Psychology (3). Prerequisite: DEP 3103. This course focuses on the development, maintenance, assessment, and treatment of various psychological disorders of childhood and adolescence. Theoretical perspectives and research findings are discussed pertaining to anxiety, depression, autism, conduct disorder, attention-deficit disorder/hyperactivity disorder, and learning disabilities.

CLP 4143. Abnormal Psychology (3). Prerequisite: PSY 2012. Junior or senior standing is strongly recommended. This course covers the causes of personality disorders, diagnosis, and treatment of mental illness, and development in experimental psychopathology.

CLP 4182. Addictive Behaviors (3). Prerequisites: PSY 2012 and junior or senior standing. 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 a relevant public policy is the focus.

CLP 4343r. Current Issues in Clinical Psychology (3). Prerequisites: PSY 2012 and junior or senior standing. This course studies current issues in clinical psychology. May be repeated to a maximum of six semester hours.

CLP 4392. Psychology of Criminal Behavior (3). Prerequisite: PSY 2012. This course focuses on understanding psychological factors relevant to the development and maintenance of criminal behavior. As a point of reference for understanding the intrapersonal factors contributing to criminality, the course focuses in detail on the clinical phenomenon of psychopathic personality, or “psychopathy,” and the related concept of antisocial personality disorder.

CLP 4500. Abnormal Psychology Field Experience (1). S/U grade only. Prerequisites: CLP 4143 and instructor permission.

PPE 3003. Psychology of Personality (3). Prerequisite: PSY 2012. This course is an introduction to methods, theory, and research in personality.

PSY 4302. Theory, Application, and Evaluation of Tests (3). Prerequisite: PSY 3213C. This course explores basic test and measurement theory which is 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. This course examines recent research dealing with adolescents. Emphasis 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. This course focuses on the major psychological issues of adulthood and aging, including change 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, act, and feel in social situations and how these processes 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. This course is a systematic study of research and theories about gender, including psychological differences and similarities between sexes.

SOP 3751. Psychology and the Law (3). Prerequisite: PSY 2012. This course is 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 3782. Psychology of the African-American (3). Prerequisite: PSY 2012. This course is 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 and SOP 3004. This 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 2012 and 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 techniques based on learning theory which can be used therapeutically.

INP 3303. Business Psychology (3). Prerequisite: PSY 2012. This course focuses on topics such as 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, and PSY 2012. This course covers behavior principles as they are applied in business, industry, and government.

INP 4314. Advanced Topics in Performance Management (4). Prerequisites: INP 3313 and instructor permission. This course focuses on the implementation and analysis of performance management principles via a project carried out in a business setting; motivation, compensation, and systems issues in performance technology.

Multiple Areas

ISC 3076. Science, Technology, and Society (3). This course examines interrelationships among science, technology, and society. Science is considered as an enterprise in modern society that produces technological advances and new perspectives on reality. Enrollment is open to students who have attained at least junior standing or by instructor permission.

PSY 3949r. Cooperative Education Work Experience (0). (S/U grade only.) This non-credit experiential learning course offers students an opportunity to gain “real world” on-the-job work experience related to a specific academic field of study. Students must register for this course through the FSU Career Center.

PSY 4039r. Honors Work(1–6). May be repeated to a maximum of nine semester hours.

PSY 4911r–4914r. Directed Individual Study (one to three hours each). (S/U grade only.) Prerequisite: Instructor permission. This course is a study on a selected topic as designated by the student and the directing professor. Each course may be repeated to a maximum of three semester hours.

PSY 4929r. Research Topics (1–3). (S/U grade only.) Prerequisite: Instructor permission. This course is a study on a selected topic as designated by the student and the directing professor. Each course may be repeated to a maximum of eighteen semester hours, with a maximum of six hours repeatable in a given semester.

PSY 4939r. Special Topics in Psychology (3). Prerequisite: PSY 2012. Topics vary. May be repeated to a maximum of twenty-four semester hours. May be repeated within the same semester.

PSY 4970r. Honors Seminar (1). (S/U grade only.) Prerequisites: 3.2 overall GPA and 3.5 Psychology GPA. This course provides exposure to state-of-the-art research of psychology faculty to increase breadth in the discipline and to help select a thesis topic and research mentor. May be repeated to a maximum of four semester hours.

SCE 4939r. Seminar in Contemporary Science, Mathematics and Science Education (1). This course includes presentations of contemporary and interesting issues in science, mathematics, or academic methods. Content varies from semester to semester. May be repeated to a maximum of four semester hours.

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 5780. Ethical and Professional Issues in Applied Behavior Analysis (3).
EAB 5940. Applied Behavioral Analysis Practicum (3). (S/U grade only.)
EAB 5941. Applied Behavioral Analysis Practicum (3). (S/U grade only.)
EAB 5942. Applied Behavioral Analysis Practicum (3). (S/U grade only.)
EAB 6130r. Seminar on Skinner’s Theory of Behaviorism (3).

Clinical: Personality
CLP 5189. Diversity in Individuals and Cultures: Issues for Clinical Psychology (3).
CLP 5196. Techniques of Behavioral Change (3).
CLP 5375. Research Design and Methods in Clinical Psychology (3).
CLP 5475. Child Development and Psychopathology (3).
CLP 5624. Ethics and Standards of Professional Practice (3). (S/U grade only.)
CLP 5641r. Psychology Clinic Practicum (1–3). (S/U grade only.)
CLP 5642r. Clinical Practicum: Psychological Evaluation (1–5). (S/U grade only.)
CLP 6169. Adult Development and Psychopathology (3).
CLP 6340r. Seminar in Clinical Theory (3).
CLP 6620r. Current Issues in Clinical Psychology (1). (S/U grade only.)
CLP 6644r. Clinical Practicum: Change of Behavior (1–3). (S/U grade only.)
CLP 6647r. Clinical Practicum: Change of Behavior (1–3). (S/U grade only.)
PSY 5325. Assessment I (3).
PSY 6640r. External Placement Practicum (1–6). (S/U grade only.)
PSY 6648r. Psychology Internship (1–9). (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 6620r. Issues in Cognitive Science (1). (S/U grade only.)

Life-Span Development
DEP 5165. Developmental Psychology (3).

Psychobiology/Neuroscience
EXP 5406. Neurobiology of Learning and Memory (3).
EXP 5717. Animal Psychophysiology (3).
PCB 5845. Cell and Molecular Neuroscience (4).
PSB 5056. Biological Psychology (3).
PSB 5057. Neuroscience Methods: Molecules to Behavior (2).
PSB 5077. Responsible Conduct of Research (2).
PSB 5230C. Vertebrate Neuroanatomy (4).
PSB 5341. Systems and Behavioral Neuroscience (3).
PSB 5347. Neuropharmacology (3).
PSB 6059r. Seminar in Physiological Psychology (3).
PSB 6070r. Current Problems in Neuroscience (2). (S/U grade only.)
PSB 6620r. Neuroscience Colloquium (1). (S/U grade only.)
PSB 6633r. Seminar in Neuroscience (1–2).

Social
SOP 5069r. Personality and Social Psychology (3).
SOP 5620r. Current Issues in Social Psychology (1). (S/U grade only.)
SOP 6639r. 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 5947r. Supervised Teaching (1–5). (S/U grade only.)
PSY 6691r. Seminar in Current Research Topics (1–3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Prerequisite: PAD 4391. This course introduces students to the fundamental concepts, theories, principles, and practices of the role of Incident Command (ICS) as an organizational structure, Emergency Operations Centers (EOC) in coordinating response and recovery to crises, and information and knowledge management systems that support disaster management.

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 principles and techniques, transition strategies, case studies, and future scenarios.

PAD 4603. Administrative Law (3). Study of the constitutions, statutes, executive orders, and procedures that control the administrative authorities of government. (Also offered by the Department of Political Science.)

PAD 4606. American Legal Systems (3). This course is an overview of American legal systems. Topics include the interrelationships between law and social sciences, the nature of legal systems, how to read and analyze a court case, and interpret statutes, and analysis of important legal controversies.

PAD 4712. Information Resource and Communication Management (3). This course in information management, information resource management, and information technologies is aimed at administrators in the public and not-for-profit sectors. It deals with the basics of information technologies, organizational and other communications or information exchange networks; the interaction of government and non-profits with clients, citizens, other agencies or institutions; and the virtual state.

PAD 4803. Local Government Administration (3). An introduction to administrative problems and processes in municipal, county, and special district governments.

PAD 4833. International and Comparative Disaster Management (3). This course discusses practical and theoretical issues associated with international disaster management. Risk, hazards, and disasters are addressed from a global perspective with particular emphasis placed on the differences in key issues between developing and developed countries.

PAD 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

PAD 4936r. Special Topics in Public Administration (3). Topics will vary. May be repeated to a maximum of nine semester hours.

POS 4413. The American Presidency (3). The roles of the American president, especially their relationship to government administration. (Also offered by the Department of Political Science.)

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 semester hours.

PAD 3941r. Public Service Internship (3–6). (S/U grade only.) Prerequisite: PAD 3003 or equivalent. Participation in 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 semester hours.

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 4372. Leadership and Communication in Emergency Management (3). This course is designed to introduce students to the fundamental concepts, theories, principles, and practices of public information and communication in a risk environment as well as effective leadership principles in an emergency management shared power context.

PAD 4374. Introduction to Terrorism: Preparedness and Response (3). This course introduces students to the fundamental concepts, theories, principles, and practices of terrorism and terrorist events.

PAD 4375. Advanced Topics in Terrorism (3). Prerequisite: PAD 4374. This course reviews the contemporary evolution of terrorism and the current direction of global terrorism with regards to domestic policies and programs.

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 4393. 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 4395. Disaster Systems (3). Prerequisite: PAD 4391. This course introduces students to the fundamental concepts, theories, principles, and practices of the role of Incident Command (ICS) as an organizational structure, Emergency Operations Centers (EOC) in coordinating response and recovery to crises, and information and knowledge management systems that support disaster management.

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 principles and techniques, transition strategies, case studies, and future scenarios.

PAD 4603. Administrative Law (3). Study of the constitutions, statutes, executive orders, and procedures that control the administrative authorities of government. (Also offered by the Department of Political Science.)

PAD 4606. American Legal Systems (3). This course is an overview of American legal systems. Topics include the interrelationships between law and social sciences, the nature of legal systems, how to read and analyze a court case, and interpret statutes, and analysis of important legal controversies.

PAD 4712. Information Resource and Communication Management (3). This course in information management, information resource management, and information technologies is aimed at administrators in the public and not-for-profit sectors. It deals with the basics of information technologies, organizational and other communications or information exchange networks; the interaction of government and non-profits with clients, citizens, other agencies or institutions; and the virtual state.

PAD 4803. Local Government Administration (3). An introduction to administrative problems and processes in municipal, county, and special district governments.

PAD 4833. International and Comparative Disaster Management (3). This course discusses practical and theoretical issues associated with international disaster management. Risk, hazards, and disasters are addressed from a global perspective with particular emphasis placed on the differences in key issues between developing and developed countries.

PAD 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

PAD 4936r. Special Topics in Public Administration (3). Topics will vary. May be repeated to a maximum of nine semester hours.

POS 4413. The American Presidency (3). The roles of the American president, especially their relationship to government administration. (Also offered by the Department of Political Science.)

Graduate Courses

PAD 5035. Policy Development and Administration (3).

PAD 5041. Public Service Ethics (3).

PAD 5050. The Profession of Public Administration (3).

PAD 5106. Public Organizations (3).

PAD 5227. Managing Public Financial Resources (3).

PAD 5275. Political Economy of Public Administration (3).

PAD 5327. Public Program Evaluation (3).

PAD 5335. Strategic Leadership for Communities (3).

PAD 5373. Leadership and Communication in Emergency Management (3).

PAD 5376. Introduction to Terrorism: Preparedness Response (3).

PAD 5377. Advanced Topics in Terrorism (3).

PAD 5378. Disaster Systems (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 5565. Administrative Law (3).

PAD 5700. Research Design (3).

PAD 5700L. Research Design Laboratory (0). (S/U grade only.)

PAD 5701. Quantitative Analysis in Public Administration (3).

PAD 5701L. Quantitative Analysis in Public Administration Laboratory (0). (S/U grade only.)

PAD 5710. Information Resource and Communication Management (3).

PAD 5826. Intergovernmental Management and Relations (3).

PAD 5835. International and Comparative Disaster Management (3).

PAD 5846. Health Policy and Public Administration (3).

PAD 5859. Managing Public Procurement (3).

PAD 5907r. Directed Individual Study (1–3). (S/U grade only.)

PAD 5946. Public Service Internship (3). (S/U grade only.)

PAD 5948r. Supervised Teaching (1–5). (S/U grade only.)

PAD 6054. Intellectual History and Future of Public Administration (3).

PAD 6075. Advanced Administrative Theory (3).
Program in
PUBLIC SAFETY AND SECURITY

COLLEGE OF APPLIED STUDIES

Web Page: http://appliedstudies.pc.fsu.edu/Academics/
Public-Safety-and-Security
Program Coordinators: Tom Kelley, Dale Nute; Associates In: Pelham, Zinzer; Assistant In: Feulner

Public Safety and Security combines disciplines within both social science and physical science to address problems presented by criminal behavior. The Public Safety and Security BS degree prepares students to practice within most of the public safety and security professions.

The Public Safety and Security degree integrates practical exercises, both analytic and hands-on, with theoretical principles to provide students with the knowledge, skills, and abilities required by the competencies for law enforcement, security, intelligence, and investigations. The guiding perspective of public safety is as an operational spectrum from prevention to response to investigation, under laid with intelligence, connected by a management information system, all facilitated by an overarching management system. The core and required courses are designed to provide students with an overview of this entire spectrum and also the opportunity to focus on operating within a portion of the system.

An undergraduate degree in Public Safety and Security offers broad preparation for positions in law enforcement, public and private security, Department of Homeland Security agencies, the intelligence services, community and residential corrections, court services, probation and parole, and may serve as a foundation for law school or graduate school.

Advising
Florida State University Panama City provides academic advising to students interested in pursuing coursework in Public Safety and Security. For more information, please contact Angie Sexton by e-mail at asexton@pc.fsu.edu or by phone at (850) 770-2178.

Admissions
All students must meet the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin. In order to enroll in the College of Applied Studies, an undergraduate must be certified by the Division of Undergraduate Studies or be a transfer student with fifty-two or more semester hours of accepted credit. CLAS completion (or exemption) and foreign language completion (or exemption) are also required. Under certain circumstances, students may be admitted without these, but will be required to complete both while enrolled in the program in addition to other program requirements. In addition, there are three alternative criteria for admission to the program.

1. Completion of an AS degree in Criminal Justice, Emergency Administration and Management (Homeland Security), or Crime Scene Technology from a Florida public college. The AS degree shall include forty-six hours in professional core requirements and eighteen semester hours of transferable coursework that meets Florida’s general education requirements for a total of sixty-four semester hours with a minimum cumulative grade point average of 2.0 on a 4.0 scale. The extra hours for the AS degree are prescribed by the SBE for articulation from an AS in Criminal Justice Technology to BS in Criminal Justice.

2. Completion of an AA degree from a Florida public college with a minimum cumulative grade point average of 2.0 on a 4.0 scale. The AA degree shall include the completion of the Florida State general education requirements.

3. Transfer students from a regionally accredited postsecondary institution who have sixty or more semester hours of transferable credit. Transfer students must have a minimum grade point average of 2.5. These students must complete the Florida State University general education requirements while enrolled in this program.

Transcripts for students entering with more than the specified hours for the AS or AA will be evaluated for whether any of the hours are applicable to the degree. Hours applicable will be subtracted from the nominal sixty-six (AS) or sixty (AA or transfer) required to a maximum of fifteen hours of underclass hours. Transcripts for transfer students will be evaluated in a similar fashion and some upper-level hours may be accepted to a maximum of thirty hours because the last thirty hours must be taken at FSU. Hours not applicable to the Public Safety and Security degree will not be transferred to avoid a possibility of a student incurring an excess hours charge.
Students applying for admission to either the Public Safety and Security programs or the Underwater Crime Scene Investigation Certificate must apply through Florida State University’s Panama City Office of Admissions and Records online at [http://pc.fsu.edu/QUICK-LINKS/](http://pc.fsu.edu/QUICK-LINKS/).

**Academic Performance and Retention**

A grade of “C-” or above is required for credit in all core courses. A student who accumulates more than four unsatisfactory grades (U, F, D-, D, D+) in courses taken for college credit at FSU or elsewhere after admission to the program, whether repeated or not, will not be permitted to continue or graduate as a major in the College.

**Degree Requirements**

General graduation requirements include:

- A minimum cumulative grade point average of 2.0 on a 4.0 scale in all work attempted.
- Completion of the Gordon Rule Composition and Mathematics requirements.
- Completion of the Oral Competency, Computer Skills Competency, and Multicultural course requirements.
- Satisfaction of the state of Florida’s foreign language requirement.
- Credit hours required to satisfy this requirement are in addition to the sixty-six (Post AS) or sixty (Post AA) required.
- Completion of at least twenty-seven of the Public Safety and Security credit hours at FSU; completion of forty-five hours at the 3000/4000 level; and, completion of the last thirty hours for the degree at FSU.

Additional graduation requirements will depend on whether the student was admitted as an AS to BS student, as an AA transfer student from a Florida public college, or as a non-Florida AA transfer student. The six extra hours for the AS to BS degree are prescribed by the SBE for articulation from an AS in Criminal Justice Technology to BS in Criminal Justice.

Admitted to the articulated AS to BS program — one hundred thirty total hours are required with sixty-six hours beyond the specified AS degree requirements. The ten total extra hours for the AS to BS degree (four extra for AS and six extra for BS) are prescribed by the SBE for articulation from an AS in Criminal Justice Technology to BS in Criminal Justice. The post AS credit hours are to be distributed as follows:

- Forty-eight credit hours in Public Safety and Security with specific requirements of:
  - Eighteen hours in core courses, taken at FSU, and completed with a “C” or better,
  - Twenty-seven hours in restricted electives,
  - Three hour integrated capstone course,
  - Eighteen hours in liberal studies to complete the thirty-six hour general education requirement.

Admitted with an AA from a Florida public college — one hundred twenty total hours are required. The post-AA credit hours are to be distributed as follows:

- Forty-eight credit hours in Public Safety and Security with specific requirements of:
  - Eighteen hours in core courses completed with a “C” or better,
  - Twenty-seven hours in restricted electives and/or required major courses,
  - Three hour integrated capstone course,
  - Twelve hours in a minor or elective hours approved by the College.

Admitted as a transfer student — one hundred twenty total hours are required. The remaining hours are to be distributed as follows:

- Forty-eight credit hours in Public Safety and Security with specific requirements of:
  - Eighteen hours in core courses completed with a “C” or better,
  - Twenty-seven hours in restricted electives and/or required major courses,
  - Three hour integrated capstone course,
  - Twelve hours in a minor or elective hours approved by the College.

In addition, transfer students must complete FSU’s general education requirements, either as part of the twelve hours of unrestricted electives or in addition to them.

**Computer Skills Competency**

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in public safety and security satisfy this requirement by earning a grade of “C-” or higher in CSS 2060 or CSS 2100.

**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. Internships are available for juniors and seniors who have completed the core courses and have satisfied the CLAS 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, FSU Panama City will not be liable if a student cannot be placed. Students are responsible for all living and transportation expenses during internship experiences.

**Certificates**

The College of Applied Studies, Public Safety and Security, offers an Underwater Crime Scene Investigation (UCSI) Certificate that may be earned independently or as part of a bachelor’s or master’s degree. For more information, visit [http://www.pc.fsu.edu/Academics/Certificate-Programs/Underwater-Crime-Scene-Investigation-Certificate-Program](http://www.pc.fsu.edu/Academics/Certificate-Programs/Underwater-Crime-Scene-Investigation-Certificate-Program) or contact Dr. Tom Kelley by e-mail at tkelley@pc.fsu.edu.

**Student Honor Society**

- **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 fifteen semester hours at that campus with a GPA of 3.5 or higher. For more information, contact Cristina Rios by e-mail at crios@pc.fsu.edu.

**Student Activities**

- The Scuba, Hyperbaric, and Recreational Club (SHARC) Dive Club was established to coordinate and facilitate SCUBA training due to FSU Panama City student interest in scientific and recreational diving. Membership is open to all regardless of certification status. Certified divers that are members have access to club resources such as regulators, dive lights, and buoyancy compensators. For more information, contact Jerome Freeman by e-mail at sfreeman@gmail.com, contact the FSU Panama City Dive Locker at (850) 770-2206, or visit the club’s Web site at [http://pc.fsu.edu/QUICK-LINKS/Current-Students/Student-Organizations/Sharc](http://pc.fsu.edu/QUICK-LINKS/Current-Students/Student-Organizations/Sharc).

**Definition of Prefixes**

- **CCJ**—Criminology and Criminal Justice
- **CJC**—Corrections
- **CJE**—Law Enforcement
- **CJJ**—Juvenile Justice
- **DSC**—Domestic Security
- **ISC**—Interdisciplinary Sciences

**Undergraduate Courses**

- **CCJ 3024. The Criminal Justice System (3).** This course provides an advanced overview of principles and practical applications of criminal law, criminal procedure, and criminological theory. Special emphasis is placed on how the components of the criminal justice system: the prosecutorial and defense function, the judiciary, and the field of corrections are synthesized into a functioning process of public safety and security.
- **CCJ 3032. Crime in Media (3).** This course provides students with an understanding of the impact of the media on crime, criminals, the criminal justice system, and the general public. The focus of this course is the historical impact of media and its influences on the outcomes of both routine and sensational cases within the American criminal justice system and how media reporting affects the policy making processes and the social definitions of crime.
CCJ 3651 Drugs and Crime (3). This course provides students with a broad introduction to both illicit and licit drug usage and their impact on the justice system. Drugs and behavior are examined from various perspectives including historical, criminal justice, sociological, and biological perspectives. Emphasis is placed on analyzing the logic of the discourse surrounding drug policy by the opposing advocates.

CCJ 3681. Terrorism and Violence (3). This course provides a critical examination and analysis of major issues, definitions, and controversies associated with the development of terrorism in contemporary society. Historical, political, and cultural aspects that explain terrorism are covered, along with the characteristics means and methods of terrorist groups.

CCJ 3678. Policing Diversity: Race, Gender, Religion, and Crime (3). This course provides students with a theoretical and practical foundation for addressing issues of diversity as public safety and security practitioners. Focus is on an analysis of current local, regional, and national demographics regarding the impact of race, ethnicity, gender, and religion in criminal justice as both producers and victims for crime. Students explore some of the various strategies municipalities have implemented to better serve diverse populations such as policies, laws, and practices.

CCJ 4710. Applied Probability for Research and Investigation (3). This course explores how probability and statistics underlie the decisions of researchers and investigators and how to evaluate the expression of probabilistic and statistical information being used to support such decisions. It provides an overview of types of quantitative data products concentrating on their interpretation and application. Techniques for combining multiple forms of evidence to achieve proof are examined.

CCJ 4744. Evidential Reasoning for Research and Investigation (3). This course introduces the formal and informal approaches for making decisions on information that is uncertain and from diverse sources. Techniques are examined for collecting and using both qualitative and quantitative data to draw inferences about public safety and security programs and investigations.

CJC 3311. Corrections: Practices and Perspectives (3). This course introduces the major issues concerning the history, law, practices, and perspectives in American Corrections. Students examine the interaction of correctional perspectives and practices, their consequences, and being advocated to change them.

CJE 3065. Police and Society (3). This course provides an advanced comprehensive overview of the foundations of policing in modern American society. Emphasis is on the functions of law enforcement and its interaction with a democratic society.

CJE 3612. Interview and Interrogation (3). Prerequisite: CJE 4611. This course provides a both theoretical and practical introduction to collecting reliable information via interviewing and interrogation for use in criminal justice and corporate investigations. Students examine and evaluate the key concepts of differential techniques of interviewing and interrogation, explanations of behavioral symptom analysis, principles of kinesics, aspects of verbalizations, explanation of legal constraints on confessions, the production of evidence indicating deception and malinger, and management aspects of the interview.

CJE 3732. Criminal Intelligence (3). This course focuses on the production of intelligence from the analysis of multiple and diverse sources of information and on its use by formal and informal intelligence agencies. Emphasis is placed on the role of local public safety and security personnel and organizations as both producers and consumers of intelligence and on their relationship to the formal intelligence agencies.

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 how to deduce safe parameters from those principles. This course provides 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. This course is designed to develop proficiency in the basic skills required to perform safe underwater investigations, including recording observations and conducting underwater environmental surveys. Additional equipment fee required.

CJE 4611. Criminal Investigation: Theory and Practice (3). This course gives the student an opportunity to explore and understand investigative facets of law enforcement service delivery. The students focus on the historical relevance of the investigative process, the evolution of investigation, the procedural guidelines for effective investigations, and the mechanics of the modern day investigative process.

CJE 4615. Conduct of Investigation (3). Prerequisite: CJE 4611. This course builds on the Criminal Investigations: Theory and Practice course to provide students the practical application of investigative procedures within legal constraints, the use of specialized documentation and analyses required in the investigation of injury and death, crimes against persons and property; and the combination of evidence from crime scenes, medical-legal examinations, records, and interviews to produce legal proof and articulate its relevancy.

CJE 4762. Forensic Science in Investigation (3). This course combines various 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. The course emphasizes decision-making in forensic science examinations in the context of the incident.

CJE 4762L. Forensic Science in Investigation Laboratory (2). Corequisite: CJE 4762. This laboratory applies 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. This laboratory emphasizes implementation of protocols and the calculation of error rates. Additional equipment fee required.

CJE 4763. Scientific Underwater Investigation (3). Prerequisite: CJE 3761. This course builds upon the Introduction to Underwater Investigation course by providing the techniques to collect data in an underwater environment according to the scientific method. The course delineates the similarities and differences of investigative techniques used in forensic science and other science disciplines that function underwater.

CJE 4763L. Scientific Underwater Investigation Laboratory (1). Corequisite: CJE 5761L. Corequisite: CJE 4763. This laboratory builds upon the Introduction to Underwater Investigation Laboratory course by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use traditional underwater technology adapted from forensic science and various other scientific disciplines. Additional equipment fee required.

CJE 4764. Underwater Crime Scene Methodology (3). Prerequisite: CJE 4762 and CJE 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 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). Prerequisite: CJE 4762 and CJE 4763. Corequisite: CJE 4764. This laboratory applies various techniques for the examination of physical materials generated during the commission of a crime or under the water in order to produce information that enables the investigation and prosecution of criminal activity. Additional equipment fee required.

CJE 4765. Underwater Crime Scene Investigation (3). Prerequisite: CJE 4764. This course builds upon the Introduction to Underwater Crime Scene Methodology Laboratory course by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use traditional underwater technology adapted from forensic science and various other scientific disciplines. Additional equipment fee required.

CJE 4766. Scientific Underwater Crime Scene Investigation (3). Prerequisite: CJE 4765. Corequisite: CJE 4766L. This laboratory builds upon the Scientific Underwater Crime Scene Investigation laboratory course by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use traditional underwater technology adapted from forensic science and various other scientific disciplines. Additional equipment fee required.

CJE 4766L. Scientific Underwater Crime Scene Investigation Laboratory (1). Corequisite: CJE 4766. Corequisite: CJE 4766L. This laboratory builds upon the Scientific Underwater Crime Scene Investigation laboratory course by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use traditional underwater technology adapted from forensic science and various other scientific disciplines. Additional equipment fee required.

CJE 4767. Scientific Underwater Crime Scene Investigation Laboratory (1). Corequisite: CJE 4767L. Corequisite: CJE 4767. This laboratory builds upon the Scientific Underwater Crime Scene Investigation laboratory course by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use traditional underwater technology adapted from forensic science and various other scientific disciplines. Additional equipment fee required.
Program in RECREATION, TOURISM AND EVENTS

COLLEGE OF APPLIED STUDIES
Web Page: http://appliedstudies.pcs.fsu.edu/Academics/Recreation-Tourism-and-Events
Program Coordinator: John Crossey; Associate In: Prince; Assistant In: Trafford

The Recreation, Tourism and Events program offers courses leading to the Bachelor of Science (BS) degree in Recreation, Tourism and Events. The degree is designed to prepare individuals for professional positions in such settings as special events management, resort and commercial recreation, corporate and employee recreation, public park and recreation, youth-serving and military agencies, campus recreation, and travel and tourism. With a Bachelor’s degree from this program, students may qualify for employment as event and recreation program supervisors/managers/coordinators, facility managers, adult and youth sports supervisors, activities directors, special events coordinators, tourism services managers, and guest service coordinators. For more information, contact the Program Coordinator, Dr. John Crossey, by e-mail at jcrossey@pc.fsu.edu or by phone at (850) 770-2239.

Advising
Florida State University Panama City provides academic advising to students interested in pursuing coursework in the College of Applied Studies. For more information, contact Angie Sexton by e-mail at asexton@pc.fsu.edu or by phone at (850) 770-2178.

Degree Requirements
To earn a Bachelor’s degree in Recreation, Tourism and Events, students must successfully complete the following: (1) twenty-eight semester hours of required coursework: LEI 3004, 3312, 3420, 3435, 3843, 4524, 4551, 4602, 4881, 4930; (2) two semester hours of fieldwork: LEI 4921r; (3) fifteen semester hours of internship: LEI 4940r; (4) fifteen semester hours of approved specialization coursework. Students must be certified in First Aid/CPR prior to enrolling in LEI 4940.

To be eligible for the internship, which is scheduled the last semester of the program of study, students must have earned a 2.0 cumulative GPA in all college coursework and a 2.0 GPA in all core courses bearing the prefix LEI. A minimum grade of “C–” or better must be earned in all program coursework.

Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in recreation and leisure services satisfy this requirement by earning a grade of “C–” or higher in CGS 2060 or CGS 2100.

State of Florida Common Program Prerequisites
The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/Florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

Recreation, Tourism and Events – Professional
1. CGS X060 or CGS X100

Requirements for a Minor in Recreation, Tourism and Events
A minor in Recreation, Tourism and Events requires twelve hours of coursework. The minor consists of LEI 3004 and any three of the following courses: LEI 3312, LEI 3420, LEI 3435, LEI 3843, LEI 4524. A grade of “C–” or better must be earned in each course counted toward the minor.

Certificates
The College of Applied Studies offers an online graduate certificate program in Event Management. For more information, contact the Program Coordinator, Rosemary Prince, by e-mail at rprince@fsu.edu or visit http://appliedstudies.pcs.fsu.edu/Academics/Graduate-Certificate-in-Event-Management.

University Honors and Honor Societies
The College of Applied Studies encourages eligible students to participate in university honors and in the honors in the major program. For a list of university-wide honor societies officially recognized by Florida State University, requirements and other information, see the “University Honors Office and Honor Societies” chapter of the General Bulletin. College-wide honor societies officially recognized by the College of Applied Studies are listed below, followed by the discipline-specific societies. For complete details of activities and membership requirements, contact the individual organizations.

Leadership/Scholastic Societies
Garnet and Gold Scholar Society facilitates involvement and recognizes the engaged, well rounded student who excels within and beyond the classroom in the areas of Leadership, Internship, Service, International, and Research. For more information, visit http://garnetandgoldscholar.fsu.edu or contact the FSU Panama City campus adviser Jennifer Scoggins-Polous by e-mail at jpolous@pc.fsu.edu.

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 fifteen semester hours at that campus with a GPA of 3.5 or higher. For more information, e-mail crios@pc.fsu.edu.

Definition of Prefixes
LEI — Leisure

Courses for Recreation, Tourism and Events Majors
LEI1181. Leisure and Recreation: A Cross-Cultural Approach (3). An examination of the leisure and recreation behaviors of people in different cultures. The cultural, political, social, and economic influences on leisure and recreation behaviors will be examined.

LEI1264. Backpacking (1). (S/U grade only.) This is an introductory course designed to prepare participants for backpacking in low-level terrain in a safe and environmentally sound manner. The course covers equipment, clothing, food preparation, route selection, safety and risk management, environmental practices, and “no trace” camping.

LEI1267. Canoeing/Kayaking (1). (S/U grade only.) This course is designed to give students an applicable knowledge of the sport/activity of canoeing and kayaking, as well as develop students’ physical and mental ability to learn and execute canoeing and kayaking skills. This is a beginner flat water and Class 1 level canoe course.

LEI1269. Rock Climbing (1). (S/U grade only.) This is a basic rock-climbing class. The material covered is for students with little or no experience or knowledge of rock climbing. This class is experimental in nature; therefore, being present and active in class is necessary. Skills may include but are not limited to knot-tying, belaying, bolddering, safety concerns, route reading, and technique.

LEI3004. Introduction to Recreation, Tourism and Events (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.

LEI3140. 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.

LEI2265r. Challenge Course Facilitation Training (1–4). This course provides the student with the knowledge and skills to lead new games and field games and to facilitate group initiatives, 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 comprises four separate components, which must be taken in sequence but may be taken in subsequent semesters.

LEI2266. Outdoor Adventure Education (3). This course includes education in leading leadership and programming skills in outdoor adventure, including hiking, camping, backpacking, kayaking, canoeing, basic survival skills, orienting skills, group dynamics, safety, risk management, accessibility, and environmental ethics.

LEI3312. 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, corporations, and other organizations.
Graduate Courses

LEI 5171. Philosophical, Social, and Behavioral Foundations of Leisure (3).
LEI 5185. Current Issues in Leisure (1).
LEI 5316. Event Planning Management (3).
LEI 5317. Event Management Issues in Ethics and Risk Management (3).
LEI 5530. Problems of Staff Development (3).
LEI 5563. Event Marketing (3).
LEI 5815. Leisure Education (3).
LEI 5889. Research in Leisure Services (3).
LEI 5908r. Directed Individual Study (1–3).
LEI 5915r. Practicum in Leisure Services (9).
LEI 5942. Practicum in Events Management (3).
LEI 5944r. Fieldwork in Leisure Services (1–3).
LEI 5945r. Supervised Teaching (1–5). (S/U grade only.)
LEI 5971r. Thesis (1–6). (S/U grade only.)
LEI 8966r. Master’s Comprehensive Examination (0). (P/F grade only.)
LEI 8976r. Master’s Thesis Defense (0). (P/F grade only.)
The history, religious thought, and interpretation of religious phenomena—An introduction to the history, thought, and 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, History and Philosophy of Science, Humanities, Middle Eastern Studies, 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 semester hours in the religion curriculum. At least six semester hours of credit must be earned in courses at the 3000 level or higher. Courses in which the student receives a grade below “C-” will not be counted toward the minor.

Definition of Prefixes

- GRW—Classical Greek Literature (Writings)
- HBR—Modern Hebrew Language
- HPS—History and Philosophy of Science
- PHI—Philosophy
- REL—Religion
- SRK—Sanskrit Language

Undergraduate Courses

- REL 2315. Religions of South Asia (3). Prerequisite: REL 2240 or HPS 2202. An examination of the origins, the process, and the consequences of the destruction of the European Jews during World War II.
- REL 2324. The Hebrew Prophets (3). Prerequisite: REL 2121 or equivalent. This course analyzes the prophetic books of the Hebrew Bible/Old Testament: Isaiah, Jeremiah, Ezekiel, and the twelve minor prophets. The course examines the role of prophecy elsewhere in the Hebrew Bible (as in the Elijah stories) and situates the biblical prophets within the broader context of prophecy, as a religious and social phenomenon in the ancient Near East.
- REL 3101. Classic Hebrew Course (3). This course is an examination of the Hebrew language. The course will include topics such as: 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 3112. Religion and 20th Century Fantasy Literature (3). This course offers an overview of theological and anti-theological elements in twenty and twenty-first century fantasy literature. The authors of Lewis, Tolkien, Rowling, and Pullman will be examined in the context of the historical development of early Christianity.
- REL 3224. The Hebrew Prophets (3). Prerequisite: REL 2121 or equivalent. This course analyzes the prophetic books of the Hebrew Bible/Old Testament: Isaiah, Jeremiah, Ezekiel, and the twelve minor prophets. The course examines the role of prophecy elsewhere in the Hebrew Bible (as in the Elijah stories) and situates the biblical prophets within the broader context of prophecy, as a religious and social phenomenon in the ancient Near East.
- REL 3225r. New Testament Greek (3). Prerequisite: GRE 2220 or completion of twelve-hour foreign language sequence in Greek. This course offers an introduction to reading the New Testament in Greek; it involves a comparison of New Testament Greek to Attic Greek grammar, as well as an introduction to New Testament scholarship. May be repeated to a maximum of six semester hours, provided texts change.
- REL 3226. Introduction to Religion (3). An introduction to the basic grammar, syntax, and phonology of modern and classical Hebrew. Meets the foreign language requirement for the BA degree. No language laboratory required.
- REL 3228r. Topics in Religion in the Americas (3). Prerequisite: REL 2121 or instructor permission. May be repeated to a maximum of six semester hours.
- REL 3340. The Buddhist Tradition (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 3345. Gender and Religion (3). A course offering an introduction to theoretical and practical issues in bioethics from the perspective of a variety of religious and secular positions.
- REL 3346. Topics in Ethics (3). Consideration of themes and problems in modern ethics. May be repeated to a maximum of nine semester hours. May be repeated within the same semester.
- REL 3347. The Holocaust (3). An examination of the origins, the process, and the consequences of the destruction of the European Jews during World War II.
- REL 3348. The Dead Sea Scrolls (3). Prerequisite: REL 2210 or equivalent. This course examines key manuscripts of the Qumran corpus and focuses on the history and significance of the scrolls; the archaeology of the Qumran site; and the significance of the scrolls for understanding Second Temple Judaism.
- REL 3349. The Hebrew Prophets (3). Prerequisite: REL 2121 or equivalent. This course analyzes the prophetic books of the Hebrew Bible/Old Testament: Isaiah, Jeremiah, Ezekiel, and the twelve minor prophets. The course examines the role of prophecy elsewhere in the Hebrew Bible (as in the Elijah stories) and situates the biblical prophets within the broader context of prophecy, as a religious and social phenomenon in the ancient Near East.
- REL 3350. The Buddhist Tradition (3). A survey of the Buddhist tradition from its beginnings through the modern period. Some attention to its contemporary forms.
- REL 3355. Chan/Zen Buddhism (3). This course focuses on Chan, a school of Chinese Buddhism popularly known in Japanese as “Zen”. The course surveys Zen both historically and thematically, from its beginnings through the modern period. Topics include Chan’s origins, history, doctrine, ethical beliefs, meditation, ritual, and monastic institutions.
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 religious literature, art, and politics.

REL 3363. Islamic Traditions (3). This course provides a historical and topical survey of Islam as a religion and civilization, focusing on the formative and classical periods of its history. The course is primarily concerned with the life and career of Muhammad, the Prophet of Islam; the theological sources of Islam (i.e., the Qur’an and the Sunnah); and the development of the Muslim community and its principal institutions (schools of thought, law, theology, cultural life, and mystical traditions).

REL 3367. Islamic Traditions II: Islam in the Modern World (3). This course examines Islam and its adherents from 1300 CE to the present, concentrating on the last two centuries of Islamic history. The period of reform, renewal, and revolution in the wake of Western political and cultural domination. This course investigates a basic question: What happened to different Muslim communities and intellectuals (specifically those in the Arab world, Iran, Turkey, and Africa) as they responded to the challenges posed by “Westernization” and “modernization”? Moreover, it explores the relatively new phenomenon of Islam in America.

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.

REL 3607. The Jewish Tradition (3). A survey of the varieties of institutional structures, beliefs, and religious practices of post-biblical Judaism in their historical contexts.

REL 3936r. Special Topics in Religion (1–3). May be repeated to a maximum of nine semester hours.

REL 4044. What Is Religion? What Is Religious Studies? (3). Prerequisite: Limited to majors. This course is a survey of how theorists in the modern era have answered questions about the origin, essence, and function of religion, as well as an examination of the methods by which religion is studied in a scholarly environment.

REL 4190r. Undergraduate Religion and Culture Seminar (3). Problems and issues in religion as culture. Topics vary and are intended for advanced undergraduate students. Permission of the instructor required. May be repeated to a maximum of nine semester hours. May be repeated within the same term.

REL 4203r. Readings in Classical Hebrew Texts (1–3). Prerequisite: HEB 2230 or instructor permission. Intensive work on specific religious texts in classical Hebrew (ancient or medieval). Choice of texts will vary. May be repeated to a maximum of twelve semester hours.

REL 4214. The Book of Genesis: Literary and Historical Approaches (3). Prerequisite: REL 2210 or equivalent. This course offers a close and critical reading of the Book of Genesis in terms of its composition, history of its interpretations, its Near Eastern context, its narrative artistry, as well as its relevance for ethics and theology.

REL 4290r. Undergraduate Biblical Studies Seminar (3). Advanced work in biblical studies for undergraduates. Topics vary. Permission of the instructor required. May be repeated to a maximum of nine semester hours. May be repeated within the same semester.

REL 4304r. Undergraduate History of Religions Seminar (3). Problems and issues in the history of religions. Topics vary. Intended for advanced undergraduate students. Permission of the instructor is required. May be repeated to a maximum of nine semester hours.

REL 4321. Religions of the Graeco-Roman World (3). The religions of the Graeco-Roman world with special emphasis on traditional religious forms, mystery religions, and developments in philosophy. Some attention will be given to Judaism, Christianity, and Gnosticism in their broader social, cultural, and historical contexts.

REL 4324r. Tutorial in Greek Religious Texts (1–3). Selected readings in Greek of Jewish, Christian, and other religious texts from the ancient world. A basic knowledge of Greek grammar is presumed. May be repeated to a maximum of twelve semester hours.

REL 4333. Modern Hinduism (3). Selected topics on the Hindu tradition in 19th and 20th century India. Includes modern Hindu thinkers, reform movements, popular religion, Hindu nationalism, and pluralism. Attention also to Hindu-inspired religious movements outside India and to other topics of student interest.

REL 4357r. Classical Tibetan (1–3). A systematic and comprehensive study of basic literary Tibetan grammar, common locations, and translation devices. Emphasis is on exposure to a variety of styles and genres in Tibetan religious literature including Buddhist texts on philosophy, ritual, and history. May be repeated to a maximum of twelve semester hours.

REL 4359r. Special Topics in Asian Religions (3). This course focuses on selected topics and themes in the academic study of Asian religions with special emphasis on issues of methodology. Topics may include recent advances in Asian studies, religion in the wake of history, sociology, and anthropology intended to help students develop critical skills. May be repeated to a maximum of twelve semester hours as topics vary.

REL 4366. Seminar on Shi’ite Islam (3). This seminar focuses on the manifold expressions of Shi’ism from its origins to the present day. It examines the political divisions within the Shi’i sects and the major juridical and theological developments within Ihna-‘Ashari (“12er”) Shi’ism, such as the doctrine of the Imamate and the occultation and return of the twelfth Imam. The seminar also studies the establishment and elaboration of Fatimid Isma’ilism. The latter part of the seminar is devoted to contemporary issues among the Shi’ites, including contemporary treatments of the martyrdom of Hussayn and the role of Hizbullah in the politics of the Middle East.

REL 4369. Islam in North America (3). This course surveys in seminar format the manifestations of Islam in the United States, as well as American perceptions of Islam and Muslims. The course begins with the early 18th century and examines early American attitudes toward Muslims, and then moves to the experience of Islam among African-Americans. The latter third of the course is devoted to the assimilation of Muslim immigrants in the US, and how the issues of race, gender, “trans-nationalism” and stereotypes impact the American Muslim community.

REL 4491r. Undergraduate Religious Thought Seminar (3). Topics vary. Intended for advanced undergraduate students. Permission of the instructor required. May be repeated to a maximum of nine semester hours.

REL 4510. Christianity after the New Testament (3). Prerequisite: REL 2240 or instructor permission. The course covers major developments in the history and theology of Christianity in the first three centuries of the Common Era.

REL 4511. Christianity in Late Antiquity (3). Christian thought, institutions, lifestyles, and literature in their social, cultural, and historical contexts from the time of Jesus to the early Middle Ages.

REL 4564. Modern Roman Catholicism (3). The Catholic Church from the Council of Trent to the present day; special consideration given to Vatican II, current problems, and leading thinkers.


REL 4613. Modern Judaism (3). The development of Judaism as a religious and cultural phenomenon in Europe, North America, and the Middle East from the European Enlightenment to the birth of the State of Israel.

REL 4905r. Directed Individual Study (1–3). Supervised reading and research on selected topics. May be repeated to a maximum of nine semester hours.

REL 4908r. Tutorial in Pali (1–3). A study of the grammar, vocabulary, and style of the Pali canon to better understand both Buddhist philosophical concepts and the culture of ancient Buddhist India. May be repeated to a maximum of twelve semester hours.

REL 4912r. Tutorial in Sanskrit Texts (1–3). Prerequisite: SRK 4103 or equivalent. Topics vary. Intended for advanced undergraduate students. May be repeated to a maximum of twelve semester hours.

REL 4914r. Tutorial in Latin Religious Texts (1–3). Readings in Latin of selected religious texts. Topics will vary. A basic knowledge of Latin grammar is assumed. May be repeated to a maximum of twelve semester hours.

REL 492r. Honors Work (3). Students completing this program are awarded their diploma “With Honors in Religion.” Interested students should consult with the adviser of the program.

SRK 4102. Elementary Sanskrit I (3). Introduction to the morphology and syntax of Sanskrit and introduction to Sanskrit texts.

SRK 4103. Elementary Sanskrit II (3). Introduction to the morphology and syntax of Sanskrit and introduction to Sanskrit texts.

Graduate Courses

HPS 5340. Freud and the Invention of the Modern Mind (3).
REL 5195r. Seminar: Religion and Culture (3).
REL 5204r. Readings in Classical Hebrew Texts (1–3).
REL 5205r. Tutorial in Near Eastern Languages and Literature (1–3).
REL 5257r. Seminar: Biblical Studies (3).
REL 5305r. Seminar: History of Religions (3).
REL 5328r. Tutorial in Greek Religious Texts (1–3).
REL 5332. Modern Hinduism (3).
REL 5346r. Seminar: Chinese Buddhism (3–12).
REL 5354r. Special Topics in Asian Religions (3).
REL 5386. Seminar on Shi’ite Islam (3).
REL 5388. Islam in North America (3).
REL 5486. Religious Thought in America (3).
REL 5497r. Seminar: Religious Thought (3).
REL 5515. Christianity in Late Antiquity (3).
REL 5516. Christianity after the New Testament (3).
REL 5565. Modern Roman Catholicism (3).
REL 5612. Judaism in the Graeco-Roman World (3).
REL 5616. Modern Judaism (3).
RESEARCH AND EVALUATION:  
see Educational Psychology and Learning Systems

RESEARCH DESIGN AND STATISTICS:  
see Educational Psychology and Learning Systems

RHETORIC:  
see English

Department of  
RETAIL MERCHANDISING AND PRODUCT DEVELOPMENT

COLLEGE OF HUMAN SCIENCES

Web Page:  http://www.chs.fsu.edu/rmpd

Interim Chair: Mary Ann Moore  
Professors: Fiorito, Goldsmith, Moore;  
Associate Professors: Grise, Heitmeyer, Kim;  
Assistant in Merchandising and Internship Development: Miller;  
Director, Center for Retail Merchandising and Product Development: Langston;  
Professors Emeriti: Davis, Edgeworth, Kuehne, Warden

The Department of Retail Merchandising and Product Development (RMPD) offers the Retail Merchandising and Product Development major. This exciting major is responsive to the changes taking place in retail and retail-related industries. As a major, one participates in an industry-savvy curriculum resulting in graduates who can contribute to the retail and apparel-related companies who hire them.

From the beginning of the product development process all the way through to the consumer, RMPD graduates find exciting career opportunities from New York to L.A., and around the world. The Retail Merchandising and Product Development (RMPD) major prepares men and women for executive training programs and other professional positions leading to a variety of opportunities within retail, textiles, apparel, merchandising, and related industries. The curriculum produces highly marketable graduates who are able to add value to successful management of organizations, whether through corporate operations, the product development function, or field operations. Representative careers include allocating, buying, sourcing, forecasting, store management, product development, sales management, visual merchandising, public relations, publications, and styling. Representative employers include: department and discount store retailers; mass merchandisers; food retailers; specialty stores; electronic shopping networks; fashion publications; fiber, fabric, and apparel manufacturers; retail merchandise manufacturers; entertainment retailers; U.S. and state governments; trade organizations; shopping centers and malls.

The department provides outstanding facilities and leading-edge technology for its majors to immerse them in relevant industry technology. The Product Development Lab’s multi-media computers are equipped with the latest in computer product development and merchandising software, Adobe Photoshop and Illustrator, Kaleo, Mockshop, word processing, spreadsheet, and presentation packages. The lab helps deliver curriculum that prepares students for the work interfaces they will encounter in industry. Macy’s Merchandising Laboratory, one of the few university merchandising labs in the United States, provides operational experience with merchandise presentation techniques and inventory management in a retail store facsimile, preparing students for operational challenges in-store. The Office Depot Technology Complex provides a hands-on laboratory with retail industry adopted software where students use real-world retail reporting and other technology-related skills. The Textile Evaluation and Research Laboratory Complex provides students with a critical understanding of textile science and its impact on a variety of consumer products with the latest color communication technology and modern chemical and physical testing facilities. The Historic Clothing and Textiles Collection 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. Textile pieces include the unique Carter Collection of pre-Columbian Peruvian textiles from the late 1400’s. A highly accessible teaching and research faculty provides students with a challenging academic environment. The department is also the home of the Center for Retail Merchandising and Product Development. The activities of The Retail Center provide an exchange among the retail and retail-related industries and RMPD to maintain relevance and rigor in the curriculum. Additionally, The Retail Center provides many networking and project opportunities for RMPD students.

Due to the faculty’s strong commitment to the personal and professional development of students, students receive outstanding career mentoring and advising. 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 retail, apparel, and textile industries are a regular part of the learning environment. Internships are required in the Retail Merchandising and Product Development major. The highly popular RMPD summer study abroad program provides unique opportunities for students in all majors to study global aspects of the field via coursework and international travel experiences. International internships are also encouraged through the International Programs at Florida State. Department-sponsored student organizations sup-
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 retail merchandising and product development satisfy this requirement by earning a grade of "C" or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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 must be admitted into the University without completing the prerequisites, but may not be admitted into the program.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Requirements_Manual for a current list of state-approved prerequisites.

Honors in the Major

The Department of Retail Merchandising and Product Development 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 a faculty adviser early in their junior year.

Entrance and Retention Requirements for Majors

Students are eligible to enter the Department of Retail Merchandising and Product Development 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 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 RMPD must achieve and maintain a GPA of 2.50 or higher in CGS 2060, CGS 2064, or CGS 2100 to enter the merchandising intern block. Students must be in good standing to take senior-level classes and to graduate. A grade of “C” or better must be achieved. Failure to accept an assignment relieves the Department of Retail Merchandising and Product Development of the responsibility to assist the student in finding another assignment. An intern 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 firms, and the retail organization. The intern is responsible for all assignments given by the department and the retail organization. The intern is responsible for all assignments given by the department and the retail organization.

Internship

RMPD offers an outstanding internship program that has been in place for over four decades and works with over 200 companies globally. Interns work in cities such as Los Angeles, Atlanta, Dallas, New York City, Orlando, Miami, and London. To prepare for the internship, Retail Merchandising and Product Development students are required to complete a coordinated block of internship courses (CTE 4811, 4826, and 4866) followed by the internship which may take place during the Summer, Fall, or Spring semesters. The internship provides students with a chance to apply managerial, operational, and analytical skills to workplace experiences.

The internship block courses (CTE 4811, 4826, and 4866) 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 Retail Merchandising and Product Development assists students in identifying potential internship positions and, through a process explained during merchandising coursework, for approving the placement of students. The intern may or may not receive compensation, depending on the policy of the host company. During the internship, the student is responsible for all assignments given by the department and the retail organization. The student is responsible for obtaining their internship with the assistance of the Internship Coordinator. To ensure that best meets the professional needs of each student, the department partners with retail organizations over a wide geographic area. Applicants for the internship may not be assigned to their home cities or to the immediate or general vicinity of the campus. Candidates are advised that the Department of Retail Merchandising and Product Development exercises the final authority for approving the intern. Each intern is cooperatively evaluated by both the company and the RMPD Internship Coordinator.

An unsatisfactory rating by either the company or the RMPD Internship Coordinator will result in a failing grade in CTE 4882.

The student is responsible for obtaining their internship with the assistance of the Internship Coordinator. To ensure that best meets the professional needs of each student, the department partners with retail organizations over a wide geographic area. Applicants for the internship may not be assigned to their home cities or to the immediate or general vicinity of the campus. Candidates are advised that the Department of Retail Merchandising and Product Development exercises the final authority for approving the internship. Each intern is cooperatively evaluated by both the company and the RMPD Internship Coordinator.

An unsatisfactory rating by either the company or the RMPD Internship Coordinator will result in a failing grade in CTE 4882.

An overall GPA of 2.50 or higher is required to remain in good standing, to take senior-level courses, and to graduate.

College of Human Sciences Core

All students in the department are required to complete the College of Human Sciences core requirements consisting of six semester hours in the college not required for their major. A grade of “C” or better must be earned in each of these courses.

Retail Merchandising and Product Development

The Department of Retail Merchandising and Product Development (RMPD) is one of the largest programs in the United States. The curriculum produces highly marketable graduates who are able to add value to successful management of organizations, whether through corporate operations, the product development function, or field operations. Students who complete a minor in communication also may focus their career development on fashion publishing. Internships within the retail industry and its associated industries 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.

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. 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 and on the department Web site, at http://www.chs.fsu.edu/rmpd/. Students are expected to meet the curriculum requirements in place at the time they enter the major. An FSU GPA of 2.50 or higher is required to remain in good standing, to take senior-level courses, and to graduate.

1. Students must have a minimum of ninety credit hours overall and twenty-five credit hours in the department and must have completed the following classes with a “C” or better: CTE 1401C, 2800, 3201, 3763, 3806, 3809, 3835, 4443, 4822, 4829; MAC 1105 or MGF 1106 or 1107; ACG 2021; MAR 3023; CGS 2060 or 2100; ECO 2013 and 2023; and SYG 1000 or SYG 2010 or PSY 2012.

2. An overall GPA of 2.50
Prerequisites: Junior standing; economics
Prerequisite: CTE 3806. This course studies current practices and technology in textiles and apparel product development in an international setting. Course requires students to travel to and live at international sites at their own expense. May be repeated to a maximum of nine semester hours as topics vary.

CTE 4518. Historic Clothing and Textiles in European Museums (3). This course studies preservation, curatorial choices, display techniques, and the educational significance of historic clothing and textiles in European museums. Discussion of the importance of historic clothing and textiles in European museums as a reflection of the art, customs, religion, technological development, and economy of the periods presented.

CTE 4537r. Historic Textiles and Clothing Collection Management (1–3). Prerequisite: Instructor permission. Practicum at Florida State University Historic Clothing and Textiles Collection. Students learn proper textile preservation, conservation, storage, and display techniques for flat textiles and garments. Other experiences include museum education, informatics, and database management. May be repeated to a maximum of six semester hours.

CTE 4707. International Topics in Design Industry (3). Prerequisite: CTE 1401C, 3201, and 3806. This course offers an in-depth study of designers and of the design industry in international sites. Students gain a perspective on the influence of fashion on economic, social, artistic, and global culture.

CTE 4803r. International Topics in Merchandising (3). Prerequisite: CTE 3806. This course is the study of current practices and technology in merchandising in an international setting. The course requires students to travel to and live at international sites at their own expense. May be repeated to a maximum of nine semester hours.

CTE 4811. Retail Merchandising Planning Strategies (3). Prerequisites: Senior standing as well as a grade of “C” or better in CTE 3806, 3835, 4822, and MAR 3023. This course provides an overview of strategic planning as a framework for retail-firm analysis. Through the completion of retail-store business plans, students hone their leadership, negotiation, and interpersonal skills.

CTE 4822. Quantitative Merchandising Management (3). Prerequisites: A 2.50 GPA as well as grade of “C” or better in CTE 3835, 4822, and MAR 3023. This course examines principles of effective merchandise management through mathematical procedures. Examines problems and formulates solutions in merchandise buying: planned stocks, open-to-buy, markups, markdowns, and other buying formulas. Must be taken in Summer or semester immediately prior to intern block.

CTE 4826. Merchandising Buying (3). Prerequisites: A 2.50 GPA as well as grade of “C” or better in CTE 3835, 4822, and MAR 3023. This course examines techniques and theories of retail buying, concentrating on buying functions, and the strategic role of the manager in retail management. This course is part of the intern block for merchandising majors only.

CTE 4829. Global Sourcing (3). Prerequisites: CTE 3806, ECO 2013, and ECO 2023. This course covers global trade, trade practice and theories, as well as the global sourcing related to the textile, apparel, and retail industries.

CTE 4832. Merchandising of Small Business Enterprises (3). This course offers a discussion of issues resulting from the interaction between merchandising and small business. Family businesses and other types of ownership are discussed. Guest speakers include family business owners, bankers, accountants, lawyers, and government officials who deal with small and family businesses.

CTE 4843. Retail Branding (3). Prerequisite: CTE 3806. This course explores retail and fashion brand development, promotion, experience, and performance. Students develop their own brand.

CTE 4866. Executive Perspectives on Retail Management (3). Prerequisites: CTE 3835, 4822, and MAR 3023. Corequisites: CTE 4811, 4826, and 4882. This course prepares students to assume a professional role in retail merchandising, product development, or the industry support services through development of career strategies that emphasize solid management and leadership concepts and principles. The course provides exposure to retail and manufacturing industry leaders, and assistance in preparing for the role of an intern.

CTE 4882. Professional Internship (6). Prerequisites: Major status, pass in ACG 2021, CGS 2060 or 2100, CTE 3806, ECO 2013, ECO 2023, and MAC 1105 or STA 2023. This course offers an in-depth study of designers and of the design industry in international sites. Students gain a perspective on the influence of fashion on economic, social, artistic, and global culture.

CTE 4890. Executive Merchandising Management (3). Prerequisites: A 2.50 GPA as well as grade of “C” or better in CTE 3806, 3835, 4822, and MAR 3023. This course examines the roles and responsibilities of executive merchandising managers in retail cultural, competitive challenges in the global, quality, social, and technological environment of various retail settings. This course is part of the intern block for merchandising majors only.

CTE 4982. Intern/Career Preparation (1). Prerequisites: A 2.50 GPA as well as grade of “C” or better in CTE 3806, 3835, 4822, and MAR 3023. Corequisites: CTE 4811, 4826, and 4882. This course is preparatory in the concomity of the internship and career preparation. Professional development and responsibilities of interns and executive trainees in retail operations. This course is part of the intern block for merchandising majors only.

CTE 4905r. Directed Individual Study (1–6). Prerequisite: A 2.50 GPA. May be repeated to a maximum of six semester hours.

CTE 4937r. Special Topics (1–3). This course is an analysis of current issues and practices in textiles and consumer sciences. May be repeated to a maximum of twelve semester hours as topics vary.
CTE 4970r. Honors Work (1–6). This course provides qualified, upper-division majors in textiles and consumer sciences an opportunity to undertake an independent and original research project in their particular area of interest. May be repeated to a maximum of nine semester hours. A minimum of two semesters is required to complete an honors project.

HME 4221. Family Resource Management (3). Analysis of family decision making, goals, values, and resources.

Graduate Courses

CTE 5426r. Recent Developments in Textiles (3).
CTE 5807. Retail Merchandising Concepts (2–4).
CTE 5815. Retail Technologies (3).
CTE 5816. Merchandising Organization (3).
CTE 5828. Merchandising Buying (3).
CTE 5833. Merchandising of Small Business Enterprises (3).
CTE 5834. Merchandising Theory and Research (3).
CTE 5844. Advanced Fashion Merchandising Practicum (6). (S/U grade only.)
CTE 5906r. Directed Individual Study (1–3).
CTE 5911. Research Analysis in Clothing and Textiles (3).
CTE 5912r. Supervised Research (1–3). (S/U grade only.)
CTE 5930r. Clothing and Textiles Seminar (1).
CTE 5942r. Supervised Teaching (1–3). (S/U grade only.)
CTE 5945r. Museum Studies Internship (1–6).
CTE 6900r. Readings in Clothing and Textiles (1–3). (S/U grade only.)
CTE 6932r. Clothing and Textiles Seminar (1).
CTE 6936r. Special Topics in Clothing/Textiles/ Merchandising (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

State of Florida Common Program Prerequisites

The state of Florida has identified common program prerequisites for this department’s Undergraduate 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into these upper-division degree programs:

Risk Management/Insurance
1. ACG X021 or ACG X022, or ACG X001 and ACG X011
2. ACG X071 or ACG X301
3. CGS X100 (or demonstrated competency) or CGS X100C or CGS X530 or CGS X570 or CGS X060 or CGS X531 or CGS X000 or ISM X000 or CGS X518
4. ECO X013
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 or STA X122 or QMB X100

Real Estate
1. ACG X021 or ACG X022, or ACG X001 and ACG X011
2. ACG X071 or ACG X301

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 risk management/insurance and real estate satisfy this requirement by earning a grade of “C-” or higher in CGS 2100 (state mandated business prerequisite requirement) or CGS 2518.
Risk Management/Insurance Program

The curriculum in risk management/insurance provides students with the knowledge necessary to analyze the impact of risk and uncertainty upon business and society. Students who major in risk management/insurance prepare for a career in insurance, consulting, financial services, or corporate risk management. Classes cover a variety of topics, including analysis of the risk management process with a focus on enterprise risk management. 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 program prerequisites for risk management/insurance majors.
3. At least sixty semester hours of courses in non-business disciplines.
4. The general business core requirements for risk management/insurance majors.
5. The general business breadth requirements for risk management/insurance majors.
6. 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 for the AACSB accredited business programs in 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 courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal and Ethical Environment of Business (3)
- FIN 3403 Financial Management of the Firm (3)
- GEB 3213 Business Communications (3)
- MAN 3240 Organizational Behavior (3)
- MAR 3023 Basic Marketing Concepts (3)

General Business Breadth Requirements

All risk management/insurance majors must complete three courses as follows. Each course selected must be completed with a grade of “C–” or better.

- SEE 3043 Real Estate (3)
- RMI 3011 Risk Management/Insurance (3)

Plus one elective 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 3600 Multinational Business Operations (3)
- MAN 4720 Strategic Management and Business Policy (3)
- MAR 3400 Professional Selling (3)
- QMB 3200 Quantitative Methods for Business Decisions (3)

Major Area Requirements

All risk management/insurance majors must complete six 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)

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). Students may coordinate their academic programs with licensing examinations of the State of Florida. Completion of the real estate major partially fulfills the requirements to be licensed as a real estate sales associate, or certified as a general appraiser, in the State of 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 program prerequisites for real estate majors.
3. At least sixty semester hours of courses in non-business disciplines.
4. The general business core requirements for real estate majors.
5. The general business breadth requirements for real estate majors.
6. The major area requirements for real estate majors.

Note: To be eligible to pursue a real estate major, students must meet the admission requirements for the AACSB accredited business programs in 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 courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal and Ethical Environment of Business (3)
- FIN 3403 Financial Management of the Firm (3)
- GEB 3213 Business Communications (3)
- MAN 3240 Organizational Behavior (3)
- MAR 3023 Basic Marketing Concepts (3)

General Business Breadth Requirements

All real estate majors must complete three courses as follows. Each course selected must be completed with a grade of “C–” or better.

- RMI 3011 Risk Management/Insurance (3)

Plus one elective 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 3600 Multinational Business Operations (3)
- MAN 4720 Strategic Management and Business Policy (3)
- MAR 3400 Professional Selling (3)
- QMB 3200 Quantitative Methods for Business Decisions (3)

Major Area Requirements

All real estate majors must complete the five courses listed below. 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 Valuation (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 and Ethical Environment of Business (3). An introduction to the legal setting in which business operates. Emphasis on business ethics. Legal topics include the nature of the law and the legal process, administrative law, business and the Constitution, statutory and common law, regulatory law, and agency/unemployment law.

BUL 3330. Law for Accountancy (3). This course surveys basic concepts of law as applied to the accounting profession, including contracts, agencies, partnerships and corporations, property, wills and trusts, securities regulation, consumer protection, and antitrust. Students may not receive credit for both BUL 3310 and BUL 3330.


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.


REE 4103. Real Estate Valuation (3). Prerequisite: REE 3043. This course acquaints students with the valuation process and the basics of valuation terminology. It also demonstrates the application of a variety of valuation techniques to both residential and income properties.

REE 4143. Real Estate Market Analysis (3). Prerequisites: REE 3043 and REE 4103. (Note: REE 4103 and REE 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.


REE 4313. Real Estate Investment (3). Prerequisites: REE 3043 and REE 4103 or REE 4204 or departmental permission. This course introduces students to the analytical tools and procedures used to evaluate real estate investments. The course focuses on the topic of real estate investment analysis, primarily from the private investors’ perspective.

REE 4433. Legal Environment of Real Estate (3). Prerequisites: BUL 3310 and 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.

REE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine semester hours.

REE 4914. Real Estate Internship (3). (S/U grade only.) Prerequisite: Instructor permission. This internship is designed for College of Business students who desire to gain real-world experience in the real estate field through on-the-job practice. Students work under the direction of an approved industry professional, a faculty adviser, and the internship director.

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

RMI 4115. Life and Health Insurance Products (3). Prerequisite: RMI 3011. 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 3011. Study of basic concepts and managerial concerns underlying the group insurance mechanism and the characteristics of various qualified retirement planning vehicles.

RMI 4224. Property and Casualty Insurance Products (3). Prerequisite: RMI 3011. 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). Prerequisite: RMI 3011. 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). Prerequisite: RMI 4224. A study of business insurance problem evaluation and planning with proposed solutions utilizing comprehensive coverage package programs.
Interdisciplinary Program in RUSSIAN AND EAST EUROPEAN STUDIES

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Web Page: http://www.coss.fsu.edu/russia/
Director: Lee Metcalf (Social Sciences)

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 area or related fields; and (3) students who seek employment in or related to Russia or Eastern Europe. This program also combines area or country specific courses, which give students the needed cultural immersion with more general comparative courses, and which also provides 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 three components: (1) a language requirement; (2) area-specific course work and (3) a concepts and theories tool requirement. The total hour requirements for a major are a minimum of twelve semester hours in an approved area language plus an additional thirty-six semester hours beyond the liberal studies requirements (with a grade of “C-” or better in each course). As an interdisciplinary program, no minor is required.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://www.academic-guide.fsu.edu/ for more information.

Language Requirement

All students are required to take twelve 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 summer or semester 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 semester hour minimum will be counted toward the required thirty-six semester hours for the major.

Area Specific Course Requirement

Students are to select at least twenty-four semester hours of coursework from the approved area specific course list. Other special topic area-specific courses may be approved from time to time. Students are encouraged to view the term specific course lists posted at their International Studies Blackboard Organization site.

Concepts and Theories Tool Requirement

Students are to take at least six semester hours of course work from among those courses listed for Concepts and Theories. Students should select these courses with some care and in consultation with their academic adviser in order to meet the required prerequisites for some of the approved courses.

Study Abroad

Students majoring in Russian and East European Studies are strongly encouraged to study abroad. The summer programs in Croatia and Russia offer relevant course work. See http://international.fsu.edu/ for more information on the various options available through Florida State International Programs Students should consult with the Russian and East European Studies 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 Russian East European Studies program encourages students to take advantage of internships with an area focus. Information on possible placements can be found on the International Studies Blackboard Organization site. All application materials, which are also available on the International Studies Blackboard Organization site, must be submitted and all internships must be approved the semester before the internship takes place. See the Russian and East European Studies program adviser in 211 Bellamy for further information.

Honors in the Major

The Program in Russian and East European 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.

Second Majors

Majors in Russian and East European Studies may pursue a second major. When students pursue a second major in the College of Social Sciences and Public Policy they may count nine semester hours of course work toward both of their majors. For a second major in the College of Arts and Sciences, only six semester hours may count toward both of the majors.

Minor

Students pursuing a minor in the program must complete eighteen semester hours of Russian and East European course work beyond the liberal studies requirement. In this case none of the broader concepts and theories courses will count toward the eighteen semester hour minimum. Students may select freely from all area specific courses.

Approved Courses

Note: Descriptions of specific courses can be found under the individual departments in which they are taught. In addition to the courses listed below, special topics courses may be approved by the program director in any particular term. These courses appear on the term course lists and are available at the International Studies Blackboard Organization site as well as the program office in 211 Bellamy.

Area Specific (twenty-four credit hours)

CPO 3101 European Union (1)
CPO 3733 Emerging Democracies of Central Europe (3)
CPS 4321 Contemporary Policy Studies: Contemporary Southeast Europe (3)
EGS 4333 Transition of Soviet and Eastern European Economies (3)
EUH 3551 Modern Poland (3)
EUH 3571 Russia to Nicholas I (3)
EUH 3572 History of Russia: 1825 to the Present (3)
EUH 4233 Rise of Nationalism (3)
EUH 4241 The Holocaust (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)
GEA 4500 Europe (3)
GEA 4554 Russia and Southern Eurasia (3)
INR 4083 International Conflict (3)
PHP 3510 Introduction to Marxist Philosophy (3)
RUS 4930r Special Topics (3)
RUT 3110 Russian Literature in English Translation (3)
RUT 3504 Modern Russian Life (3)
RUT 3523 Russian Cinema
RUW 3100 Survey of Russian Literature I (3)
RUW 3101 Survey of Russian Literature II (3)
RUW 4470r Modern Russian Literature (3)
SLL 3500 Slavic Culture and Civilization (3)
SLL 3510 The Slavic Vampire (3)
Comparative Concepts and Theories (six credit hours)

Recommended Social Science prerequisite courses

- CPO 2002 Introduction to Comparative Government and Politics (3)
- ECO 2013 Principles of Macroeconomics (3)
- ECO 2023 Principles of Microeconomics (3)
- INR 2002 Introduction to International Relations (3)

Other 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)
- CPO 3034 Politics of Developing Areas (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 3502 Economic Geography (3)
- GEO 4421 Cultural Geography (3)
- GEO 4471 Political Geography (3)
- INR 3004 Geography, History, and International Relations (3)
- INR 3084 Terror and Politics (3)
- INR 3502 International Organizations (3)
- INR 3603 Theories of International Relations (3)
- INR 4011 Politics of Globalization (3)
- INR 4075 International Human Rights (3)
- INR 4078 Confronting Human Rights Violations (3)
- INR 4083 International Conflict (3)
- INR 4702 Political Economy of International Relations (3)
- PAD 3003 Public Administration in American Society (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)
- POT 3003 Introduction to Political Thought (3)
- PSY 2012 General Psychology (3)
- PUP 3002 Introduction to Public Policy (3)
- REL 3142 Religion: The Self and Society (3)
- REL 3170 Religious Ethics and Moral Problems (3)
- REL 3505 The Christian Tradition (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)
- SYP 3000 Social Psychology of Groups (3)
- SYP 3350 Collective Action and Social Movements (3)
- SYP 3454 The Global Justice Movements (3)
- SYP 3540 Sociology of Law (3)

Note: See course descriptions for required prerequisites.

Additional Russian and East European Studies Courses (six credit hours)

Select from any approved Russian and East European Studies course and/or an approved internship.

INR 4941 Internship (3-6)

Definition of Prefix

EUS—European Studies

Undergraduate Courses

EUS 4905r Directed Individual Study (1–3). May be repeated to a maximum of nine semester hours.

EUS 4970r Honors Thesis (1–6). Six hours of credit must be taken in two successive semesters and must result in the production of a thesis. May be repeated to a maximum of nine 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
Department of SCIENTIFIC COMPUTING

COLLEGE OF ARTS AND SCIENCES

Web Page: http://sc.fsu.edu/

Chair: Max D. Gunzburger; Associate Chair for Graduate Studies: Meyer-Baese; Associate Chair for Undergraduate Studies: TBD; Associate Chair for Computing: Wilgenbush; Professors: El-Azab, Erlebacher, Gunzburger, Meyer-Baese, Navon, Peterson; Associate Professors: Beeri, Plewa, Slice, Ye; Assistant Professors: Lemmon, Shanbhag, Wang; Research Associate: Wilgenbush; Courtesy Faculty: Barb, Burkardt, Cao, Dai, Lehoucq, Mascagni, Oates, Parks, Ringler, Thuo, Trenchea, Van Engelen, Wang, Webster, Zhou

Program Overview

Over the last few decades, computations have joined theory and experimentation to form the three pillars of scientific discovery and technological design. Many of the important problems facing society can only be solved by teams of individuals from a variety of disciplines. Integral to these teams are computational scientists, who provide the simulation, optimization, and visualization algorithms used to solve problems on computers. The main activity of scientific computing is the development of computational tools that have applicability over a range of scientific disciplines.

The Department of Scientific Computing consists of faculty interested in the invention, analysis, implementation, and application of computational algorithms that can be applied to problems arising in several traditional disciplines such as biology and ecology, chemical engineering, chemistry, computer science, geology and geophysics, material science, mathematics, mechanical engineering, and physics and astrophysics. Faculty and graduate students are supported in their research by several federal, state, laboratory, and commercial organizations. Further breadth and depth is added to the research and educational missions of the department through faculty from other departments at Florida State University and individuals from several national laboratories who hold courtesy appointments in the department. The faculty members ensure that the department is ideally positioned to offer innovative degree programs that impart a synergy between the mathematical and applications aspects of scientific computing, thus providing the student with extensive interdisciplinary training.

Students are trained in a truly interdisciplinary environment. The undergraduate program offered by the Department of Scientific Computing is designed to provide broad training in the core methods of computational science across disciplines, followed by in-depth specialization in areas of particular interest to students. Even within specializations, the focus remains on interdisciplinary approaches to solving science and engineering problems. All students are also exposed to research-type experiences as part of the undergraduate degree program.

The Department of Scientific Computing offers the Bachelor of Science (BS) degree program in Computational Science. It also offers a minor in computational science. Please refer to the Department of Scientific Computing Web site at http://www.sc.fsu.edu for updates about the status of the minor and certificate programs.

Computational Resources

The Department of Scientific Computing oversees a large and diverse computing infrastructure in support of research and education. Computing resources include large supercomputers, a number of clusters and computational servers, a laboratory for scientific visualization, a bioinformatics server, and more. To best accommodate research, education, and application development, the department maintains a heterogeneous desktop and workstation environment, as well as a state of the art computer classroom. In addition, the department’s Visualization Laboratory provides high-powered visualization resources to the FSU community for research, analysis of large data collections, and education.

Departmental Programs

The Department of Scientific Computing offers the Bachelor of Science (BS) degree program in Computational Science and a minor in computational science.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. MAC X311 (4) Calculus I
2. MAC X312 (4) Calculus II
3. ISC 3313 (3): Introduction to Scientific Computing or COP XXXX (3) [an introductory programming course in C, C++, Java, or an equivalent high-level programming language; COP 3014 at FSU] or other approved high-level programming course
4. BSC XXXX/XXXXL or CHM XXXX/XXXXL or GLY XXXX/XXXXL or MET XXXX/XXXXL or PHY XXXX/XXXXL: one laboratory based science course for 4 credit hours designed of science majors

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 computational science satisfy this requirement by earning a grade of “C-” or higher in ISC 3313 or COP 3014.

Academic Performance

A grade of “C-” or better is required in all courses required for the BS Degree in Computational Science. A student who has received more than five unsatisfactory grades (U, F, D-, D+) in science, mathematics, statistics, computer science, or engineering courses (and their prerequisites) required for the BS Degree in Computational Science, taken at Florida State University or elsewhere, including repeated unsatisfactory grades in the same required course, will not be permitted to graduate with a degree in computational science.

Requirements for the Baccalaureate Degree in Computational Science

Please review all university and college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. Changes to the computational science degree requirements are under way. Students should refer to the Department of Scientific Computing Web site at http://www.sc.fsu.edu or obtain, from the department office, revisions to the degree guidelines effective since this printing.

Students should complete the state of Florida common program prerequisites during their first two college years. In order to obtain final graduation clearance from the Department of Scientific Computing, all computational science majors must complete an exit survey.

Requirements for the BS Degree in Computational Science are provided as follows:

1. ISC 3222 Symbolic and Numerical Computations (3)
2. ISC 4220C Algorithms for Science Applications I (4)
3. ISC 4221C Algorithms for Science Applications II (4)
4. ISC 4304C Programming for Science Applications (4)
5. ISC 4223C Computational Methods for Discrete Problems (4)
6. ISC 4232C Computational Methods for Continuous Problems (4)
7. ISC 4931r Junior Seminar in Scientific Computing (1-2)
8. ISC 4932r Senior Seminar in Scientific Computing (1-2)
9. ISC 4943r Practicum in Scientific Computing (3)
10. MAS 3105 Applied Linear Algebra I (4)
11. Approved statistics course designed for statistics majors (3)
12. Approved science with lab designed for science majors (BSC, CHM, GLY, MET, or PHY) (4)
13. Approved Department of Scientific Computing electives (6)
14. Approved electives from the Department of Scientific Computing or other departments (12)

Requirements for a Minor in Computational Science

A minor in computational science requires a minimum of fourteen hours of coursework, including ISC 3222 (3) and ISC 4304C (4). The student must
take at least one Computational Science Algorithms course [ISC 4220C or ISC 4221C (4)] as well as a Computational Science course from approved list (3 or 4). Students must also satisfy stated prerequisites before enrolling in each course accepted for minor credit. Grades below “C-” will not be accepted for minor credit.

Definition of Prefixes
CAP—Computer Application Development
DIG—Digital Media
ISC—Interdisciplinary Natural Science
MAD—Mathematics: Discrete
MAP—Mathematics: Applied

Undergraduate Courses

Note: Additional undergraduate courses are being developed. Please refer to the Department of Scientific Computing Web site at http://www.sc.fsu.edu for an up to date list of undergraduate courses offered.

DIG 3725 Introduction to Game and Simulator Design (3) Prerequisite: MAC 2311. This course introduces basic techniques used to design and implement computer games and/or simulation environments. Topics include a historic overview of computer games and simulator, game documents, description and use of a game engine, practical modeling of objects and terrain, as well as the use of audio. Physics and artificial intelligence in games and games briefly. Programming is based on a scripting language. The course is divided between lectures and practical assignments. Course topics are assimilated through the design of a 3D game to be designed and implemented in a team environment.

ISC 3313. Introduction to Scientific Computing (3). Prerequisite: MAC 2311. Corequisite: 2312. This course introduces the student to the science of computations. Topics cover algorithms for standard problems in computational science, as well as the basics of an object-oriented programming language, to facilitate the students’ implementation of algorithms.

ISC 3222. Symbolic and Numerical Computations (3). Prerequisites: MAC 2311 and MAC 2312. This course introduces state-of-the-art software environments for solving scientific and engineering problems. Topics include solving simple problems in algebra and calculus; 2-D and 3-D graphics; non-linear function fitting and root finding; basic procedural programming; methods for finding numerical solutions to DE’s with applications to chemistry, biology, physics, and engineering.

ISC 4220C. Algorithms for Science Applications I (4). Prerequisite: MAC 2312. Corequisite: ISC 3222. This course provides basic computational algorithms including interpolation, approximation, integration, differentiation, and linear systems solution presented in the context of science problems. The laboratory component includes algorithms implementation for simple problems in the sciences and applying visualization software for interpretation of results.

ISC 4221C. Algorithms for Science Applications II (4). Prerequisites: MAC 2312 and ISC 3222. Corequisite: ISC 4304C. This course offers stochastic algorithms, linear programming, optimization techniques, clustering and feature extraction presented in the context of science problems. The laboratory component includes algorithms implementation for simple problems in the sciences and applying visualization software for interpretation of results.

ISC 4223C. Computational Methods for Discrete Problems (4). Prerequisites: MAS 3105 and ISC 4304C. This course describes several discrete problems arising in science applications, a survey of methods and tools for solving the problems on computers, and detailed study of selected methods and their use in science and engineering. The laboratory component illustrates the concepts learned in the context of science problems.

ISC 4232C. Computational Methods for Continuous Problems (4). Prerequisites: MAS 3105 and ISC 4304C. This course provides numerical discretization of differential equations and implementation for case studies drawn from several science areas. Finite difference, finite element, and spectral methods are introduced and standard software packages are used. The laboratory component is used to illustrate the concepts learned on a variety of applications problems.

ISC 4244C. Computer Applications in Psychology with Laboratory (4). Prerequisites: PSY 2012 (BSC 2010L, CGS 2100, CGS 2960, or ISC 3313) and PSY 3215C. This course provides knowledge of a powerful and flexible programming language with application to computational and research elements important to the field of psychology. Topics include complex searches, image and audio manipulation, data analysis, and all in the context of using a variety of software tools and packages.

ISC 4302. Scientific Visualization (3). Prerequisites: MAC 1105 and MAC 2312. This course is an introduction to scientific visualization for large-scale computation and experimental data that covers the visualization methods and techniques, visualization results analysis and evaluation, and visualization practice. It teaches students the techniques for creating effective visual representations of 2D and 3D scientific data sets. The basic concepts, data structures, and algorithms in scientific visualization are presented and applied using datasets from different disciplines. Classic visualization techniques for scalar, vector, and tensor data such as marching cubes, ray casting, splatting, streamline, and line integral convolution etc. are introduced and popular visualization software is used.

ISC 4304C. Programming for Science Applications (4). Prerequisites: MAC 2312, COP 3014 or ISC 3313 or approved programming course. This course provides knowledge of a programming language that serves as a front-end to many popular packages and frameworks, along with a compiled language such as C++. Topics include the practical use of an object-oriented scripting and compiled language for scientific programming applications. There is a laboratory component for the course; concepts learned are illustrated in several science applications.

ISC 4907r. Senior Directed Individual Study in Scientific Computation (1-4). Prerequisite: instructor permission. This course is available so that a faculty member can design an individualized course of study in an area of computational science for a student, in cases where such a class is not available in the current curriculum. The student and faculty member are responsible for preparing a syllabus of readings, exercises, and evaluations. May be repeated to a maximum of twelve semester hours.

ISC 4931r. Junior Seminar in Scientific Computation (1-2). (S/U grade only.) Prerequisite: Junior standing (sixty plus hours). Special topics course in computational science. May be repeated two times to a maximum of four semester hours, with a maximum of only two semester hours credit allowed to be applied to the Computational Science degree.

ISC 4932r. Senior Seminar in Scientific Computation (1-2). (S/U grade only.) Prerequisite: Senior standing (ninety plus hours). Special topics course in computational science. May be repeated one time to a maximum of four semester hours, with a maximum of only one semester hour credit allowed to be applied to the Computational Science degree.

ISC 4933r. Selected Topics in Computational Science (3). Prerequisite: Instructor permission. This course covers computational-science topics which are not covered by existing courses. May be repeated within the same term, to a maximum of twelve semester hours.

ISC 4943r. Practicum in Scientific Computation (3). Prerequisite: Senior standing (ninety plus hours). This practicum allows students to work individually with a faculty member throughout the semester and meet with the instructor periodically throughout the semester to make progress reports. Written and oral presentations of work are required. May be repeated to a maximum of six semester hours, with a maximum of only three semester hours credit allowed to be applied to the Computational Science degree.

Graduate Courses

CAP 5771. Data Mining (3).
ISC 5224. Introduction to Bioinformatics (4).
ISC 5225. Molecular Dynamics: Algorithms and Applications (3).
ISC 5226. Numerical Methods for Earth and Environmental Sciences (3).
ISC 5228. Monte Carlo Methods (3).
ISC 5229. Multiscale Modeling of Materials (3).
ISC 5236. Applied Groundwater Modeling (3).
ISC 5305. Scientific Programming (3).
ISC 5306. Programming Skills for Computational Biology and Bioinformatics (3).
ISC 5307. Scientific Visualization (3).
ISC 5308. Computational Aspects of Data Assimilation (3).
ISC 5314. Verification and Validation in Computational Science (3).
ISC 5315. Applied Computational Science I (4).
ISC 5316. Applied Computational Science II (4).
ISC 5317. Computational Evolutionary Biology (4).
ISC 5318. High-Performance Computing (3).
ISC 5415. Computational Space Physics (3).
ISC 5906r. Directed Individual Study in Computational Science (1-12).
ISC 5907r. Directed Individual Study in Computational Science (1-3).
ISC 5934. Introductory Seminar in Computational Science (1).
ISC 5935r. Selected Topics in Computational Science (3–12).
ISC 5939r. Advanced Graduate Student Seminar in Computational Science (1–3).
ISC 5948r. Graduate Internship in Computational Science (3–6).
ISC 5975r. Thesis (3–12).
ISC 6981r. Dissertation (1–12).
ISC 8963r. Master’s Comprehensive Examination (0).
ISC 8964r. Doctoral Qualifying Examination (0).
ISC 8965r. Doctoral Preliminary Examination (0).
ISC 8971r. Master’s Thesis Defense (0).
ISC 8982r. Dissertation Defense (0).
MAD 5420. Numerical Optimization (3).
MAD 5427. Numerical Optimal Control or Partial Differential Equations (3).
MAP 5395. Finite Element Methods (3).

For listings relating to graduate coursework for theses, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Interdisciplinary Program in Social Science

College of Social Sciences and Public Policy

Web Page: http://www.coss.fsu.edu/iss/

Director: Robert E. Crew, Jr., Office of the Dean, College of Social Sciences and Public Policy

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 pre-professional 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 Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Mandatory for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. XXX XXXX: two introductory courses for a total of six credit hours in a social science discipline

Requirements

A major in the interdisciplinary program requires forty-two semester hours, including nine 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 semester hours in one department, a second concentration of twelve semester hours in another department, while the remaining twelve semester hours may be distributed among any of the remaining social science departments. Students must complete a total of twenty semester hours in courses numbered above 2999. A minimum cumulative grade point average (GPA) of 2.0 on all coursework 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://www.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 in Social Sciences for Psychology or Criminology 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 semester hours of coursework 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

HSC—Health Sciences

ISS—Interdisciplinary Social Sciences

Undergraduate Courses


CPS 4905r. Directed Individual Study (3). May be repeated to a maximum of nine semester hours.

ISS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six semester hours.

ISS 4906r. Directed Individual Study (3). May be repeated to a maximum of six semester hours.

ISS 4907r. Honors Work (1–6). May be repeated to a maximum of nine semester hours.

ISS 4931r. Special Topics (1–3). May be repeated with permission of the director of the interdisciplinary program in social science to a maximum of eighteen semester hours.

ISS 4944r. Internship (3–6). Students are placed in a variety of employment situations related to their academic interest and conduct, under faculty supervision, research related to a problem or issue facing the sponsor of the internship. May be repeated to a maximum of six 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.)

HSC 5930r. Special Topics in Social Science (1–3).

HSC 5945. Internship (3–6).

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 5951r. Problem Analysis Project (3).

ISS 5971r. Thesis (3–6). (S/U grade only.)

ISS 8966r. Master's Comprehensive Examination (0). (P/F grade only.)

ISS 8976r. Master's Thesis Defense (0). (P/F grade only.)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Social Work

This course is designed to acquaint students with the principles and practices of social work and to prepare them for further study. Prerequisite: SOW 4414. This course provides an overview of social work, its opportunities, and its role in society. The course covers topics such as the history of social work, the values and ethics of the social work profession, and the role of social work in promoting social and economic justice for oppressed groups. Students with a strong background in social work and related fields are encouraged to enroll.

Minor in Social Welfare

A minor in social welfare requires sixteen hours in social work courses with a grade of “B-” or better in each course: SOW 1054, SOW 3203, SOW 3350, and SOW 4620. At least six hours must be completed at FSU. An application is required for the minor and to be registered for SOW 3350. Please note that the minor does not qualify a student to apply for advanced standing programs in social work or for professional certification or licensure.

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, CGS 2064, or CGS 2100.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts.23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutes necessary for admission into this upper-division degree program:

1. POS X041 or POS X042 or PUP X099
2. BSC X005 or BSC X085 or BSC X101 or PCB X099
3. ECO X000 or ECO X023
4. PSY X102 or PSY X202
5. SYG X000 or SYG X100

Definition of Prefix

SOW—Social Work

Undergraduate Courses

SOW 1054r. Human Services Experience (1). (S/U grade only.) Prerequisite: Instructor permission. This course entails a direct human service experience in a social services agency or community organization or program. Thirty hours of volunteer services are required per credit hour. Through the volunteer experience, students are able to observe the interconnection of social work knowledge and skills with a human service program and to learn about the role social workers play in generalist practice settings with systems of all sizes. May be repeated to a maximum of two semester hours.

SOW 3203. 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, SOW 3203, and SOW 3350. This course focuses on reciprocal relationships between human behavior 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, SOW 3203, and SOW 3350. This 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 4290. Ethical Issues in Social Work Practice (3). This course provides students with a framework of knowledge and skills to prepare them for effective and ethical decision making that is congruent with codes of ethics and standard practice in the social work profession. Also explored are the principles of ethical decision making and various value systems.

SOW 4323. Theory and Practice of Social Work with Groups (3). Prerequisites: SOW 1054, SOW 3203, SOW 3350, and SOW 4341. This course focuses on the development of generalist practice skills with various kinds of groups: educational, socialization, and support. This course covers practice skills that contribute to group effectiveness, including composition, structure, dynamics, goal setting, and evaluation. Content also includes examining the ethical bases of a range of theories and models for social work group practice.

SOW 4341. Social Work Practice I (4). Prerequisites: SOW 1054, SOW 3203, and SOW 3350. This is the foundation 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 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, SOW 3203, SOW 3350, and SOW 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 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.
SOW 4414. Measurements in Social Work Research (3). Prerequisites: SOW 1054, SOW 3203, and SOW 2350. This course introduces students to quantitative tools used to describe and design research 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, and centers to plan and develop research.  

SOW 4454. Grant Writing and Grant Management (3). Particularly in the public and not-for-profit sectors, grants may be necessary to expand the type or number of resources available to augment what is possible through social work objectives that stress access to and availability of resources. This course covers the basics of proposals: purpose statements, background and justification, aims or objectives, personnel, timeline, budget, and evaluation and how to effectively manage grants once they are funded. The needs of disadvantaged groups or communities are discussed in this course, along with the particulars of proposals that may be most effective in meeting such needs.  

SOW 4510r. Undergraduate Field Instruction (6–12). (S/U grade only.) Prerequisites: A 3.0 GPA in social work courses and completion of all the required social work courses and prerequisites. Co-Students: SOW 4522. Supervision of social work practice. Field experience is provided in various human service settings. May be repeated to a maximum of twelve 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 ecological perspective and focuses on preparing students to apply the knowledge and skills of generalist social work practice to systems of all sizes.  

SOW 4602. Social Work in Health Settings (3). This course focuses on social work practice in health settings from a “person-in-environment” perspective, preparing students to understand 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 policy, and patient issues and how to help to address these 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 emphasizing the interconnections between individuals experiencing violence and their social environments. Emphasis is placed on broad coverage of all-important aspects of child abuse, incest, intimate partner violence, rape, and elder abuse. This course is appropriate for students who wish to gain skill in detecting and responding to incest 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 and prepares students to engage in a lifetime pursuit of cultural competence. Students will discuss the implications 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 skill sets, emphasis is placed on enhancing respectful and empathic communication.  

SOW 4622. Social Work with Black Families (3). This course critically analyzes African-American/black family life, culture, structure, and functioning. The focus is on knowledge and skill development for 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 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 mental health literature concerning the cultural context 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 strategies and 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 school-based personnel and children from working to the best of their abilities. This course introduces the student to school social work practice and related issues, such as biased educational practices, behavior, economic constraints, physical and emotional problems, and community and family adversity.  

SOW 4645. Gerontological Social Work (3). This course introduces students to social gerontology and social work with older adults. Students will cover the demography of aging and the physical, cognitive, and psychosocial aspects of aging; social and health care policies that impact older persons, their caregivers, and the aging network of services; the impact of ageism, sexism, racism, ablebodysm, and homophobia on our work with older persons; and the promotion of dignity, self-determination, and social justice for older adults.  

SOW 4647. Physical Aspects of Aging (3). This course covers age and health demographics, as well as attitudes toward aging and health. Topics include basic cellular or molecular theories of aging, how the human body’s organ systems typically change over time, pathological associations with aging, as well as psychological responses to normal and pathological changes.
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. Gerontological Social Work (3).
SOW 5648. Physical Aspects of Aging (3).
SOW 5655. Social Work with Children and Adolescents (3).
SOW 5666. Theory and Practice of Social Work in Criminal Justice Settings (3).
SOW 5668. 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 6407. Survey Research Methods (3).
SOW 6418. Introduction to Linear Modeling for Applied Social Research (4).
SOW 6466. Social Work Research Using Secondary Data (3).
SOW 6490. Social Work Research Topics (2). (S/U grade only.)
SOW 6492. Foundation Research Methods (4).
SOW 6494. Advanced Research Methods (3).
SOW 6495. Systematic Reviews in Social Work Research (3).
SOW 6496. Qualitative Research Methods (3).
SOW 6498. Integrative Seminar (3).
SOW 6499. Intervention Research 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 6909r. Directed Individual Study (1–6). (S/U grade only.)
SOW 6918r. Supervised Research (1–6). (S/U grade only.)
SOW 6930. Teaching Seminar and Practicum (3). (S/U grade only.)
SOW 6938r. Selected Topics in Social Work (3).
SOW 6942r. Supervised Teaching (1–3). (S/U grade only.)
SOW 6945r. Practicum in Applied Research (2–6). (S/U grade only.)
SOW 6960. Preliminary Prep (0–12). (S/U grade only.)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult 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 sociology satisfy this requirement by earning a grade of "C-" or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

1. SYA XXXX or SYD XXXX or SYG XXXX or SYO XXXX or SYP XXXX
2. SYA XXXX or SYD XXXX or SYG XXXX or SYO XXXX or SYP XXXX

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 and Public Policy. 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 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 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 semester hours in sociology with a grade of “C–” or better in each course. At least nine of the fifteen 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

SYG 1000. Introductory Sociology (3). An introduction to the fundamentals of sociology. Emphasis is placed on exposure to the basic findings of empirical research studies in a wide range of areas traditionally examined by sociologists.

Sociological Theory and Methods of Research

SYA 4010. Sociological Theory (3). This course introduces the student to the kind of theory 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.

SYA 4400. Social Statistics (3). This course involves the application of statistical techniques to sociological data as illustrated in the research and writing of social scientists. As a course for majors, it represents an important part of the student’s methodological training with respect to the statistical analysis of data typically used by sociologists. The student is expected to carry out a number of exercises involving the statistical analysis of sociological data and to interpret the results.

The Family

SYG 2430. Sociology of Marriage and the Family (3). This course focuses on marriage and family relationships over the life course. Topics covered include dating, love, sexuality, cohabitation, marriage, divorce, reconstituted families, parenting, and marital and family relationships in later life. The major course objective is to critically analyze some of the most private social relationships from a sociological perspective.

SYO 3100. Family Problems and Social Change (3). A basic sociological approach to conditions, issues, and problems of familial organization within the context of changing institutional structures of modern society. Attention is given to such questions as: How have spouse roles changed, and why? How do changes in the organization of work affect family experience? How are family and kinship patterns affected by an aging population?

SYP 3703. Childhood in Society (3). This course is about childhood and youth in everyday life. This course explores central themes and features of children’s peer cultures and considers the importance of family and peer experiences for children’s social development.

Personality and Society (Social Psychology)

SYP 3000. Social Psychology of Groups (3). This course represents the study of social psychology from a sociological perspective. Specifically, it is an analysis of the influence of groups and the individual on each other, including the study of norms, group personality, leadership, motivation, and social personality.

SYP 3350. Collective Action and Social Movements (3). There have been scores of social movements in the U.S. and around the world in this century. This course explores the origins and organization of social movements, the dilemmas and challenges facing social movements, the relationship between social movements and political institutions, and the role of social movements in causing social change.

Population and Human Ecology

SYD 3020. Population and Society (3). This course examines the causes and consequences of population change in the United States and the world with an assessment of the impact of demographic change on various social institutions.

Social Issues and Change

SYD 3800. Sociology of Sex and Gender (3). This course provides a look at the sociological facets of gender and its effect in society.

SYD 4510. Environmental Sociology (3). This course examines the larger social forces that shape our natural environment; the social foundations of environmental problems; and the social responses to environmental issues, conflicts, and movements.

SYD 4700. Race and Minority Group Relations (3). An introduction to prevalent sociological concepts and theories utilized in the study of dominant-subordinate relationships between groups. The social significance of minority status is emphasized. Once introduced, concepts and theories are applied to the experiences of several nonwhite ethnic groups in the U.S. with special attention being devoted to contemporary black-white relationships. The reemergence of white ethnicity is discussed in relation to the above.

SYD 4730. African-Americans in Modern Society (3). This course examines the African-American experience in the U.S. with the goal of understanding how historical conditions and events shaped current circumstances. Focus is on African-Americans as situated in all major institutions (economy, polity, family, education, religion, welfare, military, criminal justice) and the consequences of their placement. The course applies sociological theories of race/ethnicity to past and current developments.

SYD 4749. Problems in American Society (3). This course uniquely addresses the way in which issues of inequality, poverty, labor, markets and work, urban problems, and discrimination are intertwined to produce continuing problems in American society.

SYG 2010. Social Problems (3). This course represents a study of various contemporary social problems in an urbanized society, which may include such topics as education, the family, politics, the economy, race relations, drug use and alcoholism, over-population, and other issues.

SYO 4352. The Sixties: Social Change, Social Movement (3). This course offers a detailed examination of major events and processes of the 1960’s, especially the civil rights struggle, the Vietnam War and antiwar movement, and the counter culture, from a historical-sociological perspective that features the interplay of social change and social movements.

SYO 4374. Gender and Work (3). This course is an introduction to the cultural and structural mechanisms that reproduce gendered outcomes in the workplace. It addresses occupational segregation, the wage gap, sex differences in promotions, unpaid family work, explanations of inequality, strategies for change and resistance to change, and the intersections of gender, race, and class.

SYO 4402. Medical Sociology (3). This course explains why and how social structure influences the distribution of health and illness and illustrates how the medical care system is organized and responds.

SYP 3454. The Global Justice Movement (3). This course critically examines the history, organization, strategies, ideology, opponents, culture, and future prospects of the global justice movement.

SYP 3730. Aging and the Life Course (3). In coming years, Americans will have to make important decisions regarding the consequences of population aging. This course explores how changing life course patterns have influenced retirement, health care, politics, and family structure. It also considers the policy choices that will have to be made in the twenty-first century as the baby boom generation reaches retirement age.

SYP 4550. Alcohol and Drug Problems (3). This course presents a review and analysis of sociological approaches to the study of alcohol and drug problems. It addresses theoretical perspectives on recreational and deviant drinking and drug use and introduces important empirical methods in the study of alcohol and drug problems and current debates over alcohol and drug policy.

SYP 4570. Deviance and Social Control (3). This course focuses on major theories and research traditions, including structural and social psychological causes of deviant behavior, processes of labeling devians, and social conflict over definition and treatment of deviance.

SYP 4764. Aging Policies and Services (3). This course examines issues faced by older people and the current federal and state policies and services designed to address these issues. It explores these policies and issues, in the context of both political economy and the long-term care continuum of services from independence to dependence.
Social Organization

SYD 3600. Cities in Society (3). This course explores changes in societal scale and structure associated with the development of cities and urban societies; the impact on individuals and social groups of the urban context; and the ways that life in cities is influenced by social inequalities related to ethnicity, social class, and other dimensions of social organization.

SYO 3200. Sociology of Religion (3). A basic sociological perspective on the social organization and forms of religious life in modern society. Religious groups are studied as organizations that contribute to social stability, social conflict, and social change.

SYO 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 life.

SYO 3330. 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 4360. 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 industry.

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 persistent 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.

SYP 3540. Sociology of Law (3). This course examines the interrelationship between the legal order and the social order. Limitations of civil and criminal law for conflict management and for implementation of social policy are considered.

Others

SYA 4905r. Directed Individual Study (3). Consent of instructor and departmental chair required. May be repeated to a maximum of nine semester hours.

SYA 4930r. Selected Topics in Sociology (3). May be repeated to a maximum of nine semester hours.

SYA 4931r. Honors Work (3). May be repeated to a maximum of nine semester hours.

SYA 4932r. Tutorial in Sociology (1). Prerequisite: Upper-division sociology major or minor status. Reading and analysis of primary literature on selected topics in contemporary sociology. May be repeated to a maximum of three semester hours.

SYA 4935r. Capstone for Outstanding Majors (3). Through course readings, discussions, and projects, students learn more about how to apply social theory and methods to conduct research and design programs to address social inequality. The course focus varies from offering to offering, depending on the instructor’s area of expertise. May be repeated to a maximum of six semester hours when content changes.

Graduate Courses

Core

SYA 5018. Classical Social Theory (3).

SYA 5126. Contemporary Sociological Theory (3).

SYA 5305. Introduction to Research Methods (3).

SYA 5315. Qualitative Research Methods in Sociology (3).

SYA 5355. Comparative Historical 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 (0-3). (S/U grade only.)

SYA 5516. Reporting Sociological Research (3). (S/U grade only.)

SYA 6936r. Selected Topics in Research Methods (3).

Demography

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 6977. Master’s Research Paper Defense (0). (S/U grade only.)

SYD 5045. Introduction to Demography (3).


SYD 5105. Population Theory (3).

SYD 5135. Techniques of Population Analysis (3).

SYD 5215. Health and Survival (3).

Health and Aging

SYA 5326. Injury Epidemiology (3).

SYA 6912. Epidemiology Research Paper (6). (S/U grade only.)

SYD 5134. Environmental Epidemiology (3).

SYD 5136. Life Course Epidemiology (3).

SYD 5137. Fundamentals of Epidemiology (3).

SYD 5138. Infectious Disease Epidemiology (3).

SYD 5139. Chronic Disease Epidemiology (3).

SYO 5405. Health Institutions and Social Policy (3).

SYO 5416. Stress and Mental Health (3).

SYO 5426. Gender and Mental Health (3).

SYO 6407. Race, Ethnicity and Health (3).

SYO 5735. Sociology of Aging (3).

SYO 5737. The Dynamics of Aging and Social Change (3).

Social Issues and Change

SYP 5738. Aging Policies and Services (3).

Social Psychology

SYP 5005. Social Interaction (3).

SYP 5006. Identity and the Self (3).

SYP 5007. Sociology of Emotion (3).

SYP 5105. Theories of Social Psychology (3).

SYP 5516. Sociological Theories of Deviance (3).

SYP 5733. Social Psychology of Aging (3).

Stratification and Social Justice

SYD 5705. Sociology of Race and Ethnicity (3).

SYD 5817. Contemporary Theories of Gender (3).

SYO 5107. Sociology of the Family (3).

SYO 5306. Political Sociology (3).

SYO 5335. Sociology of Political Economy (3).

SYO 5376. Sociology of Gender and Work (3).

SYO 5355. Inequalities: Race, Class, Gender (3).

SYO 5547. Race and Gender in Organizations (3).


SYO 6506r. Advanced Research Seminar in Social Organization (3–9).

SYO 6538r. Advanced Research Seminar In Stratification and Inequality (3–9).

SYP 5305. Collective Behavior and Social Movements (3).

SYP 5447. Sociology of National Development (3).

SYP 6356. Sociology of the Contemporary Women’s Movement (3).

General

SYA 5625r. Proseminar in Sociology (0–3). (S/U grade only.)

SYA 5645. Critical Thinking and Proposal Preparation (3).

SYA 5907r. Directed Individual Study (1). (S/U grade only.)

SYA 5909r. Directed Individual Study (1–3). (S/U grade only.)

SYA 5912r. Supervised Research (1–3). (S/U grade only.)

SYA 5946r. Supervised Teaching (1–5). (S/U grade only.)

SYA 5971r. Master’s Paper Research (0–6). (S/U grade only.)

SYA 6507. Writing Seminar for Social Scientists (3).

SYA 6660. Teaching at the College Level in Sociology (3).

SYA 6933r. Selected Topics in Sociology (3).

SYA 6938r. Selected Topics in Social Institutions, Social Organization, and Social Policy (3).

SYA 6980r. Dissertation (1–12). (S/U grade only.)

SYA 8945r. Doctoral Research Paper (1–12). (S/U grade only.)

SYA 8962r. Major Area Doctoral Preliminary Examination (0). (P/F grade only.)

SYA 8967r. Preparation for Major Area Preliminary Examination (1–12). (S/U grade only.)

SYA 8976. Master’s Paper Completion (0). (S/U grade only.)

SYA 8981. Doctoral Research Paper Defense (0). (P/F grade only.)

SYA 8985r. Dissertation Defense (0). (P/F grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
The Department of Sport Management offers a Bachelor of Science (BS) in Sport Management. Students seeking admission to the Sport Management major must hold a 2.75 GPA in all college coursework and a “C” in all math and English courses. A minimum grade of “C–” or better must be earned in each prerequisite course to be eligible for admission into the program. A minimum grade of “C–” or better must be earned in each departmental core course, in each departmental elective course, and in each non-departmental elective course. If at any point a student has a combination of three or more “D” and/or “F” grades in departmental core, departmental elective, or non-departmental elective courses, the student may be dismissed from the Sport Management program and required to change their major.

The department utilizes centralized advising procedures and all entering students must be advised by the designated coordinator of undergraduate 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 sport management satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2100 or EME 2040.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:

Sport Management
1. FIN XXXX or MAR XXXX or GEB XXXX
2. MAN XXXX or BUL XXXX or CGS XXXX or STA XXXX or ACG XXXX or REE XXXX
3. HFT XXXX or RMI XXXX or ECO XXXX or SDS XXXX or COM XXXX

Limited Enrollment Programs

No student, transfer or otherwise, may be admitted to limited access, College of Education programs without first completing the general education and program prerequisites. 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.

Admissions

New admissions to the Physical Education program were suspended at all degree levels effective July 1, 2009. No new applications can be considered at the present time.

Sport Management Program

The Sport Management program provides academic coursework 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
Prerequisites: PEO 4006 and PET 4300. An
Corequisite: PET 4710.
Prerequisites: PET 4713 and
PEO 3219. Theory and Practice of Baseball (2).
PEO 2624. Theory and Practice of Basketball (2).
PEO 2013. Sports Officiating (2).
PEO 2622. Care and Prevention of Sport Injuries (3).

Courses for Physical Education Majors

DAE 4300. Educational Dance (2). Prerequisites: PET 4710 and PET 4710L. Follows the content development framework for educational games with a focus on the exploration of themes and the refinement of movement sequences and creative dances.
PETO 2013. Sports Officiating (2). Prerequisites: PET 4300 and PET 4302C.
PETO 2624. Theory and Practice of Basketball (2). Teaching and coaching techniques in basketball including current trends and offensive and defensive systems.
PETO 3219. Theory and Practice of Baseball (2). All phases of baseball technique, strategy, teaching, and coaching procedures.
PETO 3644. Theory and Practice of Football (2). Organization, game theory, and the fundamental techniques of playing, teaching, and coaching.
PETO 4006. Educational Games (3). An analysis of fundamental skills using the content development framework, movement analysis framework, and games stages for planning and teaching games content in physical education classes.
PETO 4009. Educational Games II (3). Prerequisites: PEO 4006 and PET 4300. An 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.
PETO 4020. Sport Tactics (3). This course is designed to promote interest in sports, an understanding of game play, and the ability to play games for a lifetime of physical activity. Students of all levels learn sport tactics and strategies for a variety of sports and games.
PETO 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.
PETO 4206. Educational Gymnastics (3). Prerequisites: PET 4710 and PET 4710L. Continuation of PET 4713 and PET 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.
PETO 4400. Managerial, Ethical, and Organizational Aspects of Physical Education (3). Prerequisites: PET 4713 and PET 4714. Corequisite: PET 4945. This course will be oriented specifically toward an understanding of the following: class management, discipline across K–12 programs; ethical and legal concerns in the profession; organization and administration of physical education; and induction into the profession.
PETO 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.
PETO 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 with an understanding within the cognitive, psychomotor, and affective domains.
PETO 4513. Developing Electronic Teaching Portfolios in Physical Education (3). Prerequisite: EME 2040. Corequisites: PEO 4006, PET 4051, PET 4710, and PET 4710L. In this course, students develop an electronic teaching portfolio to document growth and development toward the Florida 12 Professional Accomplished Practices.
PETO 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.
PETO 4710. Instructional Aspects of Physical Education (2). Corequisite: PET 4710L. Instructional methods in physical education emphasizing the physical activity needs of students and effective teaching styles.
PETO 4710L. Physical Education Instructional Practicum (1). Corequisite: PET 4710. Focuses on the application of effective instructional methods in the school physical education setting.
PETO 4712. Methods and Materials of Teaching Fitness, K–12 (3). Prerequisite: Instructor permission. 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.
PETO 4713. Physical Education Instruction I, K–12 (3). Prerequisites: PET 4710 and PET 4710L. Corequisite: PET 4713L. Focus is on teaching physical education to upper elementary, middle, and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.
PETO 4713L. Physical Education Practicum, K–12 (1). Prerequisites: PET 4710 and PET 4710L. Corequisite: PET 4713. Development of effective instructional skills through the planning, teaching, and assessment of experiences with upper elementary, middle, and high school students.
PETO 4714. Physical Education Instruction II, K–12 (3). Prerequisites: PET 4713 and PET 4713L. Corequisite: PET 4714L. Focus on teaching physical education to primary elementary and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.
PETO 4714L. Physical Education Practicum II, K–12 (1). Prerequisites: PET 4713 and PET 4713L. Corequisite: PET 4714L. Development of effective instructional skills through the planning, teaching, and assessment of experiences with primary elementary and high school students.

PET 4771C. Applied Physical Fitness Concepts (3). Prerequisite: PET 4302C. This course is designed to examine techniques of evaluation for physical fitness and health, with a particular emphasis on aerobic capacity, flexibility, strength, and body composition. It entails the design, implementation, and administration of programs for developing physical fitness and lifestyle changes.

PET 4940r. Practicum in Physical Education (1-6). (S/U grade only.) Noncertification program. May be repeated to a maximum of ten semester hours. For physical education noncertification majors only.

PET 4945. Student Teaching in Physical Education (9). (S/U grade only.) Prerequisites: PET 4432, PET 4710, and PET 4713. A one-semester school experience in the role of a professional educator.

Courses for Sport Management Majors

PEO 2013. Sports Officiating (2). Prerequisites: PET 4300 and PET 4302C.

PET 2624. Theory and Practice of Basketball (2). Teaching and coaching techniques in basketball including current trends and offensive and defensive systems.

PET 3219. Theory and Practice of Baseball (2). All phases of baseball technique, strategy, teaching, and coaching procedures.

PET 3644. Theory and Practice of Football (2). Organization, game theory, and the fundamental techniques of playing, teaching, and coaching.

PEP 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 2303C. Applied Anatomical and Physiology Concepts (4). Prerequisite: CHD 2220. Anatomical and physiological functions of the human body are applied to movement and physical fitness. Lecture and laboratory activities relate information to teaching physical education in schools.

PET 2622C. Care and Prevention of Sport Injuries (3). Prerequisite: PET 2303C. This course discusses specific sport injuries, their treatment, and preventive procedures.


SPM 4003. Career in Professional Sport (3). This course covers issues related to professional sports, including sport agents, contracts, the draft process, salary negotiations, and insurance.

SPM 4004. Issues in Sport Management (3). This course introduces students to the major topics, trends, problems, and issues involved in athletics and sport management.

SPM 4011. Sport History (3). This course provides a survey of significant time periods beginning with the Ancient Greeks and ending with the current society. The survey reviews sport issues and practices across time, aiming to inform students about the role of sport in our current society.

SPM 4012. Sport in Society (3). This course covers the role of sports in the United States, focusing on the social and cultural phenomena. Focus is on the relationships between sports and social variables such as race and gender, social institutions such as education and family, as well as social issues such as drug use and violence.

SPM 4020. Current Issues in International Sport (3). This course is a discussion of current issues impacting the international sport industry. The course includes site visits and discussions of issues that industry professionals in international settings face.

SPM 4025. Diversity in Sport (3). This course examines the role and impact that ethnicity, racism, gender, and other diversity topics have had on sport, while providing students with an opportunity to develop an understanding and appreciation for diversity in sport.

SPM 4104. Facility and Event Management (3). Students in this course learn the factors involved in obtaining, running, and managing athletic events. They also learn the guidelines for designing, constructing, maintaining, scheduling, and managing an athletic facility.

SPM 4124. Human Resource Management in Sport (3). This course offers an introduction to the basic elements of human-resource management in sport organizations.

SPM 4154. Introduction to Sport Management (3). This course provides an introduction to the diverse field of sport management. Topics cover career opportunities within the sport industry, as well as knowledge relevant to the management, marketing, legal, and financial operations of sport organizations.

SPM 4204. Ethics in Sport (3). This course is designed to examine major moral/ethical issues within sport. Students are introduced to critical-thinking regarding ethical issues in sport and learn to use moral reasoning to make ethical decisions in sport.

SPM 4304. Event and Special Projects (3). Promotion in sport. Topics and issues involved in the promotions and marketing of sporting events. An examination of the evolution of large-scale corporate marketing strategies.

SPM 4505. Sport Finance (3). This course provides an introduction to financial strategies related to sport entities and organizations.

SPM 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 related to the sport industry are presented. An outside project enhances the student’s understanding of a selected sport organization and its event.
For listings relating to graduate coursework for thesis, dissertation, and dissertation defense, consult the Graduate Bulletin.
Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Major

Twenty-one semester hours in statistics courses are required, including STA 3024 and either STA 4321 or 4442. The additional fifteen semester hours may be selected from any 3000- or 4000-level courses with the STA prefix.

Additional requirements include MAC 2311, MAC 2312, and MAS 3105. A grade of “C–” or better must be earned in each statistics or mathematics course counted toward the major. At least nine semester hours of statistics courses credited 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

Students interested in pursuing a course of study in applied statistics are encouraged to take STA 3032, 4202, and 4203. This provides a strong background in practical data analysis which will be attractive to future employers, as well as completing most of the requirements for a SAS certificate in Programming and Data Analysis.

Students anticipating graduate study in statistics are strongly encouraged to take the STA 4321 and 4322 sequence and additional mathematics courses such as MAC 2233, 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, 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 semester hours in statistics courses, including one of STA 2122, 2171, 3032, 4442, or 4321 with the remaining three coming from an STA course numbered at the 3000 level or higher. 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 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 minimal mathematical prerequisites: STA 2122 or 2171, plus nine semester hours selected from any of STA 3024, 4202, 4203, 4222, 4502, and 4664.

2. A minor with statistical theory as well as methodology: STA 4321 and 4322, plus six hours selected from any of STA 4102, 4202, 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 (BS) degree in statistics and a Master of Science (MS) degree in applied statistics. This five-year program allows up to fifteen semester hours of coursework to be dually counted toward both the BS and the MS degree.

An undergraduate student wishing to enroll in this program must meet the following criteria:

1. Completion of at least twelve 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 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 semester hours at FSU with the same minimum GPA.

Undergraduate students may apply as early as the second semester of their sophomore year. If accepted, they should take the GRE at the end of their junior year and apply to the graduate school during the first semester of their senior year.

For more information, please visit http://stat.fsu.edu/graduate/redbook/5year.php.

Undergraduate Certificate in SAS Programming and Data Analysis

The FSU Department of Statistics offers a certificate in Statistical Analysis System (SAS) Programming and Data Analysis. The certificate is cosponsored by the SAS Institute, providing students with an excellent recognition. The certificate is designed to provide students with in-demand programming and statistical computing skills using one of the leading statistical software packages. Focus is placed on applications that require data management and statistical analyses.

The undergraduate certificate requires twelve semester hours consisting of one required core course, STA 3024, and three elective courses with a SAS component selected from the following list: STA 4202, 4203, 4664, 4702, and 4853. The coursework will also meet the requirements for students seeking a minor in statistics and can be embedded into a program for those students seeking a major in statistics. In addition, an applicant must submit a binder of coursework involving SAS. The binder will include major assignments or projects from the courses in the certificate program with all four courses being represented. The completed portfolio will demonstrate several dimensions of SAS skills that are deemed valuable for public sector, private sector, or graduate school work. The certificate application form and more program details may be found at http://sas.stat.fsu.edu.

Definition of Prefixes

EGN—General Engineering
QMB—Quantitative Methods in Business
STA—Statistics

Undergraduate Courses

SCE 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1).

Note: For the description of the course above, see the “Science Education” chapter in the School of Teacher Education chapter in this General Bulletin.

EGN 3443. Statistical Topics in Engineering (3). Prerequisite: MAC 2312. Basic statistical analysis, samples and populations, variability, hypothesis formulation, and data analysis. Use of computer software and interpretation of results.


STA 1013. Statistics through Example (3). Fundamental concepts of statistics including descriptive measures, randomness, estimation of proportions, central tendency, rare event principle, association versus causation, and risks.

STA 2023. Fundamental Business Statistics (3). Prerequisite: MAC 1105 or 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 “3” or better on the AP statistics exam will be given credit for STA 2023. Statistical applications in business, involving graphical and numerical descriptions of data, data collection, elementary probability, random variables, binomial and normal distributions, sampling distributions, and confidence intervals and hypothesis tests for a single example.

STA 2122. Introduction to Applied Statistics (3). Prerequisite: MAC 1105. Subsequent credit for STA 5126 is not permitted. No credit is given for STA 2122 if a grade of “C–” or better is earned in STA 2171, STA 3032, or QMB 3200. Only two credit hours are given for STA 2122 if a grade of “C–” or better was previously earned in STA 2023 or STA 3014. The course covers data collection, sample variation, basic probability, confidence intervals, hypothesis testing, analysis of variance, contingency tables, correlation, and regression.

STA 2171. Statistics for Biology (4). Prerequisite: MAC 2311 and biology major status or departmental approval. Only two 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 a “C–” or better has been previously earned in STA 2122 or 3032 or QMB 3200. This course provides an introduction to statistics emphasizing applications to biology. Topics include descriptive statistics, elementary probability, the binomial and normal distributions, confidence intervals and hypothesis tests for means and proportions, correlation and regression, contingency tables and goodness-of-fit tests as well as analysis of variance.
STA 3024. SAS for Data and Statistical Analyses (3). Prerequisite: Introductory statistics course at or above the 2000 level or instructor permission. This 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 STA 4202 or 4203.

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 categorical data, and statistical quality control.

STA 4101. Computational Methods in Statistics I (3). Prerequisite: At least one statistics course above STA 1013, some programming experience, or instructor permission. MATLAB and a programming language (C/fortran) will be used. Floating point arithmetic, numerical matrix analysis, multiple regression analysis, non-linear optimization, root finding, numerical integration, Monte Carlo sampling, survey of density estimation.

STA 4103. Computational Methods in Statistics II (3). Prerequisite: STA 4102 or instructor permission. MATLAB and a programming language (C/fortran) will be used. A continuation of STA 4102 in computational techniques for linear and non-linear statistics. Statistical image understanding, elements of pattern theory, simulated annealing, Metropolis-Hastings algorithm, Gibbs sampling.

STA 4202. Analysis of Variance and Design of Experiments (3). Prerequisite: STA 2122, STA 2171, STA 3032, or QMB 3200. Subsequent credit for STA 5206 is not permitted. One and two-way classifications, nesting, blocking, multiple comparisons, incomplete designs, variance components, factorial designs, confounding.

STA 4203. Applied Regression Methods (3). Prerequisite: STA 2122, STA 2171, STA 3032, STA 4202, or QMB 3200. Subsequent credit for STA 5207 is not permitted. General linear hypothesis, multiple correlation and regression, residual analysis, and model identification.

STA 4222. Sample Surveys (3). Prerequisite: A statistics course above STA 1013 or instructor permission. Simple, stratified, systematic, and cluster random sampling. Ratio and regression estimation, multistage sampling.

STA 4321. Introduction to Mathematical Statistics (3). Prerequisite: MAC 2313. Distribution of random variables, conditional probability and independence, multivariate distributions, sampling distributions, Bayes’ rule, counting problems, expectations. Credit not given for both STA 4321 and STA 4442.

STA 4322. Mathematical Statistics (3). Prerequisite: STA 4321 and MAC 2313. Subsequent credit for STA 5325 is not permitted. Sufficiency, point estimation, confidence intervals, hypothesis testing, regression, linear models, Bayesian analysis.

STA 4442. Introductory Probability I (3). Prerequisite: MAC 2312. Subsequent credit for STA 5440 is not permitted. Random variables, probability distributions, independence, sums of random variables, generating functions, central limit theorem, laws of large numbers. Not open to Statistics majors or minors. Credit not given for both STA 4321 and STA 4442.

STA 4502. Applied Nonparametric Statistics (3). Prerequisite: A statistics course above STA 1013 or instructor permission. Subsequent credit for STA 5507 is not permitted. Application of nonparametric tests, estimates, confidence intervals, and multiple comparison procedures.

STA 4634. Applied Machine Learning (3). Prerequisite: STA 3032 or instructor permission. This course is a hands-on introduction to statistical methods for supervised, unsupervised, and semi-supervised learning. It explores fundamental techniques including but not limited to Support Vector Machines, Decision Trees, Linear Discriminant Analysis, Random Forests, Neural Networks, and different flavors of Boosting.

STA 4664. Statistics for Quality and Productivity (3). Prerequisites: STA 4322 or instructor permission as well as STA 2122 or STA 2171 or STA 3032 or STA 4442. Deming’s ideas, graphical methods, control charts, and design of experiments for product and process improvement.

STA 4702. Applied Multivariate Analysis (3). Prerequisite: STA 4203 or STA 4322. Subsequent credit for STA 5707 is not permitted. Principal components and factor analysis, canonical correlation, discriminant analysis, multivariate analysis of variance, multidimensional contingency tables, cluster analysis.

STA 4853. Time Series and Forecasting Methods (3). Prerequisites: QMB 3200 or equivalent, STA 2122, STA 2171, STA 3032, and knowledge of PCs or UNIX. Autoregressive, moving average, and mixed models; autocovariance and autocorrelation functions; model identification; forecasting techniques; seasonal model identification; estimation and forecasting. Subsequent credit for STA 5856 is not permitted.

STA 4905r. Directed Individual Study (2–3). (S/U grade only.) May be repeated to a maximum of twelve semester hours.

STA 4930r. Selected Topics in Statistics, Probability, or Operations Research (2–3). May be repeated to a maximum of twelve semester hours.

STA 4970r. Honors Thesis in Statistics (3). Students selected by the University and the department honors programs may take this course. Consent of the thesis adviser is mandatory. May be repeated to a maximum of six semester hours.
School of TEACHER EDUCATION

COLLEGE OF EDUCATION

Web Page: http://www.coe.fsu.edu/site/
Assistant Dean and Director: Lawrence Scharmann; Professors: Carroll, Foorman, Hanline, Lewis, Southerland; Associate Professors: Al Otaiba, Aspinwall, Connor, Edwards, Davis, Gallard, Guerette (formerly McKenzie), Jakubowski, Jones, Lake, Menchetti, Ratiliffe, Rice, Shaw (Panama City);
Assistant Professors: K. Clark, Kim, V. Sampson, Wanzek, Witte; Associate in English Education: Froelich; Research Associate: Davis (Panama City);
Associates in Elementary Education: Fesmire (Panama City), Fetterly, Rios (Panama City), Associate in Social Science Education: Kirkwood-Tucker;
Assistant in English Education: West-White; Assistants in Elementary Education: Fiskie-Davis; Assistants in Foreign and Second Language Education: Galeano, Grill; Assistants in Social Science Education: Swanson, White; Professors Emeriti: Dawson, Denmark, Flake, Green, Jenks, G. Jones, Kalin, Kirby, Lynch-Brown, Lunstrum, Mills, Nichols, Oseroff, Palmer, Piazza, Platt, Schluck, Scott, Scott-Simmons, Simmons, Sutherland, Tait, Wheatley; Courtesy Instructors: L. Jones, Kennell

The School of Teacher Education 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, visual disabilities, and related areas. The School strives to provide programs of excellence serving undergraduates, graduates, and advanced graduates by teaching, advising, and providing professional role models. Our mission of the specific program application, due on or before March 1st of the year.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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 into these programs.

Limited Enrollment Programs

Please note that admission to limited enrollment programs requires submission of the specific program application, due on or before March 1st of the Spring semester preceding Fall admission. As limited enrollment programs, these majors reserve the right to impose standards for admission above and beyond the minimum requirements for admission to teacher preparation programs. Fulfillment of the minimum standards does not guarantee admission to limited enrollment programs, so students are encouraged to plan for alternative courses of study should they not be offered admission to a particular major. Note that both programs in childhood education require submission of standardized test scores, either SAT or ACT, as criteria for admission.

EARLY CHILDHOOD EDUCATION

Web Page: http://www.coe.fsu.edu/earlychildhood

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. Coursework and extensive field experiences prepare graduates with specializations appropriate for educating the young child and designing curriculum for young children.

**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, elementary/early childhood education, education of the blind and visually handicapped, and education of specific learning disabled satisfy this requirement by earning a grade of “C-” or higher in EME 2040.

**State of Florida Common Program Prerequisites**

The state of Florida has identified common program 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 into these programs. Students may not be admitted into the University without completing the prerequisites, but may not be admitted into the program.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into these upper-division degree programs:

- Early Childhood Teacher Education
- Elementary Teacher Education
- Exceptional Student Education (ED/LD Combined Program)
- Mental Disabilities
- Visual Disabilities Education

1. EDF X005
2. EDF X085

**Note:** In addition to EDF X085, a minimum of six credit hours with an international or diversity focus is required. 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 must be used to meet this requirement. Contact the department and/or adviser for details.

3. EME X040

**Note:** General education courses will be determined by the community college or university where the student is currently earning the Associate in Arts (AA) or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

**Limited Enrollment Programs**

- English Education w/ESOL Endorsement (Grades 6-12)
- Social Science/Middle Grades Social Science Education (Grades 6-12/5-9)
- FSU-Teach Secondary Science or Mathematics Teaching (Grades 6-12)

**Program requirements for state-approved educator preparation programs**

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 Educator Preparation Programs.

**Inventory of State-Approved Initial Certification Programs**

The following programs have been approved by the Florida Department of Education (DOE) as Initial Certification Teacher Preparation Programs at the Baccalaureate level:

- Elementary Education w/ESOL and Reading Endorsements (Grades K-6)
- Exceptional Student Education w/ESOL Endorsement (Combined Program, Grades K-12)
- Pre-K/Primary Education w/ESOL Endorsement (Early Childhood, Age 3-Grade 3)
- Visually Impaired Education (Visual Disabilities Education, Grades K-12)
Baccalaureate Curriculum in Early Childhood Education Leading to 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; EDE 4316; EEX 4070, 4212; LAE 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 sequence. 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. For a complete listing of courses and requirements, please contact the undergraduate coordinator with the School of Teacher Education in G107 Stone Building.

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 semester.

All students are urged to seek advising from the lower division advisors in the Office of Academic Services, 2301 Stone Building. All students must complete: (1) the liberal studies degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; (2) the state of Florida common 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 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 by March 1st for Fall semester admission (an interview may be required following submission of an application). Applicants are selected on the basis of the following criteria: GPA, SAT/ACT, General Knowledge Test, relevant experience, and professional promise.

1. Application form (available in G107 Stone Building or on the Web at http://www.coe.fsu.edu)
2. Transcript of previous coursework and documentation of test scores (SAT/ACT, General Knowledge Test) and GPA
3. Three references:
   a. One from someone who taught you in either junior high school, high school, or college
   b. One from someone who observed you interacting with children
   c. One of your choice
4. Essay: your response to Teaching in a Changing World (one to two 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
EAE—Language Arts and English Education
MAE—Mathematics Education
RED—Reading Education
SCF—Science Education
SSE—Social Studies Education

Undergraduate Courses

EEC 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.
EEC 4301. Early Childhood Education Foundations (3). Introductory course to ECE primary education provides a background of ECE theory and research to be used for determining education practices.
EEC 4303. Expressive Arts for the Young Child (3). Prerequisite: Admittance to the ECE program. Corequisite: Block I undergraduate courses of the ECE program. This course examines the role and value of the arts for the child. It explores developmental trends, appropriate practices, methods, media, and curricula of art, dance, drama, movement and music.
EEC 4400. Parents as Teachers (3). Examination of the need and importance of parental involvement in the education of young children. Includes strategies for promoting home/school interactions.
EEC 4604. Techniques of Child Study and Authentic Assessment (3). Investigates and utilizes data collection techniques/instruments to acquire information about young children.
EEC 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.
EEC 4907r. Observation and Participation in Early Childhood Education (1–3). (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 to a maximum of twelve semester hours.
EEC 4930r. Special Topics in Early Childhood (2–3). Current topics in early childhood are studied in depth. May be repeated to a maximum of nine semester hours. May be repeated during the same semester.
EEC 4943. Student Teaching in Early Childhood Education (6–10). (S/U grade only.)
LAE 4314. Language Arts and Literature in the Elementary School (3). This course introduces fundamental concepts and questions about oral and written language as it relates to classroom instruction and assessment, and provides students with opportunities to practice strategies and techniques for planning, teaching, and assessing literacy. Covers a wide range of literature, as well as the writing process and concepts to develop extensive vocabulary, listening, viewing, and speaking. Children’s literature supports effective instructional planning and implementation for literacy development in a print/languages rich environment.
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 and EDF 2085. This course prepares pre-service teachers to teach beginning reading, targeting the needs of a wide range of learners, including those of varying abilities and from diverse cultures. The content addresses research-based strategies, materials, technology, assessment, classroom management, and collaboration with other professionals and parents.
RED 4510. Teaching Reading in the Elementary School (3). Prerequisites: Blocks I and II. Corequisite: Block III. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.
SCE 4310. Teaching Science in the Elementary School (3). Prerequisites: Blocks I and II. Corequisite: Block III. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.

Graduate Courses

EDG 5208. Foundations of Teaching (3).
EEC 5263. Thematic Curriculum and Direct Instruction for Young Children (3).
EEC 5289. Curriculum and Play for Young Children (3).
EEC 5299. Principles of Professional Conduct in Florida (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 5665. Historical and Theoretical Bases of Early Childhood Education (3).
ECE 5671. Research in Early Childhood Education (3).

ECE 5986r. Directed Individual Study (1–3). (S/U grade only.)

ECE 5991r. Supervised Research (1–5). (S/U grade only.)

ECE 5993r. Special Topics in Early Childhood Education (3).

ECE 5942r. Supervised Teaching (1–5). (S/U grade only.)

ECE 5944. Student Teaching in Early Childhood Education (6–10). (S/U grade only.)

ECE 5947. Field Laboratory Internship (1–8). (S/U grade only.)

ED 6516. Educational Environments for Infants and Toddlers (3).

ED 6672. Theory and Research in Young Children’s Play Curriculum (3).

EDG 6932. Doctoral Seminar in Early Childhood Education (2). (S/U grade only.)

EDG 5246. Moral Education (3).

For listings relating to graduate coursework for thesis, dissertation, and Master’s and doctoral examinations and defense, consult the Graduate Bulletin.

ELEMENTARY EDUCATION

Web Page: http://www.coe.fsu.edu/elementaryed

An undergraduate curriculum is offered leading to a Bachelor of Science (BS) degree in elementary education with English for Speakers of Other Languages (ESOL) and Reading endorsements preparing students to teach grades K through 6. The program is structured as four groups of courses (Fall and Spring) and one Summer class. Courses in elementary education are restricted to elementary education majors only. Prospective applicants who already have a bachelor’s degree in another major are encouraged to seek admission to the master’s degree program leading to certification in elementary education.

Admission Requirements

Elementary education is a limited access, limited enrollment program based on availability of faculty and space. New students are admitted for both the Fall and Spring semesters; students should work closely with an advisor to plan course completion of basic requirements around the appropriate timetable. Students planning to enter elementary education must: (1) complete the liberal studies requirements summarized in the "Undergraduate Degree Requirements" chapter of this General Bulletin; (2) complete the state of Florida common program prerequisites for elementary education majors described earlier in this section; (3) meet the requirements for admission into a teacher education program described in the “College of Education” chapter of this General Bulletin; (4) achieve a “C” or better in nine semester hours of college English and college math; and (5) make application to the program as follows.

Application Requirements

To be considered for admission into elementary education, students must submit an application and the following materials no later than March 1st of the Spring term preceding Fall admission and no later than October 1st of the Fall term preceding Spring admission. Applicants are selected on the basis of the following criteria: GPA, SAT/ACT, submission of passing scores on all parts of the General Knowledge exam, relevant experience, and professional promise.

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 FTCE GK exam if (GK results have not yet been received, a statement of when the exam was taken should be provided).

Required Major Courses

Each student preparing to teach elementary education must take EEC 4303; EDE 4316, 4907, 4943; EDF 4210; EGG 4410; EEX 4070, 4212; LAE 4314; MAE 4310, 4326; REM 4310, 4510, 4941; SGE 4310; SSE 4113; TSL 4080, 4081. These courses are restricted to formally admitted elementary education majors only and must be taken in sequence. 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. All courses with the exception of EEC 4303, EDF 4210, and EEX 4070 must be taken within the scheduled group of sequenced courses.

Student Teaching Alternatives

Five geographical areas of Florida have been designated as regions where students may complete their student teaching internship in School of Teacher Education-approved primary and secondary placements. These areas are subject to change and the school will provide a list of approved counties for student-teaching placement when applications for student teaching are submitted. The school 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 of 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.

Students must also show proof of health insurance and liability insurance each semester.

Professional Behaviors and Dispositions: While enrolled in the elementary education program, the student is expected to demonstrate behaviors and dispositions that conform to the "Code of Ethics" (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

Definition of Prefixes

CGS—Computer General Studies
EDE—Education: Elementary
EDG—Education: General
LAE—Language Arts and English Education
MAE—Mathematics Education
RED—Reading Education
SCE—Science Education
SSE—Social Studies Education
TSL—Teaching English as a Second Language

Undergraduate Courses


EDE 4316. Differentiating Reading Instruction (3). Prerequisite: RED 4310. Corequisites: EEX 4212 and RED 4510. This course covers research-based strategies, methods, materials, as well as federal and state mandates that address essential teaching components of the No Child Left Behind Act and of the Individuals with Disabilities Education Improvement Act. Topics include differentiating reading instruction, using instructional and curricular accommodations and flexible grouping, using assessment to inform instruction, as well as implementing tiers of intervention and response to intervention.

EDE 4905r. Directed Individual Study (1–3). May be repeated for a maximum of twelve semester hours.

EDE 4907r. Directed Field Experiences (1–3). (S/U grade only.) Corequisites: Semesters I, II, or III. Participation in a public school classroom with University supervision. May be repeated to a maximum of twelve semester hours to be taken in the following manner: at least one hour in Semester I, one hour in Semester II, and two hours in Semester III.

EDE 4943. Student Teaching in Elementary Education (10). (S/U grade only.) Prerequisites: Semesters I, II, and III. Corequisite: Semester IV.

EDE 4970r. Honors Work (3). Open to participants in the elementary education honors program. Up to twelve semester hours of honors work may be taken. Six thesis hours are required. Seminars are optional.
EDG 4410. Classroom Management and Legal Issues (3). Prerequisites: RED 4310, MAE 4326, TSL 4080. Corequisite: EDE 4907. This course is designed to provide specific knowledge and opportunities to apply in preparation for entering the education profession. Topics include classroom management, classroom routines, organizing for instruction, planning for instruction, effective communication, knowledge of legal and ethical responsibilities of teachers, and safe learning environments.

EME 4311. Technology and Learning for Elementary and Middle School (3). Prerequisite: EME 2040 or instructor permission. This course is designed to help pre-professional teachers use technology for the development of higher learning skills. Included in the technology content are animated graphics, scanned pictures, and linked files. Students work with students in schools to apply concepts from the class. Students acquire technology skills that allow them to develop electronic professional portfolios.


LAE 3414. Language Arts for the Elementary School (3). This course introduces fundamental concepts and questions about oral and written language as it relates to classroom instruction and opportunities, and provides students with opportunities to practice strategies and techniques for planning, teaching, and assessing literacy. Covers a wide range of literature, as well as the writing process and concepts to develop extensive vocabulary, listening, viewing, and speaking. Children’s literature supports effective Instructional planning and implementation for literacy development In a print/language rich environment.

MAE 4310. The Teaching of Elementary School Mathematics (3). Prerequisites: Semesters I and II. Corequisite: Semester III. Develops specific instructional techniques to maximize success in the child’s learning of mathematics.

MAE 4326. How Children Learn Mathematics (3). Prerequisite: Semester I. Corequisite: Semester II. This course focuses on children’s development of mathematical content and on the development of mathematics curriculum from children’s view points. Technology as a tool for learning mathematics is included in the course.

RED 4310. Early Literacy Learning (3). Prerequisites: EDF 1005 and EDF 2085. This course prepares pre-service teachers to teach beginning reading, targeting the needs of a wide range of learners, including those of varying abilities and from diverse cultures. The content addresses research-based strategies, materials, technology, assessment, classroom management, and collaboration with other professionals and parents.

RED 4510. Teaching Reading in the Elementary School (3). Prerequisites: Semesters I and II. Corequisite: Semester III. Methods and materials for teaching developmental reading based on holistic reading/language comprehension strategies and skill development.

RED 4941. Reading/ESOL Capstone Practicum (3). (S/U grade only.) Prerequisites: TSL 4080, TSL 4081, or instructor permission. This field experience provides students the opportunity to tutor children who are struggling readers and who are acquiring English as a second language. Students are under the supervision of an ESOL-endorsed teacher. This course is taken as the third field experience the semester prior to student teaching.

SCE 4310. Teaching Science in the Elementary School (3). Prerequisites: Semesters I and II. Corequisite: Semester III. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.

SCE 4310. The Topics and Teaching of Elementary School Mathematics (3). Prerequisite: RED 4310. This course provides an overview of the law related to the teaching of English learners and second language acquisition theory.

TSL 4080. Language Principles for Teachers (3). This course provides an overview of the law related to the teaching of English learners and second language acquisition theory.

TSL 4081. Teaching English Learners (3). Prerequisite: TSL 4080. This course focuses on the teaching of English learners and relates the techniques to second language acquisition theory addressed in the first ESOL course, Language Principles for Teachers.

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 5906r. Directed Individual Study (1–5). (S/U grade only.)
EDE 5910r. Supervised Research (1–5). (S/U grade only.)
EDE 5931r. Special Topics in Elementary and Middle School Education (3).
EDE 5940r. Supervised Teaching (1–5). (S/U grade only.)
EDE 6805. Perspectives of Teacher Professional Development (3).
EDE 6935r. Doctoral Seminar in Elementary Education (3). (S/U grade only.)
EDE 6937r. Advanced Research Seminar in Elementary Education (3). (S/U grade only.)
EDS 5356. Supervision of Associate Teaching (3). (S/U grade only.)
MAE 5318. The Topics and Teaching of Elementary School Mathematics (3).
MAE 5655. Computers in Mathematics Education (3).

SSE 5615. Problems in Teaching Elementary School Social Studies (3).

READ 5114. Elements of Reading (3).
READ 5201. Teaching Reading in Middle/Secondary Schools (3).

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 preservice teachers to developmental and corrective reading practices.

RED 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

Graduate Courses

LAE 5319. Teaching Oral and Written Expression in the Elementary School (3).
LAE 5349. Language and Literacy Development through Storytelling/Storywriting (3).
LAE 5415. Investigation in Children’s Literature (3).
LAE 5515. Language and Literacy Assessment (3).
LAE 5738. Linguistic Research in Language Education (3).
LAE 5931r. Special Topics in Elementary Language and Literature (1–3).
LAE 6746. Theory and Research in Language Education (3).
LIS 5566. Multicultural Literature and Information Resources for Children and Young Adults (3).
LIS 5567. International Literature for Children and Young Adults (3).
RED 5109. The Development and Assessment of Emergent Reading and Writing (3).
RED 5147. Foundations of Developmental Reading (3).
RED 5337. Supervision and Instruction in Secondary School Reading (3).
RED 5385. Teaching Reading to Adult 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 5695. Policy Issues in Reading (3).
RED 5744. Using Literacy Research to Inform Practice (3).
RED 5865. Leadership Practicum in Reading and Language Arts (3).
RED 5906r. Directed Individual Study (1–3).
RED 5911r. Supervised Research (1–5). (S/U grade only.)
RED 5945r. Supervised Teaching (1–5). (S/U grade only.)
RED 5947. Seminar and Practicum in Reading and Language Arts (3). (S/U grade only.)
RED 6747. Theory and Research in Reading (3).
RED 6938r. Doctoral Seminar in Reading and Language Arts (1–3). (S/U grade only.)

SPECIAL EDUCATION

Web Page: http://www.coe.fsu.edu/special-ed

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 Educator Preparation Programs.

Exceptional Student Education (Combined BS/MS Program)

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 exceptional student education for grades K though 12 with an ESOL endorsement and is NCATE approved.

This degree major is a three-year program that culminates in the Bachelor of Science (BS) and the Master of Science (MS) degree awarded simultane-
ously. Students must maintain a 3.0 grade point average (GPA) during the ju-
nior/senior years of study or earn a 1000 on the general aptitude section of the 
Graduate Record Examinations (GRE) in order to be admitted to the required 
graduate component of the three-year, combined program.

Note: Effective August 2011, the GRE Revised General Test replaced the GRE 
General Test. To learn more about this new test, go to http://www.ets.org/gre.

Visual Disabilities Education and Visual Disabilities Studies

The objective of the visual disabilities degree major is to prepare special-
ists to provide services to individuals who are either blind or have low vision. 
The Bachelor’s degree program prepares individuals as classroom teachers. 
Following graduation, students are employed in a variety of settings that offer 
services to children and youth with visual impairments. Visual Disabilities 
Education is the initial-certification major and culminates in a fifteen-week 
internship; Visual Disabilities Studies is a non-certification track intended 
for students planning to enter the Master’s program in Visual Disabilities and 
complete certification requirements at an advanced level.

Early Childhood Special Education Certificate Program

The Early Childhood Special Education (ECSE) Certificate Program is ap-
propriate for teachers, physical/occupational specialists, speech and language 
therapists, nurses, social workers, and other professionals involved in deliv-
ering 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 semester hours of 
coursework related to early childhood special education. Individuals may take 
the courses for the certificate as Master’s students in the education of students 
with exceptionalities (ESE) program, as students in a Bachelor’s or Master’s 
degree program in a related discipline, or as FSU non-degree seeking students 
with departmental permission. The Prekindergarten 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 certifi-
cate 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. 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 coordinat-
ed 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 non-degree 
seeking student, a Master’s degree-seeking student, or an advanced undergrad-
uate student seeking admission on senior privilege. In addition, a goal statement 
and an early childhood and family intervention certificate program application 
must be submitted online at http://www.coe.fsu.edu/Academic-Programs/
Departments/School-of-Teacher-Education-STE/Degree-Programs/Special-
Education/Special-Education-Graduate/Certificates/Early-Childhood-and-
Family-Intervention/ 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, 2208M 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 stu-
dents, and those enrolled as non-degree seeking students will be expected to 
maintain a 3.0 or higher grade point average in their coursework while en-
rolled in the certificate program. Bachelor’s students may include majors in 
early childhood/special education, early childhood education, child and fam-
ily development, family life specialist, communications sciences, psychology, 
social work, or other degree programs with comparable requirements for the 
discipline.

Eighteen semester hours comprise this certificate. Courses must be com-
pleted with an earned grade of at least a “B”. Students will be expected to 
complete the certificate program within a period of five academic calendar 
years from date of acceptance.

Continuation Requirement

All special education majors must earn a minimum grade of “C–,” “satis-
factory,” or “pass” in each required course.

Admission Requirements

1. New students are admitted to the Exceptional Student Education 
Program ONLY in the Fall semester; students should work closely 
with an adviser to plan completion of basic requirements around 
the Fall timetable. Program applications are available in G107 Stone or 
on the Web at http://www.coe.fsu.edu. Deadline for Fall consideration is 
March 1st of the preceding Spring term.

2. New students typically are admitted to the Visual Disabilities 
Program in the Fall semester, but admission in the Spring and 
Summer is possible with permission of an adviser. Students should 
work closely with Program faculty when considering admission. 
Program applications are available in G107 Stone or on the Web at 

3. A 2.5 GPA minimum during the freshman and sophomore years is 
required.

4. Previous experience with individuals with disabilities (for example, 
volunteer work) is helpful.

5. Students must interview with program faculty.

6. 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 
itiate 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 
student 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 any of the 
initial certification Special Education programs, the student is expected to dem-
strate behaviors and dispositions that conform to the “Code of Ethics” (State 
Board of Education Rule 6.B-1.001, FAC) and the “Principles of Professional 
Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The pro-
gram 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

EBD—Education: Emotional/Behavioral Disorders

EDF—Education: Foundations and Policy Studies

EEX—Education: Exceptional Child-Core Competencies

ELD—Education: Specific Learning Disabilities

EMR—Education: Mental Retardation

EVI—Education: Visually Impaired-Blind

IDS—Interdisciplinary Studies

MHS—Mental Health Services

Undergraduate Courses

EBD 4011. Introduction to the Socially and Emotionally Disturbed (3). This course 
is designed to introduce students to the history of providing services to emotionally 
handicapped children and youths as well as examine the evolving trends in the field. 
Additionally, theories of causality are investigated and approaches for improving aca-
demic and social behavior are analyzed.
EDF 2085. Teaching Diverse Populations (3). Students acquire an understanding of the complexity and diversity in the American and Florida populations in general and the schools that serve these communities. Special attention is given to the educational, social, and psychological aspects of mental disabilities.

EEX 3601. Applied Behavior Analysis for Special Educators (3). Corequisite: EEX 3831. Introduction to behavioral principles and procedures useful for managing the behavior of students with handicaps. For majors only.

EEX 3931. Practicum in Direct Observation (2). Corequisite: EEX 3601. This course employs direct observation and recording techniques for analysis of classroom management strategies.

EEX 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

EEX 4014. Introduction to Mental Disabilities (3). Designed to provide students with an overview of the basic knowledge pertinent to mental disabilities. Special attention is given to the educational, social, and psychological aspects of mental disabilities.

EEX 4050. Introduction to Learning and Behavior Disorders (3). This course examines the fields of learning and behavioral/emotional disorders from historical, theoretical, practical, and public school perspectives.

EEX 4070. Including 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 4201. Typical and Atypical Development and Learning (3). This course examines typical and atypical learning and development throughout the lifespan.

EEX 4212r. 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). Provides students with the opportunity to demonstrate effective use of diagnostic skills. For majors only.

EEX 4250. Individualized Reading Instruction for Students with Disabilities (3). This course reviews methods for teaching individuals with 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 4466. Differentiated Instruction for Students with Exceptionalities (3). This course is designed to provide future special education teachers with the knowledge and skills needed to meet the diverse learning needs of students found in today's general education classrooms.

EEX 4605. Classroom Management for Special Educators (3). This course provides class participants with the knowledge and skills to effectively manage the behavior of learners with disabilities. This course uses the classroom setting as a context organized around the Pyramid Model that includes three tiers of behavior management based on principles of positive behavior support: 1) Universal supports, 2) Prevention, and 3) Intervention.

EEX 4751. Collaboration with Families, Schools, and the Community (3). This course provides the knowledge and skills necessary for collaborating with families, other professionals, and community members.

EEX 4770. Study of Human Exceptionality (3). This course increases 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.

EVI 4344. Introduction to Specific Learning Disabilities (3). This course is designed to introduce the student to the changing field of learning disabilities with emphasis on the various theories that have shaped the field.

EMR 3460. Functional Reading, Academics, and Life Skills for Individuals with Mental Disabilities (3). This course is designed to prepare teachers to teach functional reading and related academic skills to individuals with mental disabilities.

EVI 1012. The Blindness Experience (3). In this course, students explore blindness, talk with people who are intimately familiar with blindness, and experience adventure under blindfold. Teachers explore society's reaction to blindness, probing its roots and taking a closer look at how views of blindness are shaped when experienced through the lenses of gender, race, class, religion, and ethnicity. Through blindfold experiences, students have the opportunity to learn about braille and the activities of daily life necessary for achieving independence. Through writing, students explore their own reactions and thoughts of blindness, and reflect on the many questions that arise from delving deeper into the blindness experience.

EVI 4011. Introduction to Visual Disabilities (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, EVI 4121, and EVI 4211. Students are prepared in this course to participate in the comprehensive assessment of individuals with visual impairments, including those students who support the multiple disabilities, by using formal and informal instruments and authentic assessment procedures appropriate to the population. Students will be prepared for their future consulting role as members of transdisciplinary assessment teams.

EVI 4211. Anatomy and Diseases of the Eye for Blindness Professionals (3). The purpose of this class 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 4212. Nemeth Code and Supporting Math Instruction for Students with Visual Impairments (3). Prerequisites: EVI 4011, EVI 4121, and EVI 4312. The purpose of this course is to enable students preparing to be teachers of blind school-age children to support the student's acquisition 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 structures, 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 information and techniques to enable them to understand how orientation and mobility (O/M) skills are used by visually impaired individuals and a realistic understanding of the problems inherent in the orientation and mobility experienced by visually impaired individuals. Stresses techniques for teaching O/M in indoor environments.

EVI 4230. Educational Management of Students with Visual Impairments (3). Prerequisites: EVI 4011, EVI 4121, and EVI 4312. 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 visual impairments are explored. 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 and EVI 4254. The purpose of this course is to provide participants with the knowledge and skills necessary to design and implement instructional experiences to support the development and experiences of children with visual impairments. Emphasis is placed on infusing 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). Prerequisite: EVI 4211. Designed to prepare teachers planning to be teachers of visually impaired students with visual impairments with the techniques and instructional tools to safely teach independent living skills, including the skills associated with food preparation, household management, personal grooming, clothing care, and health management.

EVI 4311. Teaching Reading and Writing to Students with Visual Impairments (3). Prerequisites: EVI 4011, EVI 4211, and EVI 4312. Teachers are educators with strategies and techniques necessary for determining the mode of reading and for teaching reading and writing skills to students with visual impairments.

EVI 4312. Academic Modifications in the Public School Class (3). Prerequisites: EVI 4011, EVI 4121, and EVI 4314. This course provides participating teachers with the knowledge and academic skills necessary to support students with disabilities in the core education environment. Students learn to adapt classroom materials, collaborate with general education personnel, and develop direct teaching strategies that enhance the optimum functioning of a learner with a visual impairment.

EVI 4314. 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 modify environments, and to teach the effective use of low vision devices.

EVI 4324. Assistive Technology for Students with Visual Impairments in the Schools (3). Prerequisite: EVI 4211. Corequisites: EVI 4314 or EVI 5316. This course prepares participants in the Visual Disabilities course of studies in the assessment and use of assistive technology for students with visual impairments.

EVI 4330. Teaching Students with Visual Impairments and Other Disabilities (3). This course introduces teachers to the techniques and strategies necessary for meeting the needs of students with visual impairments who have additional disabling conditions. An emphasis is placed upon working with students with mental disabilities who also have a visual impairment.
EVI 4940. Student Teaching in Visual Disabilities (12). (S/U grade only.) Prerequisite: EVI 4230. 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 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

MHS 4460r. Crisis Intervention Counseling: Theory and Practice (1–3). Training in basic helping skills for dealing with people in crisis situations, specifically telephone hotline training. May be repeated to a maximum of six semester hours.

Graduate Courses

EVD 5223. Advanced Study of Emotional Disturbance (3).
EVD 5232. Precision Teaching Methods for Emotional Disturbances (3).
EVD 5941. Practicum in Emotional Disturbance/Learning Disability (3).
EVE 5001. Typical and Atypical Early Development (3).
EVE 5087. Middle and Secondary Curriculum for Learners with Disabilities (3).
EVE 5090. Adaptations and Accommodations for Learners with Disabilities (3).
EVE 5225. Assessment of Students with Disabilities (3).
EVE 5234. Development and Assessment of Individuals with Severe Disabilities (3).
EVE 5235. Instructional Environments: Ethical, Legal, Safety, and Classroom Management Considerations (3).
EVE 5237. Methods for Teaching Students with Low Incidence Disabilities (3).
EVE 5239. Assessment and Methods in Early Childhood Special Education (3).
EVE 5246. Mathematics for Students with Disabilities (3).
EVE 5248. Positive Behavior Support (3).
EVE 5258. Advanced Reading Instruction for Students with Disabilities (3).
EVE 5259. Literacy for Learners with Disabilities (3).
EVE 5285r. Seminar in Transition (3).
EVE 5286. Preparing Individuals for Transition (3).
EVE 5298. Teaching Students with Autism (3).
EVE 5456. Program Development for Young Children with Disabilities (3).
EVE 5704. Early Childhood and Elementary Education Curriculum for Special Educators (3).
EVE 5708. Teams with Families, Schools and the Community (3).
EVE 5740. Cognitive and Social Implications of Maltreatment of Students with Exceptional Needs (3).
EVE 5765. Introduction to Special Education Technology (3).
EVE 5774. Collaborative Transition and Career Planning for Students with Severe or Profound Disabilities (3).
EVE 5836r. Practicum with Students with Autism Spectrum Disorder (1–3).
EVE 5841r. Field Laboratory Internship (1–12). (S/U grade only.)
EVE 5863r. Supervised Teaching (1–4). (S/U grade only.)
EVE 5906r. Directed Individual Study (1–3).
EVE 5911r. Supervised Research (1–4). (S/U grade only.)
EVE 5920. Pre-Student Teaching Seminar (1). (S/U grade only.)
EVE 5931r. Special Topics in Special Education (1–3).
EVE 5940r. Practicum in Early Childhood Special Education (3).
EVE 5943r. Practicum in Transition (3).
EVE 6301r. Seminar: Research Problems in Special Education (1). (S/U grade only.)
EVE 6341. Critical Review of Special Education Research (3).
EVE 6931r. Seminar in Early Childhood/Special Education (3).
EVE 6935r. Doctoral Seminar in Special Topics (1–3). (S/U grade only.)
ELD 5140. Advanced Study of Learning Disabilities (3).
EMR 5235. Teaching the Student with Profound Disabilities (3).
EMR 5803. Advanced Practicum in Mental Disabilities (3).
EVI 5019. Foundations of Rehabilitation Teaching of the Blind (3).
EVI 5131. Teaching Deaf-Blind/Multisensory Impaired Individuals (3).
EVI 5221. Applied Methods of Orientation and Mobility (3).
EVI 5222. Advanced Orientation and Mobility (3).
EVI 5226. Developmentally Appropriate Orientation and Mobility (3).
EVI 5227. Teaching Orientation and Mobility to Individuals with Unique Health Considerations (3).
EVI 5255. Methods of Independent Living of the Blind (3).
EVI 5315. Teaching Communication Skills to Visually Impaired Adults (3).
EVI 5316. Low Vision (3).
EVI 5318. Special Methods of Working with Preschoolers with Visual Impairments (3).
EVI 5319. Communication and Emergent Literacy for Young Children with Visual Impairments (3).
EVI 5325. Technology for Individuals with Visual Impairment (3).
EVI 5332. Social and Vocational Implications of Recreation and Leisure for Visually Impaired (3).
EVI 5346. Aging and Vision Loss (3).
EVI 5355. Issues of Blindness in Society (3).
EVI 5931r. Seminar in Visual Disabilities (3).
EVI 5942. Student Teaching in Visual Disabilities (12). (S/U grade only.)
EVI 5943. Practicum in Orientation and Mobility (2).
EVI 5944. Practicum with Students Who Are Deafblind (1–3).
EVI 5945r. Internship in Orientation and Mobility (3–12). (S/U grade only.)
EVI 5946r. Internship in Rehabilitation Teaching of Adults with Visual Disabilities (3). (S/U grade only.)
IDS 5347. Infant and Toddler Typical and Atypical Development (3).
IDS 5348. Family-Centered Early Intervention (3).
IDS 5349. Infant/Toddler and Family Assessment (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MIDDLE AND SECONDARY EDUCATION

Progression to Upper-Division Programs

All first-time-in-college (FTIC) freshmen with a University matriculation date of Summer 2008 or later may make application to upper-division Middle & Secondary Education programs upon completion of all minimum requirements being met. Applicants should submit a completed program application to the Office of Academic Services and Intern Support, 2301 Stone Building. Students affected by this policy are advised to work closely with an adviser to plan completion of Liberal Studies requirements and program prerequisites.

All applicants must have fulfilled the common program prerequisites, specific program prerequisites, and have satisfied all other criteria for admission to Teacher Education programs prior to their first semester in the program, including achievement of a passing score on the General Knowledge portion of the Florida Teacher Certification Examination. See the section entitled Planning Guide to Teacher Education Programs under the “College of Education” header in 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 all middle and secondary education programs except FSU-Teach satisfy this requirement by earning no less than a “C–” in EME 2040; FSU-Teach students will fulfill this requirement within the coursework required for graduation from the program.

State of Florida Common Program Prerequisites

The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists all the common program prerequisites or their substitutions necessary for admission into these upper-division degree programs:

The following programs are available through FSU-Teach. Please see information below.

• Biology Teacher Education (Program Suspended. See the “FSU-Teach” section)
• Chemistry Teacher Education (Program Suspended. See the “FSU-Teach” section)
• Earth/Space Teacher Education (Program Suspended. See the “FSU-Teach” section)
• Health Teacher Education (Program Suspended)
• Middle Grades Science Teacher Education (Program Suspended. See the “FSU-Teach” section)
• Middle School Mathematics Education (Program Suspended. See the “FSU-Teach” section)
• Physics Teacher Education (Program Suspended. See the “FSU-Teach” section)
• Secondary Mathematics Education (Program Suspended. See the “FSU-Teach” section)
English Teacher Education
1. EDF X005
2. EDF X085

Note: In addition to EDF X085, a minimum of six credit hours with an international or diversity focus is required. 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.

3. EME X040
4. SPC X600 or SPC X016 or SPC X608
5. ENG X101 or equivalent composition
6. ENG X102 or equivalent composition
7. LIT XXXX or AML XXXX or ENL XXXX

Social Sciences Teacher Education
1. EDF X005
2. EDF X085

Note: In addition to EDF X085, a minimum of six credit hours with an international or diversity focus is required. 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.

3. EME X040
4. AMH X010
5. AMH X020
6. POS X041
7. ECO XXXX or SOC XXXX or ANT XXXX or PSY XXXX or GEA XXXX

Limited Enrollment Programs
No student, transfer or otherwise, may be admitted to limited access, College of Education Teacher Preparation Programs without first completing the general education and specific program prerequisites. 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 listed above as “general program prerequisites” may be taken in fulfillment of the corresponding general education curriculum set by public postsecondary institutions in the State of Florida.

Programs
Note: The following courses are applicable to each of the major programs in middle and secondary education listed below.

Definition of Prefixes
EDF—Education: Foundations and Policy Studies
EDG—Education: General
EDM—Education: Middle School

Undergraduate Courses
EDF 2085. Teaching Diverse Populations (3). In this course students 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 participate in a field-based experience.
EDG 4321. Foundations of Teaching (3). This course is for students seeking certification who do not have an undergraduate degree in a teaching field. This course provides the essential elements needed to succeed in a classroom setting. It does not have critical tasks needed for initial certification. It is part of the Professional Training Option open to all students.
EDM 3001. Introduction to Middle School (3). This course is designed to give the student an introduction to the modern middle school. It includes the philosophy and practice of the ideal middle school. The development of the middle school is 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
Web Page: http://www.coe.fsu.edu/english-ed

Secondary English Education Undergraduate Program
The program in English education requires coursework in English, English education, teaching English as a second language, reading, and professional education. After meeting state of Florida common program prerequisites, students in English education must complete a minimum of twenty-one semester hours of English coursework. 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, 4332, 4863, 4360, 4941, 4942 (student teaching), RED 4335. Additional English education coursework 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 4080 and 4081. 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 student internship (LAE 4942), and must pass the General Knowledge portion prior to admission to the program.
Six 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 coursework before being admitted to student teaching. Students are encouraged to student teach in the local area (Florida), 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) have a “C+” or above in all courses required for the major; 2) maintain an overall ‘all college’ GPA of 2.5 or higher; and 3) Passing score on all required subtests of the Florida Teacher Certification Exam (The FTCE General Knowledge Test; The FTCE Professional Education Test, and the FTCE Subject Area Exam in English 6-12). For more information on these exams, go to the Florida Department of Education; and 4) approval by the English education faculty.
Students who fail to meet any one of these criteria will not be allowed to student teach.

Definition of Prefixes
LAE—Language Arts and English Education
RED—Reading Education
SSE—Social Studies Education
TSL—Teaching English as a Second Language

Undergraduate Courses
Note: English education majors also must complete coursework offered through the Department of English, the Educational Foundations Program, the Educational Psychology Program, and the Multilingual/Multicultural Education Program. Please see the department for details.
LAE 3331. Teaching Literature and Drama in High Schools (3). Prerequisite: Admission to English Education program. This course explores 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: Admission to English Education program. This course focuses on the attitudes, materials, and procedures for teaching written composition, language, and grammar; planning instruction and evaluating student writing.
LAE 4323. Teaching English in the Middle School (3). Prerequisites: LAE 3331 and LAE 3333. This course is a review of contemporary approaches to instruction in young adolescent literature, language, and language development, oral and written composition, corrective and developmental reading, and study skills. All English components are considered in the light of early adolescent learning characteristics.
LAE 4332. Applied English Linguistics for Teachers (3). Prerequisite: A minimum of six semester hours in composition and six semester hours in literature. This course is for prospective middle and high school teachers in contemporary approaches to English linguistics taught in Florida public secondary schools: grammar, usage, dialectology, diction (vocabulary development), semantics, and lexicography. Linguistic content is related to contemporary theories of learning.
LAE 4360. Classroom Management and Planning Instruction in Middle/High School English (3). Prerequisites: LAE 3331 and LAE 4323. This course is to be taken during the final semester of coursework, 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 4363. A Survey of British Literature for English Teachers (3). This course provides those seeking an undergraduate English-Education degree with the opportunity to develop an understanding of the scope of British literature. Participants explore historical, political, and social events that influenced the creation of literature from the Anglo-Saxon era to the present, post-modern period.
LAE 4384. A Survey of American Literature for English Teachers (3). This course is designed for secondary English teachers in need of developing content knowledge. The primary focus is on reading a variety of literary works suitable for teaching grades six through twelve.

LAE 4350. Reading Instruction for Teachers of Secondary English Language Arts (3). Prerequisites: Two from among LAE 3331, LAE 3333, and TSL 3330. In this course, participants gain experience and expertise in learning to assess, diagnose, and address the kinds of reading problems that young adolescents bring into their English language arts classes. Students learn how to interpret and draw upon theory, research, and best practices in order to find strategies and approaches that will improve adolescents’ critical reading skills and their attitudes toward reading.

LAE 4360. Using Technology in Teaching Language Arts (3). Prerequisite: EME 2040 or equivalent. This course is a survey of the areas 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, homepage, CD-ROM, and Hyperpaint.

LAE 4363. Enhancing Teaching Through Technology (3). Prerequisite: EME 2040 or equivalent. This course surveys the issues and uses of technology to improve the teaching and achievement of students in the classroom. Course includes the most current instructional technology methods available to teachers.

LAE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

LAE 4930. Special Topics in Teaching English (1–3). This course includes 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 semester hours.

LAE 4941. Methods and Observation/Participation in Middle/Secondary English (3). Prerequisites: LAE 3331 and LAE 4323; Corequisite: LAE 4360. This course is to be taken during the final semester of coursework, with LAE 4360. This field study course offers a series of observation and participation activities designed to provide the English education undergraduate with pre-student 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). Prerequisites: LAE 3331 and LAE 3333. This course introduces pre-service teachers to the role of literacy in the content areas. Students develop the knowledge, skills, and attitudes needed to meet the literacy needs of students. This course is required for all teacher education majors, with the exception of English education majors.

TSL 4080. Language Principles for Teachers (3). This course provides an overview of the law related to the teaching of English learners and second language acquisition theory.

TSL 4081. Teaching English Learners (3). Prerequisite: TSL 4080. This course focuses on the teaching of English learners and relates the techniques to second language acquisition theory addressed in the first ESOL course, Language Principles for Teachers.

Graduate Courses (Core Courses)

LAE 5064. Reader Response to Literature: Research and Practice (3).

LAE 5297r. Teachers as Writers (3-6).

LAE 5347r. Teaching Writing, PK-16 (3-6).

LAE 5384. A Survey of British Literature for English Teachers (3).

LAE 5388r. Classroom Management and Methods of Planning and Instruction in Secondary English (3-6).

LAE 5386r. A Survey of American Literature for English Teachers (3).


LAE 5748r. Teacher Action Research: Studies in Teaching Writing I (3-6).

LAE 5749r. Teacher Action Research: Studies in Teaching Writing II (3-6).

LAE 5867. Enhancing Teaching Through Technology (3).

LAE 5900r. Directed Individual Study (1–3). (S/U grade only.)

LAE 5915r. Supervised Research (1–4). (S/U grade only.)

LAE 5932r. Special Topics in English Education (1–3).

LAE 5940r. Field Laboratory Internship (1–8). (S/U grade only.)

LAE 5945r. Supervised Teaching (1–4). (S/U grade only.)

RED 5337. Supervision and Instruction in Secondary School Reading (3).

SSE 5382. Seminar in Global and Multicultural Education (3).

For listings relating to graduate coursework for thesis, dissertation, and Master’s and doctoral examinations and defense, consult the Graduate Bulletin.

FSU-TEACH PROGRAM IN SECONDARY SCIENCE OR MATHEMATICS TEACHING (SSMT)

COLLEGE OF ARTS AND SCIENCES IN COLLABORATION WITH THE COLLEGE OF EDUCATION

Web Page: http://www.fsu-teach.fsu.edu/

Co-Directors: Dr. Sherry Southerland (College of Education), Dr. Ellen Granger (College of Arts & Sciences); Associate Director: Dr. Robin Smith; Core Faculty: Clark, Granger, Harper, Sampson, Smith, Southerland; Master Teachers: Chaffin, Dyr, Kelso, Rose.

Jointly developed by the College of Arts & Sciences and the College of Education, the FSU-Teach program offers a fully-integrated undergraduate curriculum with concentration areas in middle and secondary science or mathematics education. The FSU-Teach program is coordinated by Dr. Ellen Granger in the College of Arts & Sciences and Dr. Sherry Southerland of the College of Education; contact Dr. Granger at granger@bio.fsu.edu or Dr. Southerland at southerland@fsu.edu for further details.

The program is a double-major only curriculum requiring students to complete a primary major in one of the sciences (biology, chemical science, geosciences, or physical science) or in mathematics in addition to a secondary major in Secondary Science or Mathematics Teaching (SSMT). Each of the discipline areas has special tracks for FSU-Teach students enabling them to complete both of their majors in four years (120 hours). Students may begin taking courses in the program as soon as they matriculate at FSU. Students are expected to meet the requirements for provisional acceptance to the program during the semester of enrollment in the Knowing and Learning course. Once certified to upper-division status by the College of Arts & Sciences, students in the FSU-Teach content-area majors with cumulative GPAs of 2.5 or better and a passing score on all four sections of the General Knowledge portion of the Florida Teacher Certification Exam must submit an application for formal admission to teacher education and the required second major (SSMT). At formal admission, students will have completed or achieved: SMT 1043 and SMT 1053 methods courses, the common-course prerequisites for the respective content-area major, and a passing score on all four sections of the General Knowledge portion of the Florida Teacher Certification Exam. Note that FSU-Teach majors are exempt from the statewide pre-exam common courses EDF X005, EDF X701, and EME X040 and may be admitted in any semester of the academic year. The program is structured to allow matriculation at multiple entry points for students at different stages of their undergraduate enrollments (freshman through senior). The program encourages all students with qualifying science or mathematics coursework to explore teaching by taking the SMT 1043 and SMT 1053 methods courses in-state tuition-free. FSU-Teach majors will apply for provisional acceptance to the program after completing the first two prerequisite courses SMT 1043 and SMT 1053. Application for formal admission to teacher education will be completed during the second semester of the junior year at the earliest. Although students are urged to complete their formal admission to teacher education and the SSMT major as soon as possible upon being certified for upper-division status, they must be admitted to teacher education and the major prior to final term apprenticeship (student teaching). Application for student teaching is submitted upon achievement of passing scores on the appropriate Subject Area exam and Professional Education portion of the Florida Teacher Certification Exam.

Graduation from the FSU-Teach program requires successful completion of a semester-long internship in a Florida public school, completion of both sets of coursework requirements for the double-major curriculum, achievement of passing scores on the appropriate Subject Area exam and Professional Education portion of the Florida Teacher Certification Exam, and retention of a cumulative GPA of 2.5 or better in both majors.

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 FSU-Teach/applied geosciences satisfy this requirement by earning no less than a “C-” in ISC 3523C. Undergraduate majors in FSU-Teach/biology satisfy this requirement by earning no less than a “C-” in BSC 2010L or ISC 3523C. Undergraduate majors in FSU-Teach/chemical sciences satisfy this requirement by earning no less than a “C-” in CHM 3120L or ISC 3523C. Undergraduate majors in FSU-Teach/mathematics satisfy this requirement by earning no less than a “C-” in COP 3014 or ISC 3313. Undergraduate majors in FSU-Teach/physical science satisfy this requirement by earning no less than a “C-” in COP 3014, ISC 3313, or PHZ 4151C.

State of Florida Common Program Prerequisites

The state of Florida has identified common program prerequisites for the following University degree programs. Specific prerequisites are required for admission into the upper-division programs and must be completed by the stu-
dent 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into these upper-division degree programs:

**FSU-Teach Applied Geosciences**
1. MAC X311
2. MAC X312
3. PHY X048/X048L and PHY X049C/X049L, or PHY X048C and PHY X049C
4. CHM X045/X045L and CHM X046/X046L, or CHM X045C and CHM X046C
5. SMT X043
6. SMT X053

**Note:** Transfer students will be able to take SMT X043 and SMT X053 while enrolled in upper division.

**FSU-Teach Biology**
1. BSC X010/X010L or BSC X010C or BSC X040/X040L or PCB X011C
2. BSC X011/X011L or BSC X011C or BSC X041/X041L
3. CHM X045/X045L or CHM X045C, or CHM X040 and CHM X041
4. CHM X046/X046L or CHM X046C
5. CHM X210/X210L and CHM X211/X211L, or CHM X210C and CHM X211C, or PHY X053/X053L and PHY X054/X054L, or PHY X048/X048L and PHY X049/X049L
6. MAC X311 or MAC X233 or MAC X253 or MAC X281 or MAC X241
7. MAC X312 or MAC X282 or MAC X234 or STA X023 or STA X024 or STA X321
8. SMT X043
9. SMT X053

**Note:** Transfer students will be able to take SMT X043 and SMT X053 while enrolled in upper division.

**FSU-Teach Chemical Science**
1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C
2. CHM X406/X406L or CHM X046L or CHM X046C
3. CHM X210/X210L and CHM X211/X211L, or CHM X210C and CHM X211C
4. MAC X311 or MAC X281
5. SMT X043
6. SMT X053

**Note:** Transfer students will be able to take SMT X043 and SMT X053 while enrolled in upper division.

**FSU-Teach Mathematics**
1. COP XXXX: one scientific programming course for three credit hours designed for computer science majors
2. MAC X311
3. MAC X312
4. MAC X313
5. BSC XXXX/XXXXL or CHM XXXX/XXXXL or PHY XXXX/ XXXXL or GLY XXXX/XXXXXL: one laboratory based science course for four credit hours designed for science majors
6. MAP X302
7. SMT X043
8. SMT X053

**Note:** A “C” grade or better in all coursework is required for admission. Transfer students will be able to take SMT X043 and SMT X053 when admitted to upper division.

**FSU-Teach Physical Science**
1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C
2. CHM X046/X046L or CHM X046C
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. MAC X313 or MAC X283
6. PHY X048C and PHY X049C, or PHY X048/X048L and PHY X049/ X049L
7. MAC X312
8. SMT X043
9. SMT X053

**Note:** Transfer students will be able to take SMT X043 and SMT X053 while enrolled in upper division. MAC X312 is a corequisite for PHY X049C.

**Definition of Prefixes**

**SMT—Science or Mathematics Teaching**

**Undergraduate Courses**

**SMT 1043.** Step 1: Inquiry Approaches to Teaching (1). This course allows students to explore teaching as a career with in-state tuition paid. Following an introduction to the theory and practice behind excellent inquiry-based mathematics and science instruction, students teach lessons in pairs to obtain firsthand experience in planning and implementation.

**SMT 1053.** Step 2: Inquiry-Based Lesson Design in Science/Mathematics (1). Prerequisite: SMT 1043. In this course, students continue developing the lesson-plan skills learned in SMT 1043 as they become familiar with exemplary middle-school science curricula. After observing a lesson being taught in a local school-district classroom, students work alone or in pairs to plan and teach three inquiry-based lessons to sixth, seventh, or eighth graders. Paid with in-state tuition.

**SMT 3100.** Knowing and Learning in Science and Mathematics (FSU-Teach) (3). Prerequisites: SMT 1043 and SMT 1053, or permission of instructor. This course focuses on knowing and learning in secondary science and mathematics as understood from a multidisciplinary perspective. The primary goal of this course is not simply to offer a general survey of theories of scientific and mathematical knowing and learning, but also to provide students with the opportunity to identify theories of knowing and learning and to employ these theories in their own practice of science and mathematics teaching.

**SMT 4301.** Classroom Interactions (FSU-Teach) (3). Prerequisites: SMT 1043, SMT 1053, and SMT 3100. This course explores the role of content, pedagogy, curriculum, and technology in promoting learning and impacting equity. Topics cover diversity, equity, and classroom learning opportunities as well as assessment methods for understanding student learning. FSU-Teach students teach a multi-day lesson with a peer, in a secondary-school setting.

**SMT 4664.** Project Based Instruction (FSU-Teach) (3). Prerequisites: SMT 1043, SMT 1053, and SMT 3100. Corequisite: Successful completion or current enrollment in SMT 4301. This course integrates the major themes in the FSU-Teach program: infusion of technology in representation, analysis, modeling, assessment, and contextualization of the content; field-based experiences; as well as equity in an intellectually challenging culminating experience before students start teaching. Students must complete this course prior to enrolling in the Apprentice Teaching course (to be offered in the near future) of the FSU-Teach program.

**SMT 4930.** Apprentice Teaching Seminar (FSU-Teach) (1-4). (S/U grade only.) Prerequisites: SMT 1043, SMT 1053, SMT 3100, and SMT 4301. Corequisite: SMT 4945. FSU-Teach students enrolled in the five hour SMT 4945 must take this corequisite, variable credit seminar. Teacher candidates meet as a seminar group for weekly 90-minute sessions during the semester. The seminar objectives and course activities serve to support the Apprentice Teaching coursework and are repeated here.

**SMT 4945.** Apprentice Teaching (FSU-Teach) (5). (S/U grade only.) Prerequisites: SMT 1043, SMT 1053, SMT 3100, and SMT 4301. Corequisite: SMT 4930. This course allows students to participate in teaching science and/or mathematics in secondary schools as their capstone field experience for the FSU-Teach (SSMT) major in the sciences and mathematics. The focus of this capstone experience is the synthesis and translation of the content and pedagogical knowledge learned in the program to the secondary classroom. This course contains signature assessments that must be successfully completed in order to earn an Institutional Recommendation for certification.

**HEALTH EDUCATION**

New admissions to this program have been suspended at all degree levels; no applications will be accepted.

**Definition of Prefix**

**HSC—Health Sciences**

**Undergraduate Courses**

HSC 2100. Health Implications of our Changing Culture (3). Contemporary health problems arising from changing living patterns, morals, values, and environment.

HSC 3120. Consumer Health (3). Demonstrate appropriate decision-making skills and other life skills as applied to the purchasing of health goods and services.
HSC 3312. Problems in Health Education (3). Prerequisite: HSC 4200. Analyzes and applies the appropriate individual and group health educators/health promotion teaching/learning interventions.

HSC 3313. Strategies for Effective Health Education Program Development (3). Prerequisite: HSC 4200. Corequisite: HSC 3312. Participate in a variety of techniques useful in educational settings to analyze, plan, implement, and evaluate health education methodologies and strategies for a school setting.

HSC 3949r. Cooperative Education Work Experience (0). (S/U grade only.)


HSC 4201. Introduction to Community Health (3). Philosophy and practice of public and community health including economic, sociological, and legal justifications.

HSC 4300. School Health Methods/Strategies (4). Prerequisites: HSC 3312 and HSC 3313. Health instruction, services, and environment are presented and problems/issues of practicing health educators, K–12, are discussed.

HSC 4814r. Community Health Education Field Experience (5–15). (S/U grade only.) Application of theoretical knowledge and strategies to the development of health education skills in a community health setting. May be repeated to a maximum of fifteen semester hours.

HSC 4870r. Student Teaching in Health Education (1–15). (S/U grade only.) Prerequisite: HSC 4300. Application of school health education theory to the practice under the direct supervision of a school health educator. May be repeated to a maximum of fifteen semester hours.

HSC 4906r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

HSC 4935r. Selected Special Topics in Health Education (3). An analysis of selected topics related to health education. May be repeated to a maximum of six semester hours when topics vary in content and area.

Graduate Courses

HSC 5006. Foundations of Health Promotions (3).

HSC 5142. Health/Drug Education/Promotion Strategies in Schools (3).

HSC 5815r. Supervised Community Health Education Field Experience (1–12). (S/U grade only.)

HSC 5875r. Supervised Teaching (1–4). (S/U grade only.)

HSC 5908r. Directed Individual Study (1–3).

HSC 5915r. Supervised Research (1–4). (S/U grade only.)

HSC 5933r. Selected Special Topics in Health Education (3).

MATHEMATICS EDUCATION

Web Page: http://www.coe.fsu.edu/Academic-Programs/Departments/School-of-Teacher-Education-STE/Degree-Programs/Mathematics-Education

New admissions to this program have been suspended; no applications will be accepted. Students with an interest in teaching mathematics at the middle or secondary levels should pursue the FSU-Teach program track.

Definition of Prefix

MAE—Mathematics Education

Undergraduate Courses

MAE 4320. Teaching Mathematics in the Middle School (3). Prerequisites: MAC 2311, MAE 4816, or instructor permission. 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 4330. How Adolescents Learn Mathematics (3). Prerequisite: MAC 2311. This course examines the following topics: foundation in adolescents’ learning of mathematics; theories of learning in mathematics; the nature of mathematics; and learning-mathematical processes (problem solving, reasoning, representation, communication, and connections). It also analyzes middle and high school mathematics curricula from the perspective of adolescent learning.

MAE 4335. Teaching High School Mathematics (3). Prerequisites: MAC 2311 and MAC 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 4567. Using Technology in the Teaching of Mathematics (3). Prerequisite: EME 2040. This course explores the uses of various technologies in mathematics classes, demonstrated through hands-on activities and experiences.

MAE 4862. Using History in the Teaching of Mathematics (3). The course examines the historical origins and 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 semester hours.

MAE 4940. Classroom Management and Planning Instruction in Middle/High School Mathematics (4). Prerequisites: EDF 4430, MAC 2311, MAE 4330, MAE 4816, or instructor permission. This course provides 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 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 5358. 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 5908r. 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 coursework for thesis, dissertation, and Master’s and doctoral examinations and defense, consult the Graduate Bulletin.

FOREIGN AND SECOND LANGUAGE TEACHING


New admissions to this program are suspended at the baccalaureate level; no applications will be accepted.

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.) Practice and training in speaking current American English appropriate for university classrooms, development of cultural and interpersonal language skills necessary for performing duties as a teaching assistant. May be repeated to a maximum of twelve semester hours.

EAP 4831r. Advanced Spoken English for International Teaching Assistants (1–2). (S/U grade only.) Development of speaking and language skills necessary for instruction in a university classroom. Emphasizes content-specific varieties of American English; practice in conversational management required for instruction. May be repeated to a maximum of eight semester hours.

EAP 4832r. Advanced Pronunciation for International Teaching Assistants (1–3). (S/U grade only.) Development of pronunciation skills through practice in a variety of common conversational and classroom situations.

FLE 4832r. Directed Individual Study (1–3). (S/U grade only.) Typically emphasizes classroom observation, self-monitoring techniques, and specialized training. May be repeated to a maximum of twelve semester hours.

FLE 3033. Introduction to Teaching Foreign/Second Languages (4). This course is designed to meet the needs of those teaching second languages abroad and pre-service teachers in K–12 foreign/second language education by developing an understanding of current theories of second language learning through exploration of relevant research. Opportunities are provided for students to use the theoretical base in the design of classroom lessons.

FLE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.
Prerequisites: TSL 4080. This course focuses on the teaching of English learners and relates the techniques to second language acquisition. The course provides an introduction to the teaching of students with limited English proficiency. It is the first course in a pair of ESOL courses to be taken by all English education majors and it satisfies the requirements for ESOL endorsement in the state of Florida.

TSL 4080. Language Principles for Teachers (3). This course provides an overview of the nature of science and science technology (3).

TSL 4144. Foreign/Second Language Curriculum and Materials (3). This course allows students to review language learning stages and contemporary curricular designs that permit to teaching second外语 languages. Students learn to analyze existing curricula, materials, technology, and participate in the process of developing original units and materials.

TSL 4251. Applied Linguistics for Second Language Learning (3). This course is designed for pre-service teachers in the elementary, early childhood, and English education programs who will teach limited English proficient and other linguistic minority students pre-K-12.

TSL 4324. ESOL Instruction in the Content Area (3). Prerequisite: TSL 4080. This course focuses on the teaching of English learners and relates the techniques to second language acquisition theory addressed in the first ESOL course, Language Principles for Teachers.

TSL 4331. Language Principles and Acquisition (4). Prerequisites: TSL 3330 as well as admittance to the College of Education and into the Secondary English Education program. This course synthesizes and reinforces concepts and theories related to the teaching of students with limited English proficiency. This is the second course in a pair of ESOL courses that are taken by all English education majors and satisfies the requirements for ESOL endorsement in the state of Florida.

TSL 4441. Second Language Testing and Evaluation (3). Prerequisites: EDF 1005, EDF 2085, EME 2040, and admittance to the Secondary English-Education program. This course is designed to acquaint students with principles of second language assessment and standardized testing, to inform them of general principles of second language test construction and administration, including traditional and nontraditional assessments, and to provide practical experiences in preparing valid items and analyzing test data.

TSL 4520. Crosscultural Communication for Foreign/Second Language Teachers (3). This course provides teacher candidates with information related to crosscultural communication to prepare them to work with linguistically and culturally diverse learners in K-12 settings. Students explore the relationships between language and culture and focus on methods for fostering understanding between different cultural and subcultural groups.

TSL 4941. Practicum in Multilingual/Multicultural Education (4). Prerequisites: FLE 3033 and acceptable oral-proficiency interview score. Practical techniques for classroom instructional groups of second-language skills; teaching intermediate and advanced levels; use and construction of foreign language tests; techniques of planning, classroom management, ethics, and school law.

TSL 4942. Associate Teaching in a Foreign Language (10). (S/U grade only.) Prerequisites: FLE 3033, FLE 4941, and passing score on the Florida Teacher Certification Examination.

TSL 4945. Associate Teaching in English as a Second Language (2-10). (S/U grade only.) May be repeated to a maximum of ten semester hours.

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 5918r. Supervised Research (1–14). (S/U grade only.)

LIN 5706. Psycholinguistic Perspectives on Language Acquisition and Development (3).

LIN 5908r. Directed Individual Study (3). (S/U grade only.)

LIN 5918r. Supervised Research (1–5). (S/U grade only.)

LIN 5932r. Topics in Linguistics (3).

TSL 5005. Methodologies for Teaching Foreign and Second Languages (4).


TSL 5250. Applied Linguistics in Foreign/Second Language Teaching (3).

TSL 5252. ESOL (English to Speakers of Other Languages) Instruction in the Content Area (3).

TSL 5377. Reading in Foreign Language Instruction (3).


TSL 5525. Crosscultural Communication for Foreign/Second Language Teachers (3).

TSL 5640. Seminar: Research in Second Language Learning and Teaching (3).

TSL 5908r. Directed Individualized Study (1–3). (S/U grade only.)

TSL 5918r. Supervised Research (1–4). (S/U grade only.)

TSL 5930r. Seminar: Current Issues in TSL (1–3).
SCE 5942r. Internship for Graduate Students (1–10). (S/U grade only.)
SCE 5943r. Field Laboratory Internship (1–8). (S/U grade only.)
SCE 5945r. Initial Practicum in the Teaching and Learning of Science (3).
SCE 5946r. Supervised Teaching (1–4). (S/U grade only.)
SCE 5947r. Final Practicum in the Teaching and Learning of Science (3).
SCE 5949r. Field Lab Internship (1-3)
SCE 5954r. Portfolio Defense (0). (P/F grade only.)
SCE 5973r. Special in Education Thesis (1–6). (S/U grade only.)
SCE 6345r. Teaching and Learning Science (3).
SCE 6351r. Curriculum Design in Science (3).
SCE 6395r. Science Teacher Education (3).
SCE 6761r. Research, Recent Developments, and Current Issues in Science Education (3–5).
SCE 6922r. Colloquium in Science Education (1). (S/U grade only.)
SCE 6938r. Advanced Seminar in Science Education (2).

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 professional 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 overall GPA and passing all sections of the FTCE 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 semester hours as follows: six semester hours of economics, six semester hours of geography, three semester hours of psychology or sociology, six semester hours of American government, six semester hours of American history, six semester hours of world history, three semester hours of public speaking at the 2000 level, one three semester hour 3000/4000 course (must be a non-American, non-European history or social science course), and nine 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 semester hours may include courses in history and social science taken for liberal studies and those taken to meet the state of Florida common program prerequisites for admission to the upper division major.

Professional education requirements and prerequisites for student teaching are: EDF 4430, 4210, RED 4335, TSL 4324, SSE 4362, 4664, and 4940. Students may not use for their field of concentration any course in which they receive a grade below “C”. Prior to admission to student teaching, students must achieve an overall GPA of 2.5 or higher and earn a grade of “C” or better in each of the 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 coursework applied toward a graduate degree. In meeting requirements for certification, these students should enroll in graduate-level professional courses.

In addition to the minimum standards for entrance and exit of a Teacher Preparation Program specified under the “College of Education” heading in this General Bulletin, the social science education program requires that students meet the following criteria for admission and conferral of the Baccalaureate degree: (1) only degree-seeking students will be admitted to the social science certification program, which is an integral part of the degree requirements; (2) successful progression to internship requires that students pass the Content (Social Studies 6–12), Professional, and General Knowledge sections of the Florida Teacher Certification Examination; and (3) in the interest of effective supervision, student teachers will, of necessity, be placed in clusters within designated school systems in Florida. There can be no assurance given that students will be placed in counties based on personal preference or convenience. A signed student teaching location preference form is required.

Definition of Prefixes

EDF—Education: Foundations and Policy Studies
EDG—Education: General
SSE—Social Science Education

Undergraduate Courses

SSE 3321. Teaching History in the Middle and Secondary School (3). Prerequisites: AMH 2010 or AMH 2020, EUH 2000, and WOH 1023 or WOH 1030. This course examines methodological approaches to the teaching of United States and world history. Students explore the chronological and thematic organization of history courses, primary sources, and narrative in the teaching of history. A focus is on the development of historical cognition.

SSE 4194. Developing a Global Perspective (3). The course examines theory and practice in global education and the integration of global perspectives into curriculum and pedagogy in social-sciences and social-studies education. The course evaluates major issues and controversies embedded in the field, and enables students to critique scholarship, analyze controversies, and propose ideas for integrating global perspectives in within the same term to a maximum of three semester hours.

SCE 4362. Fundamentals in Teaching Social Studies (3). Corequisites: SSE 4364 and SSE 4664. This course explores rationale for social studies instruction and an examination of traditional social science instructional methods.

SCE 4364. Skill Development in Social Studies (3). Corequisites: SSE 4362 and SSE 4664. This course emphasizes strategies in dealing with reading and writing problems.

SCE 4390. Teaching Global Issues Simulating the United Nations (3). This course simulates the United Nations as students examine prevalent historical, political, and socio-economic global issues permeating the United States and other nations. Students critically analyze textual materials, long-range effects of deeply-embedded issues on the human condition worldwide, and use new knowledge and understanding learned to develop lesson plans appropriate to national and state standards. In simulating the U.N. General Assembly, students develop an understanding of cross-cultural communication, negotiations, compromise, and practices, along with learning about the philosophy, history, and purpose of the United Nations.

SCE 4664. Inquiry in Teaching Social Studies (3). Corequisites: SSE 4362 and SSE 4664. This course provides theory and practice in discovery, problem solving, and inquiry teaching of social science.

SCE 4904. Directed Independent Study (1–3). (S/U grade only.) This course allows students to study individually, under the direction of a faculty member. Topics vary and are usually selected on an individual basis. Hours may vary.

SCE 4931r. Special Topics (1–3). This course offers topics of current or special interest to students and instructors. Topics may vary from semester to semester. May be repeated for credit within the same term to a maximum of three semester hours.

SCE 4940r. Field Study in Social Education (1–3). (S/U grade only.) A participant observation field study course in an education setting to be arranged with the instructor. May be repeated to a maximum of three semester hours.

SCE 4944. Student Teaching in Social Science Education (15). (S/U grade only.) Prerequisites: SSE 4362, SSE 4364, and SSE 4664. A fifteen-week, off-campus student-teaching experience in Florida schools, supervised by University faculty in social science education.

Graduate Courses

EDF 5885. Education in the Arab World (3).
EDF 5887. Multicultural Education (3).
EDF 5892r. The Design of National Curricula in Developing Countries (3).
EDF 5920r. Colloquium: Bilingual/Bicultural Education (1).
EDF 5921r. Special Language and Culture Colloquium (2).
EDG 5073. Foundations of Blended and Online Learning and Teaching K-12 (3).
EDG 5074. Pedagogy of Blended and Online Learning and Teaching K-12 (3).
EDG 5075. Technologies for Blended and Online Learning and Teaching K-12 (3).
EDG 5076. Issues, Trends, and Practices in Blended and Online Learning and Teaching K-12 (3).
EDG 5206. Teachers and Curriculum Development (3).
EDG 6221. Curriculum Theory (3).
SSE 5144. Models of Teaching Social Studies (3).
SSE 5195. Developing a Global Perspective (3).
SSE 5347r. Seminar: Contemporary Public Affairs and Trends for Teachers (3).
SSE 5365r. Problems of Teaching Social Studies in Secondary School and Junior College (1–3).
SSE 5366. Skill Development in Social Studies (3).
SSE 5367. Fundamentals in Teaching Social Studies (3).
SSE 5386. Goals and Methods for the Teaching of History (3).
SSE 5665. Inquiry in Teaching Social Studies (3).
SSE 5675. Seminar in Civic Education (3).
SSE 5976. The Effects of Globalization on Economy, Culture, and Geopolitics (3).
SSE 5907r. Directed Individual Study (1–3). (S/U grade only.)
SSE 5915r. Supervised Research (1–4). (S/U grade only.)
SSE 5937r. Special Topics in Social Science Education (3).
SSE 5943. Field Laboratory Internship (1–8). (S/U grade only.)
SSE 5915r. Supervised Research (1–4). (S/U grade only.)
SSE 5907r. Directed Individual Study (1–3). (S/U grade only.)
SSE 5946r. Supervised Teaching (1–4). (S/U grade only.)
SSE 5937r. Special Topics in Social Science Education (3).
SSE 6931. Doctoral Seminar in Social Science Education Research (3).
SSE 6933. Seminar: History of Social Studies/Social Science Education (3).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

The School of Theatre is a fully accredited member of the National Association of Schools of Theatre, and its degree requirements are in accordance with the latest published regulations of that association. The School of Theatre offers degrees and coursework at both undergraduate and graduate levels. To major in theatre, a student must meet with an academic adviser in theatre. All programs require either an audition, interview, or application. The Bachelor of Arts (BA) is a flexible, broad-based liberal arts degree, providing a basic knowledge of, and experience in, theatre arts. The Bachelor of Fine Arts (BFA) offers an intensive program of training in acting or musical theatre. The Master of Arts/Master of Science (MA/MS) degrees offer a blend of academic courses and production training on an advanced level. The Master of Fine Arts (MFA) degree provides training to achieve professional-level competencies in directing, acting, costume 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 ART 1602C, CGS 2060, CGS 2100, EME 2040, ISC 3313, or MUS 2360.

State of Florida Common Program Prerequisites
The state of Florida has identified common program 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/florida/facts/Home_Page/College_Students/Transferring/Common_Prerequisite_Manual for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions necessary for admission into this upper-division degree program:
1. THE X000 or any three credit hour course from THE X001-X035
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. THE XXXX or TPA XXXX or TPP XXXX
8. THE XXXX or TPA XXXX or TPP XXXX
9. THE XXXX or TPA XXXX or TPP XXXX

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 credit, S/U course. Students must attend all school meetings, required plays, 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 technical practices 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 semester hours of coursework must be taken outside of the major, in addition to liberal studies. Hours taken to satisfy the Bachelor of Arts (BA) foreign language requirement and the multicultural requirement (if not part of either the major requirements or liberal studies) may be part of those 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 semester hours of coursework 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 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 theatre 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 possible that a successful course of study will take longer, since graduation depends as much on demonstrated proficiency as on credit hours. Complete details regarding auditions can be found at http://theatre.fsu.edu

Common Curriculum

Beyond the liberal studies requirements, BFA students are required to complete approximately seventy-four to eighty-six 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 in the School of Theatre for complete degree requirements.

Concentration in Acting

Students with a concentration in acting must complete TPA 2248; TTP 2110, 2111, 2190L, 3510, 3511, 3710, 3711, 4113, 4512, 4712, 4922; THE 3214, 4260, 4303, and three semester hours from THE 4233, 4236, 4244, 4245, or 4433; and eight 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 3214, 4303, 4244, 4245; TPA 2248; TTP 2110, 2111, 3510, 3511, 4113, 4257, 4512, 4712, 4923. A minimum of five 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 prosenium theatre with continental seating for 500 patrons. Stage equipment includes a turntable, a computer 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, and portable sound and lighting equipment is utilized. Subscription productions are mounted in the Lab Theatre each year. In addition, the space is used for student development and productions. There is an accompanying rehearsal hall next door. The Fine Arts Annex is a small prosenium space with flexible seating. The space is used as a classroom space, rehearsal space, and as a performance space.

Definition of Prefixes

THE—Theatre Studies and General Resources
TPA—Theatre Production and Administration
TPP—Theatre Performance and Performance Training

Undergraduate Courses


THE 2020. Introduction to Theatre for Majors (3). A survey course of the field of theatre, its various divisions, and the School of Theatre. Preparation for independent research and communication about the profession and the school.

THE 2100. Introduction to Theatre History (3). Survey of theatre history and drama from Greeks to present.
TPA 4220. Introduction to Technical Theatre (3). This class is an introduction to the technical elements required to produce a theatrical production. Elements from scene and costume construction, along with lighting, sound, and stage management will be discussed.

TPA 2201. Introduction to Technical Theatre Laboratory (2). Students will gain direct experience in scene, costume, or lighting production.

TPA 2248. Stage Makeup (2). Introduction to basic makeup for the stage. Emphasis is on modeling of the face with makeup.

TPA 2291–2292. Technical Theatre Laboratory [one hour each]. Prerequisite: Instructor permission. Practical experience in the non-acting areas of theatre production, to include running the box office, disseminating publicity materials, constructing scenery and properties, applying basic techniques for costume construction in practical situations, and serving on lighting, running, or maintenance crews.

TPA 2322. Technical Theatre Practices I - Costumes, Lighting and Backstage Run-crews (3). This course offers an introduction to theatre costume and lighting practices. Students participate in at least one run-crew assignment.

TPA 2323. Technical Theatre Practices II - Scenery, Scene Painting and Front-of-House (3). This course offers an introduction to theatre scenery and properties, lighting practices. Students participate in at least one front-of-house assignment.

TPA 3208. Drafting for the Stage (3). Prerequisite: TPA 2201. Introduction to tools and techniques, including preparation of plans showing construction details and perspective.

TPA 3230. Costuming I (3). Prerequisite: TPA 2201. This introductory costume sewing class is intended to instruct students in the craft of sewing costumes for use on the stage. The class focuses on commonly accepted sewing practices used in costume shops throughout the country.

TPA 3238, 3299. Technical Theatre Laboratory [one hour each]. Prerequisite: Instructor permission. Advanced practical experience in the non-acting areas of theatre production, to include running the box office, disseminating publicity materials, constructing scenery and properties, applying basic techniques for costume construction in practical situations, and serving on lighting, running, or maintenance crews.

TPA 3325. Intermediate Technical Theatre Practice (3). Prerequisite: TPA 2323. This course refines the skills and techniques necessary for proficiency at the intermediate level of technical production, including the construction of scenery for the stage, rigging, standard technical theatre vocabulary, and safe work habits. Specific assignments depend upon the School of Theatre production season. May be repeated to a maximum of nine semester hours.

TPA 3353. Lighting and Sound Technology for the Theatre (3). Prerequisites: TPA 2201 and TPA 2201L. This course provides an in-depth exploration of technology behind the realization of lighting and sound design, including understanding of the intermediate technologies associated with successful design.

TPA 4014. Model Making (3). This course acquaints students with current model building techniques and systems. Students will gain experience in constructing most of the elements commonly associated with models such as doors, windows, textures, fences, trees, and props.

TPA 4020. Lighting Design I (3). Prerequisite: TPA 2201. This course acquaints students with the design process and the various tools by which a lighting designer researches and expresses his/her art. The course includes script analysis, producing light plots, and basic drafting.

TPA 4021. Lighting Design II (3). Prerequisites: TPA 3208 and TPA 4020. This course is an overview of the lighting design process for a variety of spaces from concept to finished product. Emphasis is on script analysis. Content includes instruction in the creation and use of paperwork as well as practical aspects of lighting in both the proscenium and non-proscenium venues.

TPA 4024. Lighting Design III (3). Prerequisite: TPA 4021. This course encompasses lighting design for a variety of production styles such as musicals, opera, dance, commercial, and theatrical.

TPA 4045. Costume Design for the Stage (3). Prerequisite: TPA 4260 or instructor permission. Exploration of the elements and principles of design as they relate to stage costuming. Work includes design projects.

TPA 4060. Principles of Scenic Design (3). Prerequisite: TPA 3208. Beginning design techniques including ground plan, perspective, and model building.

TPA 4073. Rendering for the Stage (3). Rendering techniques for the set, costume, and lighting design. Various drawing and computer equipment required.

TPA 4077. Scene Painting (3). Traditional scenic painting techniques for theatre and film. Professional equipment required.

TPA 4078. Advanced Scene Painting (3). This is an advanced studio course that will develop skills introduced in TPA 4077 with non-traditional scenic techniques and non-traditional materials.

TPA 4084. Life Drawing for Designers (3). This course explores the problems of figure drawing as they relate specifically to the theatrical designer using live, nude and draped models.

TPA 4234. Costume Crafts (3). Exploration of various costume craft techniques and materials, including clay, plaster, leather, thermoplastics, casting, and metals, and their relationships to theatrical apparel.

TPA 4238. Advanced Costume Construction (3). Prerequisite: TPA 3230. This course is an advanced study in costume construction techniques utilized in theatre costume shops.

TPA 4239. Costume Pattern Making (3). Prerequisite: TPA 3230. This course introduces undergraduate students to the study and practice of designing and constructing patterns. Methods to be examined include drafting, flat patterning, and draping.
TPA 4240. Advanced Costume Draping (3). Prerequisite: TPA 4239 or instructor permission. This course offers advanced study in costume patterning, with an emphasis on draping techniques, design concepts, and the construction of a variety of costumes.

TPA 4241. Stage Costume Millinery Techniques (3). Exploration into various millinery techniques including the blocked, constructed buckram, straw, and restored hats with emphasis on both historical and theatrical interpretations.


TPA 4246. Designing and Constructing Makeup, Hair, and Wigs (3). Prerequisites: THE 4260 and TPA 4045. This course examines makeup, hair, and wig styles popular throughout history. Students will acquire practical experience in designing and constructing makeup, hair, and wigs. Prerequisite: Instructor permission.

TPA 4250. AutoCAD for the Stage (3). Students will learn to apply theatrical drafting standards to AutoCAD. This course will cover basic DOS commands and structure, drafting in 2D AutoCAD, and drafting in 3D AutoCAD (including basic modeling commands).

TPA 4283. Technical Production (3). Prerequisites: TPA 2201, TPA 2201L, and instructor permission. This course examines the production process from play selection through set design, set load-in, run of show, load out, and post mortem analysis. The course focuses on the various and linear aspects of the production, including the management and planning of the budget, pre-construction, construction, and strike aspects of the production.

TPA 4302. Structural Design for the Stage I (3). Prerequisites: TPA 2201, TPA 2201L, and instructor permission. This course explores the physics and mathematics associated with successful stage structure design. Students study and apply concepts of static engineering, physical science, and material strength in the development of scenic elements.

TPA 4303. Structural Design for the Stage II (3). Prerequisites: TPA 4302 and instructor permission. This course continues the concepts and material covered in TPA 4302. Students apply these concepts to the design of stage structures.

TPA 4354. Lighting Software for Theatre (3). Prerequisites: TPA 3208 and TPA 4020. This is an overview course in the primary light design and visualization software programs. No prior knowledge of computer-aided design is necessary. Significant individual work is required.

TPA 4400. Theatre Management (3). Designed to provide an introduction to the economic and managerial aspects of American theatre especially as they apply to nonprofit and professional theatre.

TPA 4601. Stage Management (2). Methods and techniques of managing simple dramatic shows to complex multi-scene productions. Must be taken before stage managing a Mainstage production. Consent of instructor required.

TPA 4602. Advanced Stage Management (3). Prerequisite: TPA 4601. Intended for the student who wishes to pursue a career in stage management. Advanced study of stage management and development of skills needed to practice in a LORT theatre.

TPA 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

TPA 4922r. BFA Design/Technology Workshop (3). Prerequisite: BFA candidates only. Evaluation and supervision of all design/technology work. May be repeated to a maximum of eight semester hours.

TPA 4940r. Internship in Stage Design, Technical Theatre, and Management (1–3). (S/U grade only.) Prerequisite: Completion of all coursework in theatre and instructor permission. Resident internship in an approved professional theatre, shop, or enrichment center. May be repeated to a maximum of six semester hours.

TPP 2100. Performance I (2). This course presents an overview of acting as an art and craft.

TPP 2110r. Acting Technique I: Basic Process (3). Prerequisite: Instructor permission. 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 semester hours.

TPP 2111r. Acting Technique II: Contemporary American Realism (3). Prerequisites: TPP 2110r and/or instructor permission. Scene study and basic characterization. May be repeated to a maximum of nine semester hours.

TPP 2120. Creative Improvisation: Form and Idea in Acting (2). Introductory course in acting; examines fundamental interrelationships between the actor’s physical, vocal, and psychological potential in creating a clear and simple dramatic statement.

TPP 2185. Orientation to Acting (3). 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.

TPP 2190L. Theatre Rehearsal and Performance (1–2). (S/U grade only.) Prerequisite: Instructor permission. Assignment of a specific role and/or responsibility. Opportunity for students to receive additional supervision and critique, as well as credit, for participation in rehearsal and performance.

TPP 2191L, 2192L, 4193L–4195L. Theatre Rehearsal and Performance [two hours each]. (S/U grade only.) Prerequisite: Instructor permission. Assignment of a specific role and/or responsibility. Opportunity for students to receive additional supervision and critique, as well as credit, for participation in rehearsal and performance.

TPP 2710r. Voice I (3). This course introduces student actors to the basic principles of voice training. Group and individual exercises are designed to stimulate and develop the imagination, physical and sensory awareness, creativity, and the ability to work as part of an ensemble. Focus is on alleviating individual tensions in the vocal musculature that restrict the natural voice. May be repeated up to nine hours.

TPP 3013. Performance II (3). Prerequisite: TPP 2100. Exploration and development of a range of fundamental tools of the acting process, with particular emphasis on vocal exertion and the use of complex language in acting classical texts. May be repeated to a maximum of six semester hours.

TPP 3285. Acting for the Camera (3). Prerequisite: TPP 2110. This course offers a preliminary look at developing acting techniques for work in television, film, and video. Students will explore character, style of movement and dance, creative presentation, and daily warm-ups. May be repeated to a maximum of semester hours.

TPP 3510r. Movement Techniques for Theatre I (3). Prerequisite: Instructor permission. Exercises for self-awareness, physical strength, flexibility, and versatility for the actor. May be repeated to a maximum of six semester hours.

TPP 3511r. Movement Techniques for Theatre II (3). Prerequisite: TPP 3510r and/or instructor permission. Focus on script analysis, fundamentals of stage and movement, and loss that come from executing sound solely from the throat.

TPP 4113r. Acting Techniques III: Acting Problems in Genre and Style (3). Prerequisites: TPP 2110r, TPP 2111r, TPP 3711, and/or instructor permission. Acting workshop oriented to particular problems the actor confronts in dealing with historic periods in dramatic literature or material of post-realist and contemporary styles and thought. May be repeated to a maximum of six semester hours.

TPP 4224. Audition Techniques (3). This course is designed as a workshop for advanced actors who are preparing to enter graduate study programs or seek professional work in theatre with some attention paid to work in film and television. This course will examine the audition process from the perspectives of both the aspiring performer and the prospective employer.

TPP 4257. Voice for Musical Theatre (3). 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 4310. Directing I (3). Corequisite: TPA 4043. A basic techniques course with emphasis on script analysis, fundamentals of staging, and work with actors.

TPP 4512r. Advanced Movement for the Theatre (3). Prerequisites: TPP 3510r, TPP 3511r, and/or instructor permission. 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.

TPP 4531. Stage Combat (3). Prerequisites: TPP 2100 or TPP 2110r and instructor permission. This course explores the development of physical dialogue through armed (rapier and dagger, broadsword, quarterstaff, or knife) and unarmed stage combat applied to acting. Focus is placed on the processes of safety, technique, rehearsal, and performance. Students have the option to participate in the Society of American Fight Directors Skill Proficiency Test.

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 style in the creation of a dramatic text.

TPP 4712r. Voice III (3). Prerequisites: TPP 2710r and TPP 3711r. This intermediate course in voice focuses on increasing vocal stamina, breath capacity, range, and freedom on the stage. The course introduces speaking Shakespeare and offers practice with the use of complex language in acting classical texts. May be repeated to a maximum of six semester hours.

TPP 4713r. Voice VI: Vocal Imaginations (3). Prerequisite: TPP 4712l. 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 semester hours.

TPP 4730r. Dialects for Stage (3). Prerequisites: TPP 2110r, TPP 3710r, TPP 3711r, and/or instructor permission. The techniques of acquiring a dialect for stage performance. Scene study and monologues performed in dialects. Content may vary from semester to semester. May be repeated to a maximum of six semester hours.

TPP 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve semester hours.

TPP 4922r. Performance Workshop in Acting/Directing (2). Prerequisites: BFA candidates only and instructor permission. Course provides evaluation, systemization, supervision, and critiques for performance work required for BFA program. May be repeated to a maximum of twelve semester hours.

TPP 4923r. Musical Theatre Workshop (2). Prerequisites: BFA candidates only and instructor permission. This course provides evaluation, systemization, supervision, and critiques of all performance work undertaken to isolate acting, dance, and musical problems that occur in musical theatre and to see their solution in performance. May be repeated to a maximum of eight semester hours.

TPP 4940r. Internship in Theatre Performance (1–3). (S/U grade only.) Prerequisites: Completion of all coursework in theatre and instructor permission. Resident internship in an approved professional theatre, shop, or enrichment center. May be repeated to a maximum of six semester hours.
Graduate Courses

**THE 5065.** Disability and Representation (3).

**THE 5084r.** Theatre Problems (3).

**THE 5120.** Advanced Theatre History I: Classical and Medieval (3).

**THE 5150.** Advanced Theatre History II: Renaissance and 18th Century (3).

**THE 5160.** Advanced Theatre History III: 19th and 20th Centuries (3).

**THE 5238.** History of African-American Drama (3).

**THE 5246.** Musical Theatre History I (3).

**THE 5247.** Musical Theatre 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 Décor (3).

**THE 5317r.** Seminar: Selected Topics in Dramatic Literature and Dramatic Theory (3).

**THE 5437.** Gender, Race, and Performance (3).

**THE 5453.** African Theatre and Performance (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 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).

**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 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 Patternin (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).

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**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 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 (3).

**TPA 5931r.** Selected Topics in Stage Design (3).

**TPA 5940r.** MFA Internship in Technical Theatre, Stage Design, and Management (2–15).

**TPP 5145r.** Acting Techniques I (3).

**TPP 5146r.** Classical Performance Styles (3).

**TPP 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 5566r.** Advanced Play Analysis for Actors (3).

**TPP 5715r.** Voice I (3).

**TPP 5716r.** Voice II (3).

**TPP 5906r.** Directed Individual Study (3), (S/U grade only).

**TPP 5940r.** MFA Internship in Theatre Performance (2–15), (S/U grade only).

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

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TRANSPORTATION AND TRAFFIC ENGINEERING: see Civil and Environmental Engineering

TRANSPORTATION PLANNING: see Urban and Regional Planning
The Certificate Program in Urban and Regional Planning

The certificate program is intended for undergraduate students who want to delve more deeply into the field of planning. The 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 (BA) Bachelor or Science (BS) degree and a grade of “C-” or better in all courses. One of these two courses is ECO 2023 Principles of Microeconomics (3). The second course should be chosen from a list available from the undergraduate program adviser.

Pre-Graduate Program

This undergraduate program is designed for students who anticipate continuing to graduate school to earn the professional Master’s degree in planning. Students in this program are given the opportunity to begin graduate-level coursework 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 (MS) 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 pre-graduate program is available only to those undergraduates who are beginning in or 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 semester hours of coursework in which the grade of “B” or higher was earned.

Required Course

URP 3000 Introduction to Planning and Urban Development (3)

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: URS 1006, URP 3000, URP 4022, and at least one additional graduate course.

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.

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.

URP 4710 Introduction to Transportation Issues and Transportation Planning

URP 4936r Special Topics in Urban and Regional Planning

URP 4741 Introduction to Issues in Housing and Community Development

URP 4936r Special Topics in Urban and Regional Planning
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 instructor permission. This course provides an introduction to planning as a collective decision-making tool, and introduces the concepts of efficiency, equity, and environmental quality as competing bases for public decisions. The course examines tools for contributing to public decisions in varying circumstances, including unitary and diverse decision makers, certain and uncertain environments, and simple and complex goals.

URP 4314. Introduction to Growth Management and Comprehensive Planning (3). Prerequisite: URP 3000 or instructor permission. An introduction to the problems and needs for growth management and comprehensive planning for U.S. cities, highlighting various planning approaches and strategies available for meeting development, growth, and land-use problems.

URP 4318. Growth Management and Environmental Planning (3). Prerequisite: URP 3000. This course provides a general introduction to growth management and environmental planning through an overview of general planning history, basic legal theory, principles of growth mgmt/land use planning, and introductory environmental management approaches. The first portion of the course covers basic growth management principles, both growth and development, and the second portion of the course covers current practices and approaches to environmental planning that are important to defining environmental planning problems and evaluating alternative courses of action.

URP 4402. Sustainable Development Planning in the Americas (3). Prerequisite: URP 3000 or instructor permission. 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 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 4404. River Basin Management and Planning (3). This course introduces river basin management and planning and takes a systemic approach from biological, hydrological, and geopolitical viewpoints. Special emphasis is placed on the planning and management of transboundary (interstate and international) basins. The focus is on river basin systems as a whole and on the local Apalachicola-Chattahoochee-Flint basin. Students are introduced to technical concepts and tools, including negotiation and simulation techniques.

URP 4423. Introduction to Environmental Planning and Resource Management (3). Prerequisite: URP 3000 or instructor permission. 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 4618. Planning for Developing Regions (3). Prerequisite: URP 3000 or instructor permission. 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 instructor permission. 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 4740. Introduction to Issues in Housing and Community Development (3). Prerequisite: URP 3000 or instructor permission. 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 semester hours.

Graduate Courses

Planning Theory and Practice

URP 5101. Planning Theory and Practice (3).

URP 5122. Planning Dispute Resolution (3).

URP 5123. Collaborative Governance: Consensus Building for Planners (3).

URP 5125. Plan Implementation (3).

URP 5342. Advanced Planning Problems (3).

URP 5944. Dispute Resolution Practicum (3).

URP 6102. Seminar in Planning Theory (3).

Planning Methods

URP 5201. Planning Research Methods (3).

URP 5211. Planning Statistics (3).

URP 5222. Planning Alternatives Evaluation (3).

URP 5261. Forecasting for 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 Areas

URP 5544. Gender and Development (3).

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 5615. Infrastructure and Housing in Less Developed Countries (3).

URP 5616. Project Planning in Developing Countries (3).

Planning for Health and Aging

URP 5521. Public Health Epidemiology (3).

URP 5522. Regulatory Aspects of Health Care (3).

URP 5525. Health Behavior and Education (3).

URP 5526. Healthy Cities, Healthy Communities (3).

Environmental Planning and Natural Resource Management

URP 5405. River Basin Planning and Management (3).

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).

URP 5881. Urban Design (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).

Other Courses for Graduate Students

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

URP 5910r. Directed Individual Research (1–3). (S/U grade only.)

URP 5930r. Professional Topics in Urban and Regional Planning (0). (S/U grade only.)

URP 5939r. Special Topics in Urban and Regional Planning (0–3).

URP 5971r. Thesis (1–6). (S/U grade only.)

URP 6938. Doctoral Research Colloquium (0). (S/U grade only.)

URP 6981r. Supervised Teaching (1–3). (S/U grade only.)

For listings relating to graduate coursework for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Women's Studies is an interdisciplinary and interdepartmental program that examines the status, accomplishments, and perspectives of women in history, culture, and contemporary society. The Women's Studies Program further seeks to delineate the richness and diversity of women's experiences and viewpoints by exploring the dynamics of gender, race, culture, and class.

By placing women at the center of inquiry, Women's Studies courses offer new perspectives on human history and the human condition. Using gender as a category of analysis, these classes examine the systematic arrangements in society that have shaped the lives of women and men and re-evaluate traditional gender-based stereotypes. The courses foster critical analysis of assumed truths about society by examining paradigms based upon the feminist scholarship of the last three decades. By encouraging inquiry into the full range of the human experience, the Women's Studies Program enriches the University curriculum and prepares students for life in a rapidly changing, complex world.

Students pursuing research in Women's Studies at Florida State University will find a rich array of materials on women and gender in the government document holdings, special collections, and numerous microform manuscript collections available at Strozier Library and in the extensive collections of the College of Law Library, Mildred and Claude Pepper Library, and the Jean Gould Bryant Library of Women's Studies. The nearby State Archives are an additional source of research material.

Women's Studies graduates have described Women's Studies as a versatile major that prepared them for life, not just a career. In particular, graduates have cited its interdisciplinary focus, its attention to developing critical thinking skills, and its ability to empower students with a new sense of their potential and the courage to design their own careers and life plan. Women's Studies graduates can be found in nearly all occupations.

The Women's Studies Program offers an undergraduate major within the interdisciplinary bachelor's degree from the Department of Humanities and an interdisciplinary minor at the undergraduate and graduate (MA, and PhD) levels. For more information and updates see the Women's Studies Program Web site at http://www.fsu.edu/~womenst/.

Admission Requirements

Please review all college-wide degree requirements in the “College of Arts and Sciences” chapter of this General Bulletin.

Any student with a 2.0 grade average who meets the admission requirements of the College of Arts and Sciences is eligible to declare a major in Women's Studies. Students who wish to declare a major in Women's Studies must apply for admission with the Women's Studies office and complete an advising form.

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
Requirements for a Major in Women's Studies

Students are required to take thirty-three 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 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 semester hours may be counted toward both majors; and (2) no minors are required for the double major.

Distribution

WST Requirement

Twelve semester hours in WST interdisciplinary courses:

- WST 3015 Introduction to Women’s Studies (3)
- WST 3251 Women in Western Culture: Images and Realities (3)
- WST 4931 Seminar in Women’s Studies (3) or WST 4930r Topics in Women’s Studies (3)
- Either WST 4940r Women’s Studies Internship (3–6) or WST 4930r Topics in Women’s Studies (3) 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.

Note: WST 4930r may be repeated to a maximum of nine semester hours and WST 4931 is a non-repeatable course.

Cross-Listed Core Courses

At least twelve semester hours of cross-listed courses listed below are required. Specifically required are three semester hours from each of the four groups below:

Group A

- AMH 4561 Women in 19th-Century America (3)
- AMH 4562 Women in Modern America (3)
- CLA 3501 Gender and Society in Ancient Greece (3)
- CLA 3502 Women, Children and Slaves in Ancient Rome: The Roman Family (3)
- REL 3145 Gender and Religion (3)
- REL 3337 Goddess, Women and Power in Hinduism (3)

Group B

- ANT 4302 Sex Roles in Cross-Cultural Perspective (3)
- LIT 4554 Feminist Theory
- PHM 3123 Philosophy of Feminism (3)
- PUP 3323 Women and Politics (3)
- SOP 3742 Psychology of Women (3)
- SPC 4630 Rhetoric of Women’s Issues (3)
- SYD 3800 Sociology of Sex and Gender (3)
- SYO 4374 Gender and Work (3)

Group C

- FOW 3240 Literature and Sexuality (3)
- FRT 3561 French Women Writers (3)
- LIT 3383 Women in Literature (3)
- LIT 4385 Major Women Writers (3)
- SPW 4481 Contemporary Spanish Women Writers (3) (In Spanish)
- SPW 4491 Spanish American Women Writers (3) (In Spanish)
- THE 4433 Gender, Race, and Performance (3)

Group D

- CCJ 4663 Women, Crime, and Justice (3)
- NSP 3425 Women’s Health Issues: Concerns Through the Life Cycle (3)

Electives

Nine semester hours may be selected from among the following options:

- a. WST 4904r Directed Individual Study in Women’s Studies (3)
- b. WST 4930r Topics in Women’s Studies, WST 4930r Women’s Studies Internship; (b) the cross-listed courses in Groups A-D; (c) approved related courses, special topics courses, seminars, and workshops. Three 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 semester hours of honors thesis hours (WST 4970r Honors Thesis—Women’s Studies) toward the Bachelor of Arts (BA) degree, but only three semester hours of WST 4970r will be accepted for major credit. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Women’s Studies

At least fifteen semester hours of approved courses, distributed as follows:

1. At least three semester hours of interdisciplinary Women’s Studies courses selected from WST 3015 Introduction to Women’s Studies, 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 semester hours of cross-listed core courses

3. The remaining three 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 3015 Introduction to Women’s Studies (3)
- 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)
- SOW 4108 Women’s Issues and Social Work (3)
- SOW 4627 Mental Health of Diverse Populations (3)
- SPC 4711 Gender and Communication (3)
ANT 4302 Sex Roles in Cross-Cultural Perspective (3)
CCJ 4663 Women, Crime, and Justice (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)
FRW 3561 French Women Writers (3)
LIT 3383 Women in Literature (3)
LIT 4385 Major Women Writers (3)
LIT 4554 Feminist Theory (3)
NSP 3425 Women's Health Issues: Concerns Through the Life Cycle (3)
PHM 3123 Philosophy of Feminism (3)
PUP 3323 Women and Politics (3)
REL 3145 Gender and Religion (3)
REL 3337 Goddesses, Women and Power in Hinduism (3)
SOP 3742 Psychology of Women (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)
SPC 4711 Gender and Communication (3)
SPW 4481 Contemporary Spanish Women Writers (3) (In Spanish)
SPW 4491 Spanish American Women Writers (3)
SYD 3800 Sociology of Sex and Gender (3)
SYO 4374 Gender and Work (3)
THE 4433 Gender, Race, and Performance (3)

Note: See the appropriate individual departments for full course descriptions.

Graduate Courses

AMH 5564 Women in Modern America (4)
AMH 5567 Women in 19th-Century America (4)
CCJ 5672 Gender, Crime, and Justice (3)
EDA 5227 The Role of the Woman Administrator in Education (3)
EDF 5706 Gender and Education in Comparative Perspective (3)
LIT 5388r Studies in Women's Writing (3)
PET 5252 Gender Issues in Sport and Physical Activity (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)
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 5177 Family Demography (3)
SYO 5376 Sociology of Gender and Work (3)
SYO 5426 Gender and Mental Health (3)
SYP 6356 Sociology of the Contemporary Women's Movement (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.

Definition of Prefix

WST—Women's Studies

Undergraduate Courses

WST 3015 Introductions to Women's Studies (3). This course introduces students to the field of Women's Studies. Topics include the construction of gender and gender roles in varying social and cultural contexts. Women’s roles are examined from a variety of perspectives, which may include social class, religion, culture, and sexuality. The course includes an overview of theories of feminism.

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: Permission from the program 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 semester hours.

WST 4930r Topics in Women's Studies (3). This course explores specific topics or themes in gender/Women's Studies based on a feminist approach. A variety of topics from different fields of study will be offered from an interdisciplinary perspective. Topics of material not covered in the regular curriculum will be offered. May be repeated to a maximum of nine semester hours.

WST 4931 Seminar in Women's Studies (3). Prerequisite: At least two women's-studies core courses. Corequisite: Permission from the program director. This senior seminar examines how cultures structure and represent gender in a variety of arenas. Through critical reading of key contemporary works of feminist theory and intensive investigation of multidisciplinary case studies, students study the variety of representations of women's experience.

WST 4940r Women's Studies Internship (3–6). (S/U grade only.) Prerequisite: Two core courses in Women's Studies. Corequisite: Permission from the 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 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 semester hours.

Graduate Courses

WST 5905r Directed Independent Study (1–3). (S/U grade only.)
WST 5934r Topics in Women's Studies (3).
WST 5936r Interdisciplinary Topics in Feminist Theory (3).

Writing: see English
Zoology: see Biological Science
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