Florida State University has earned a growing national reputation as a public graduate research university that blends outstanding teaching with research that advances our community, our state, the nation, and the world. We are home to a talented community of learners who are committed to excellence and engaged together in the pursuit of knowledge in the classroom, in the research lab, and through community outreach.

Underlying and supporting the educational experience at Florida State University is the development of new generations of citizen leaders, based on the concepts inscribed in our seal: Vires, Artes, Mores—Strength, Skill, and Character.

Epitomized by recently named Rhodes Scholars Garrett Johnson and Myron Rolle, elite athletes and scholars committed to public service, and Joseph O'Shea, a campus and community leader as well as a top scholar, Florida State’s more than 40,000 students are dedicated to academic excellence and providing leadership in our complex world.

Our dedication to excellence encompasses many realms. Florida State University is recognized by the Carnegie Classification of Institutions of Higher Education as being engaged in very high research activity, the highest status accorded to a doctoral-granting university. 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. Ranking among the nation’s top 25 public universities are programs in Atmospheric Sciences, Business, Chemistry, Creative Writing, Criminology, Ecology and Evolutionary Biology, Higher Education, Information, Law, Marketing, Meteorology, Oceanography, Physics, Political Science, Psychology, Public Administration and Policy, Social Work, Sociology, Spanish, Statistics, and Urban and Regional Planning.

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 consistently ranked among the nation’s best and is home to the most consistently honored and published student body in the U.S.

In the realm of scientific excellence, the National High Magnetic Field Laboratory, which houses the most powerful magnets in the world, is located on our campus. The prestigious Center for Applied Superconductivity made its home on FSU’s campus in 2006. Our powerful supercomputers have contributed to advances in hurricane forecasting, and the United States Navy chose Florida State University to develop the advanced power systems that will drive its next generation of ships.

The continued increase of our external research awards is an achievement that verifies our excellence as an academic institution. To further strengthen this university’s reputation, we initiated “Pathways of Excellence,” an innovative, multi-year plan aimed toward moving Florida State to a new level of distinction in the academic world.

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.

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.
# Table of Contents

## University Administrative Offices
- President’s Message ........................................................................... 4
- University Calendar ........................................................................... 8

## Fall 2009 Academic Calendar ......................................................... 9

## University Notices .......................................................................... 11
- Florida State University Mission Statement ........................................ 11
- A Summons to Responsible Freedom ...................................................... 11
- Required First Day Attendance Policy ....................................................... 12
- President’s Statement on Equal Employment Opportunity and
  Non-Discrimination .............................................................................. 12
- Persons with Disabilities ....................................................................... 12
- HIV/AIDS Policy ................................................................................. 12
- Sexual Harassment Policy .................................................................... 12
- Florida State University Use of Social Security Numbers ...................... 14
- Policy for the Use of Photographs and Videos in University Publications ...... 14
- Illegal Downloading of Copyrighted Songs and Movies ............................. 14
- Integrity in Research and Creative Activity ............................................. 15
- Notification to All Applicants for Admission and Students Attending Florida State University ......................................................... 15
- fsu.edu Official E-mail Accounts for All Students at Florida State University ................................................................. 15
- Student Addresses ............................................................................... 15
- Florida State University Statement for Students on the Unlawful Possession, Use, or Distribution of Illicit Drugs and Alcohol ............................. 15
- The Florida State University Alcohol Policy ............................................. 18
- The Florida State University Standards of Conduct .................................. 18
- The Florida State University Standards of Conduct for Students and Local Penalties ................................................................. 18
- The Florida State University Health Risks of Illicit Drugs ......................... 18
- The Florida State University Illicit Drug Penalties .................................... 18

## The University ............................................................................. 19
- University History .............................................................................. 19
- University Organization ..................................................................... 20
- Panama City Campus ......................................................................... 20
- Colleges ............................................................................................ 20
- Institutes and Research Centers ........................................................... 21
- Other Instrutional Units ...................................................................... 22
- Reserve Officers Training Corps ............................................................ 22
- Naval Science .................................................................................... 23
- FSU—Panama ................................................................................... 22
- Academic and Professional Program Services ......................................... 22
- The Florida Center for Public Management ............................................ 23
- Learning Systems Institute .................................................................. 24
- Institute for Cognitive Sciences ............................................................... 24
- L.L. Schendel Speech and Hearing Clinic ............................................... 24
- Libraries ........................................................................................... 24
- Undergraduate Education .................................................................. 25
- Graduate Education (see Graduate Bulletin for details) .......................... 25
- Faculties ............................................................................................ 25
- Affiliations ......................................................................................... 25

## Research Facilites and Special Programs ...................................... 27
- Research and Research Facilities ........................................................... 27
- Special Programs ................................................................................ 27

## International Education ............................................................... 29
- International Commitment .................................................................. 29
- Beyond Borders: International Service and Cultural Exchanges .............. 29
- Center for Intensive English Studies ..................................................... 39
- International Programs ....................................................................... 29

## Admissions ..................................................................................... 35
- General Information .......................................................................... 35
- Admission from Secondary School ...................................................... 35
- Deadlines for Applications and Supporting Documents for Secondary School Applicatons ................................................................. 35
- Admission Requirements .................................................................... 35
- Center for Academic Retention and Enhancement (CARE) ................. 36
- Freshman Scholarships ........................................................................ 36
- Early Admission ................................................................................ 36
- Freshman Admission Deposit ............................................................... 36
- Admission by Transfer ......................................................................... 36
- Deadlines for Applications and Supporting Documents for Transfer Students ............................................................. 36
- General Admission Requirements ......................................................... 36
- Teacher Education Programs ................................................................. 36
- Limited Access Programs .................................................................... 37
- Transfer Scholarships ......................................................................... 37
- International Student Admission ............................................................ 37
- Deadlines for Applications and Supporting Documents for International Students ................................................................. 38
- Admission Requirements .................................................................... 38
- Notice of Admission ............................................................................ 38
- Finances ............................................................................................. 38
- Passports and Visas ............................................................................. 38
- International Center ............................................................................. 39
- Health Insurance Requirement ................................................................. 39
- Intensive English Program ................................................................... 39
- Admission to Graduate Study ................................................................. 39
- Admission to Panama City Campus ....................................................... 39
- Readmission ........................................................................................ 39
- Readmission after Multiple Withdrawals .............................................. 40
- Special (Non-Degree Seeking) Student Regulations ................................. 40
- Tallahassee Community College/Florida State University Cooperative Program ................................................................. 40
- Interinstitutional Transient Students ....................................................... 40

## Financial Information, Tuition, Fees, Aid, Scholarships, and Employment ................................................................................. 41
- General Information .......................................................................... 41
- Residency Requirements for Tuition Purposes ........................................ 41
- Tuition and Instructional Fees ................................................................. 42
- Assessment of Fees ............................................................................. 42
- Actual Course Fee Charge per Credit Hour 2008-2009 at the FSU Main Campus ................................................................. 42
- Actual Course Fee Charge per Credit Hour 2008-2009 at the FSU Panama City Campus ................................................................. 42
- Special Fees, Fines, and Penalties ......................................................... 42

## Library Fees ................................................................................... 43
- Housing Costs .................................................................................... 43
- Annual Estimate of Cost ..................................................................... 43
- Payment of Fees ................................................................................ 43
- Method of Payment ............................................................................ 43
- State Employee Registration ................................................................. 44
- Panama City Campus ......................................................................... 44
- Florida Prepaid College Program .......................................................... 44
- Fee Liability ......................................................................................... 45
- Repeat Course Surcharge .................................................................... 45
- Repeat Course Surcharge Appeal ......................................................... 45
- Delinquent Fees .................................................................................. 45
- Registration Stop for Outstanding Charges .......................................... 45
- Cancellation of Student Schedules for Non-Payment of Tuition and Fees ................................................................. 45
- Reinstatement of Student Schedules Canceled for Non-Payment of Tuition and Fees ................................................................. 45
- Tuition Waivers, Deferments, and Financial Arrangements ................. 45
- Out-of-State ....................................................................................... 45
- Florida Residents Over 60 Years of Age .............................................. 45
- Policy Concerning Late Fees ................................................................. 45
- Deferments and Financial Arrangements ............................................. 45
- Application Fee ................................................................................... 46
- Refund of Fees ................................................................................... 46
- Regulations Concerning Refund of Fees Paid ........................................ 46
- Withdrawal and Return of Financial Aid ............................................. 46
- Student Cancellation of Schedule ......................................................... 47
- Financial Aid ....................................................................................... 47
- General Information .......................................................................... 47
- Loan Entrance Counseling Sessions .................................................... 47
- Fees and Financial Aid Students .......................................................... 47
- Deferments, Loans, and Check Cancellation ........................................ 48
- Additional Sources of Financial Aid ..................................................... 48
- Scholarships ...................................................................................... 48
- The Federal Work Study Program (FWSF) ............................................. 49

## Housing .......................................................................................... 51
- Residence Halls .................................................................................. 51
- Alumni Village .................................................................................... 51
- Costs ................................................................................................. 51
- Visitation Options ............................................................................... 51
- Applications ....................................................................................... 51
- Special Living Units ............................................................................ 51
- Agreements ......................................................................................... 52
- Other Options .................................................................................... 52

## Orientation ..................................................................................... 53
- Office of New Student & Family Programs ......................................... 53
- International Center .......................................................................... 53

## Office of the University Registrar .................................................. 55
- Registration ....................................................................................... 55
- Registration Guide and Course Schedules ........................................... 55
- How to Find a Course in This Bulletin ................................................. 55
- How to Request Course Descriptions .................................................. 55
- How to Request Campus Maps ............................................................. 55
- Registration Responsibility ................................................................. 55
- Registration Permits .......................................................................... 55
- Course/Credit Modification ................................................................. 55
- Required Preparatory Courses ............................................................. 55
- Stops to Registration ......................................................................... 56
- Registrar Cancellation of Schedule ..................................................... 56
Cancellation of Student Schedules for Non-Payment of Tuition and Fees .................................................. 56
Reinstatement of Student Schedules Canceled for Non-Payment of Tuition and Fees .................................................. 56
Student Cancellation of Schedule .................................................. 56
Drop/Add or Changes of Schedule .................................................. 56
Students Canceled from Military Duty .................................................. 56
Directed Individual Study Courses .................................................. 56
Undergraduate Students: Permission to Register for Graduate Courses .................................................. 57
Florida Agricultural and Mechanical University—Florida State University Interinstitutional Registration .................................................. 57
Tallahassee Community College/Florida State University Cooperative Program .................................................. 57
Interinstitutional Transient Students .................................................. 57
Auditor Seating Privileges .................................................. 57
Registration of Special (Non-Degree Seeking) Students .................................................. 57
Transcripts .................................................. 57
Enrollment Certification .................................................. 57
Access to Records .................................................. 58

Academic Advising/Academic Support Services .................................................. 59
Purpose .................................................. 59
University Policy on Advising .................................................. 59
General Statement on Advising .................................................. 59
The Student’s Role in Advising .................................................. 59
The Faculty’s Role in Advising .................................................. 59
Advising Organization .................................................. 60
Assignment of Advisers .................................................. 60
Academic Interest Mapping (“Mapping” or AIMS) .................................................. 60
Declaring or Changing Majors .................................................. 60
Advising Services .................................................. 60
Orientation Advising .................................................. 60
Department Advising .................................................. 60
Exploratory Category .................................................. 60
Advising First .................................................. 60
Student Academic Support System (SASS) .................................................. 60
Preprofessional Majors .................................................. 61
Academic Support for Athletes .................................................. 61
Center for Academic Retention and Enhancement (CARE) .................................................. 61
Reading/Writing Center .................................................. 61
Mathematics Help Center .................................................. 61
Curricular-Career Information Services (CCIS) .................................................. 61
Bryan Hall Learning Community .................................................. 61
Freshman Interest Groups (FIGs) .................................................. 61
Office of National Fellowships .................................................. 61
Office of Undergraduate Research and Creative Endeavors .................................................. 61
Office of Undergraduate Studies .................................................. 61
Transfer from Undergraduate Studies to Major Advisement Program .................................................. 62

Undergraduate Degree Requirements .................................................. 63
Degrees Offered .................................................. 63
Baccalaureate Degree Requirements: An Overview .................................................. 63
General Requirements .................................................. 63
State Mandated Academic Learning Compacts (SMALCs) .................................................. 63
Division of Undergraduate Studies .................................................. 64
The Liberal Studies Program .................................................. 64
Liberal Studies Requirements .................................................. 64
Area I. Mathematics .................................................. 64
Area II. English Composition .................................................. 64
Area III. History/Social Science .................................................. 64
Area IV. Humanities/Fine Arts .................................................. 65
Area V. Natural Science .................................................. 66
How Transfer Credit Applies to the Liberal Studies Program .................................................. 66
The Multicultural Requirement .................................................. 66
Oral Communication Competency .................................................. 67
Computer Skills Competency .................................................. 68
Statewide Graduation Requirements .................................................. 68
College-Level Communication Skills .................................................. 68
Florida College Level Academic Skills Test .................................................. 68
CLAST Waiver Criteria .................................................. 70
Progression to Upper Division .................................................. 70
Transfer Among Colleges for Upper-Division Students .................................................. 70
The Associate in Arts .................................................. 70
Teacher Education .................................................. 70
The Baccalaureate Degree .................................................. 71
Graduation Checks .................................................. 71
Application for Graduation .................................................. 71
The Bachelor of Arts Degree .................................................. 71
Second Baccalaureates and Second Majors .................................................. 71
Degrees of Distinction .................................................. 71
Graduation “With Honors” .................................................. 71
American Sign Language as a Foreign Language .................................................. 71

Academic Regulations and Procedures, Credit, and Credit Limitations .................................................. 73
Academic Honors Policy .................................................. 73
FSU Academic Honor Pledge .................................................. 73
Academic Honor Violations .................................................. 73
Student Rights .................................................. 73
Procedures for Resolving Cases .................................................. 73
Sanctions .................................................. 74
Appeals .................................................. 75
Academic Honor Policy Committee .................................................. 75
Amendment Procedures .................................................. 75
Grievance Procedure .................................................. 75
Grievance Procedure: Panama City .................................................. 75
University Ombudsperson .................................................. 75
Notification of Students’ Rights under FERPA .................................................. 75
Release of Student Information .................................................. 76
Registration for Non-Degree Seeking .................................................. 76
Class Attendance .................................................. 76
Religious Holy Days .................................................. 77
Classification of Students .................................................. 77
Special (Non-Degree Seeking) Student Regulations .................................................. 77
Reclassification from Special-Student to Regular Status .................................................. 77
Course Loads .................................................. 77
Undergraduate Course Examinations .................................................. 77
Grading System .................................................. 78
Grade Point Average .................................................. 78
Dean’s List .................................................. 78
President’s List .................................................. 78
Satisfactory/Unsatisfactory Grading .................................................. 78
Grading Practices .................................................. 78
Grade Appeals System .................................................. 78
Forgiveness Policy .................................................. 79
Academic Retention .................................................. 79
Warning .................................................. 79
Probation .................................................. 79
Dismissal .................................................. 79
Readmission .................................................. 79
Withdrawal from the University .................................................. 80
Withdrawal after Multiple Withdrawals .................................................. 80
Medical Course Drop/Withdrawal .................................................. 80

Guidelines for Field Placement Fitness .................................................. 80
FACTS Information .................................................. 80
Second Majors and Academic Regulations .................................................. 80
Correspondence Study .................................................. 80
Experimental Undergraduate Programs .................................................. 81
Transfer Credit .................................................. 81
Credit for Nontraditional Courses, Including Short Courses .................................................. 81
Programs for Acceleration .................................................. 81
Dual Enrollment .................................................. 81
Credit by Examination .................................................. 81
Advanced International Certificate of Education (AICE) .................................................. 81
Advanced Placement (AP) .................................................. 81
International Baccalaureate (IB) .................................................. 81
College-Level Examination Program (CLEP) .................................................. 81
English Credit through SAT/ACT .................................................. 82
Mathematics Credit through SAT/ACT .................................................. 82
Departmental Examinations .................................................. 82
General Credit Limitations .................................................. 82
Degree-seeking Status at Two Separate Institutions .................................................. 82
AICE Scores and University Course Equivalents .................................................. 83
AP Scores and University Course Equivalents .................................................. 84
CLEP Scores and University Course Equivalents .................................................. 85
IB Scores and University Course Equivalents .................................................. 86

Student Services .................................................. 87
Division of Student Affairs .................................................. 87
Campus Recreation .................................................. 87
Career Center .................................................. 87
Center for Academic Retention and Enhancement (CARE) .................................................. 88
Leadership and Community Service .................................................. 88
Dean of Students Department .................................................. 88
Office of New Student & Family Programs .................................................. 88
International Center .................................................. 89
Oglesby Union, Askew Student Life Center, and FSU Flying High Circus .................................................. 89
Office of Veterans’ Affairs .................................................. 90
Radio/Television .................................................. 90
Health Counseling .................................................. 90
Counseling Services .................................................. 90
Housing .................................................. 91
Child Care .................................................. 91
Assessment Services .................................................. 91
Parking and Bus Services .................................................. 91
Bicycle Parking .................................................. 91
Postal Services .................................................. 91
Public Safety .................................................. 91
Seminole Dining .................................................. 92
Students First .................................................. 92

University Honors Office And Honor Societies .................................................. 93
University Honors Office .................................................. 93
University Honors Program .................................................. 93
Admission Requirements .................................................. 93
Retention .................................................. 94
Honors Housing .................................................. 94
Honors in the Major .................................................. 94
University-Recognized Honor Societies .................................................. 94
Scholaristic Societies .................................................. 95
Leadership/Scholaristic Societies .................................................. 95
Other Societies .................................................. 96
Discipline-Specific Academic Honor Societies .................................................. 96

College of Arts and Sciences .................................................. 99
College of Business ........................................101
College of Communication and Information 105
College of Criminology and Criminal Justice .........................107
College of Education .........................................109
FAMU–FSU College of Engineering .................................113
College of Human Sciences .....................................117
College of Law ..................................................119
College of Medicine ............................................121
College of Motion Picture, Television, and Recording Arts ..........123
College of Music ................................................125
College of Nursing ..............................................131
College of Social Sciences and Public Policy .........................135
College of Social Work .........................................137
College of Visual Arts, Theatre and Dance ...........................141
Florida’s Statewide Course Numbering System ......................143
Course Prefixes, Definitions, and Locations ................................145

Academic Departments and Programs .................................151
Accounting .........................................................151
Actuarial Science ...............................................153
Aerospace Studies ..............................................155
African-American Studies ......................................157
Aging and Public Policy .......................................161
American and Florida Studies ..................................163
Anthropology ....................................................165
Art .................................................................169
Art Education ....................................................173
Art History .......................................................175
Asian Studies ....................................................179
Biological Sciences ..........................................183
Biomedical Sciences ..........................................189
British Studies London Center Minor ................................191
Chemical and Biomedical Engineering ..............................193
Chemistry and Biochemistry ..................................199
Civil and Environmental Engineering ...............................205
Classics ..........................................................211
Communication .................................................215
Communication Science and Disorders ............................221
Computer Science .............................................225
Criminology and Criminal Justice ................................229
Dance ..............................................................233
Economic Policy and Government ................................237
Economics .......................................................239
Educational Leadership and Policy Studies .........................243
Educational Psychology and Learning Systems .....................245
Electrical and Computer Engineering ................................247
English ...........................................................251
Entrepreneurship ...............................................255
Family and Child Sciences .....................................257
Finance ..........................................................259
Geography .......................................................261
Geological Sciences ............................................265
Health–Related Programs ......................................269
History ............................................................271
History and Philosophy of Science ................................277
Hospitality .......................................................279
Humanities .......................................................283
Iberian Studies Valencia Center Minor ................................285
Industrial Engineering ..........................................287
Information Technology .........................................289
Interior Design ..................................................293
International Affairs ............................................297
Italian Studies Florence Center Minor ...............................301
Latin American and Caribbean Studies .............................303
Law ...............................................................305
Law and Society ...............................................307
Linguistics Minors .............................................309
Management ......................................................311
Management Information Systems .................................313
Marketing ........................................................315
Mathematics ......................................................317
Mechanical Engineering .........................................323
Medicine ..........................................................327
Meteorology .....................................................329
Middle Eastern Studies .........................................333
Military Science ................................................335
Ministerial Studies .............................................337
Modern Languages and Linguistics ................................339
Motion Picture, Television, and Recording Arts ....................349
Music .............................................................353
Nursing ...........................................................365
Nutrition, Food, and Exercise Sciences ..............................369
Oceanography ..................................................373
Philosophy .......................................................375
Physics ...........................................................379
Political Science ................................................385
Psychology .......................................................389
Public Administration and Policy ..................................393
Religion ............................................................395
Risk Management/Insurance and Real Estate and Program In Business Law ........................................399
Russian and East European Studies ................................403
Scientific Computing ............................................405
Secondary Science and/or Mathematics .............................407
Secondary Science and/or Mathematics Teaching (SSMT) .........407
Social Science ....................................................411
Social Work .......................................................413
Sociology .........................................................417
Sport Management, Recreation Management, ........................421
                              and Physical Education
Statistics ..........................................................427
School of Teacher Education ......................................431
Childhood Education, Reading, and Disability Services ............431
Middle and Secondary Education ...................................438
Textiles and Consumer Sciences ..................................447
Theatre ...........................................................451
Urban and Regional Planning .....................................457
Women’s Studies .................................................461

University Administration .........................................464
University Faculty, Professional, and Administrative Personnel ................................467
Index ......................................................................508
## UNIVERSITY CALENDAR

### Opening and Closing Dates

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td>August 24—December 11</td>
<td>August 23—December 10</td>
<td>August 29—December 16</td>
</tr>
<tr>
<td>Homecoming</td>
<td>October 30</td>
<td>TBA</td>
<td>TBA</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td>January 6—April 30</td>
<td>January 4—April 29</td>
<td>January 4—April 27</td>
</tr>
<tr>
<td>Spring Break</td>
<td>March 8—12</td>
<td>March 7—March 11</td>
<td>March 5—March 9</td>
</tr>
<tr>
<td><strong>Summer</strong></td>
<td>2010</td>
<td>2011</td>
<td>2012</td>
</tr>
<tr>
<td>13 Week Session (A)</td>
<td>May 10—August 6</td>
<td>May 9—August 5</td>
<td>May 8—August 10</td>
</tr>
<tr>
<td>First 6 Week Session (B)</td>
<td>May 10—June 18</td>
<td>May 9—June 17</td>
<td>May 8—June 15</td>
</tr>
<tr>
<td>Second 6 Week Session (C)</td>
<td>June 28—August 6</td>
<td>June 27—August 5</td>
<td>June 25—August 10</td>
</tr>
<tr>
<td>Second 8 Week Session (D)</td>
<td>June 15—August 6</td>
<td>June 20—August 12</td>
<td>June 18—August 10</td>
</tr>
<tr>
<td>First 8 Week Session (F–Law)</td>
<td>May 10—July 1</td>
<td>May 9—July 30</td>
<td>May 8—June 29</td>
</tr>
</tbody>
</table>

### Legal Holidays (No Classes)

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Year’s Day</td>
<td>Thursday, January 1</td>
<td>Friday, January 1</td>
<td>Friday, December 31</td>
</tr>
<tr>
<td>Martin Luther King, Jr. Day</td>
<td>Monday, January 19</td>
<td>Monday, January 18</td>
<td>Monday, January 17</td>
</tr>
<tr>
<td>Memorial Day</td>
<td>Monday, May 25</td>
<td>Monday, May 31</td>
<td>Monday, May 30</td>
</tr>
<tr>
<td>Independence Day</td>
<td>Friday, July 3 (observed)</td>
<td>Monday, July 5 (observed)</td>
<td>Monday, July 4</td>
</tr>
<tr>
<td>Labor Day</td>
<td>Monday, September 7</td>
<td>Monday, September 6</td>
<td>Monday, September 5</td>
</tr>
<tr>
<td>Veteran’s Day</td>
<td>Wednesday, November 11</td>
<td>Thursday, November 11</td>
<td>Friday, November 11</td>
</tr>
<tr>
<td>Thanksgiving Day</td>
<td>Thursday, November 26</td>
<td>Thursday, November 25</td>
<td>Thursday, November 24</td>
</tr>
<tr>
<td>Friday after Thanksgiving</td>
<td>Friday, November 27</td>
<td>Friday, November 26</td>
<td>Friday, November 25</td>
</tr>
<tr>
<td>Christmas Day</td>
<td>Friday, December 25</td>
<td>Friday, December 24 (observed)</td>
<td>Monday, December 26 (observed)</td>
</tr>
</tbody>
</table>

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

### Admission/Readmission/Special/Transient Application Deadlines

<table>
<thead>
<tr>
<th></th>
<th>Fall 2009</th>
<th>Spring 2010</th>
<th>Summer 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Undergraduate</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshman</td>
<td>January 21</td>
<td>November 1</td>
<td>January 20</td>
</tr>
<tr>
<td>Transfer</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Graduate¹</strong></td>
<td></td>
<td></td>
<td></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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate¹</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Special Student</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td><strong>Transient Student</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate²</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Graduate</td>
<td>July 1</td>
<td>November 1</td>
<td>March 1</td>
</tr>
</tbody>
</table>

¹ 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 awards consideration.

² Includes the Tallahassee Community College/Florida State University Cooperative Program.

All information used to make an admission decision must be received by the published deadline. Additionally, the University reserves the right to close earlier if warranted by enrollment limitations.
FALL 2009 ACADEMIC CALENDAR

Note: The dates and times listed below are subject to change. Please refer to http://registrar.fsu.edu/dir_class/acad_calendar.html for the most up-to-date information and links to other semesters.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct. 9, 2009</td>
<td>End of seventh week of semester. Last day to submit form requesting S/U grading or to change S/U option back to a regular grade.</td>
</tr>
<tr>
<td></td>
<td>Last day to reduce course load without the permission of Academic Dean. Dean’s permission required to drop below twelve (12) semester hours.</td>
</tr>
<tr>
<td></td>
<td>Last day to drop a course without receiving a grade.</td>
</tr>
<tr>
<td></td>
<td>Last day to withdraw without receiving a grade.</td>
</tr>
<tr>
<td></td>
<td>Financial Aid Deferments Expire. Fall tuition payment must be received to avoid a late payment fee.</td>
</tr>
<tr>
<td>Oct. 12, 2009</td>
<td>Registration for Spring 2010 begins.</td>
</tr>
<tr>
<td>Oct. 30, 2009</td>
<td>Veterans’ Deferments Expire. Fall tuition payment must be received to avoid a late payment fee. Homecoming: No classes after 1:10 p.m.</td>
</tr>
<tr>
<td>Nov. 1, 2009</td>
<td>Last day community college students can apply for Spring 2010 Cooperative Program Registration.</td>
</tr>
<tr>
<td>Nov. 9, 2009</td>
<td>Official Thesis/Dissertation copies due to manuscript clearance adviser, 408 Westcott.</td>
</tr>
<tr>
<td>Nov. 11, 2009</td>
<td>Veterans’ Day Holiday. No Classes.</td>
</tr>
<tr>
<td>Nov. 13, 2009</td>
<td>End of 12th week of semester. Deadline for late drop with Dean’s permission.</td>
</tr>
<tr>
<td>Nov. 20, 2009</td>
<td>Financial Aid Exit Interview for all students with federal loans graduating, transferring, or taking less than six (6) semester hours at <a href="https://www.campus.fsu.edu">https://www.campus.fsu.edu</a>. The interview must be completed by the end of the current term.</td>
</tr>
<tr>
<td>Nov. 26–27, 2009</td>
<td>Thanksgiving Day Holiday. No classes.</td>
</tr>
<tr>
<td>Dec. 4, 2009</td>
<td>Last day to officially withdraw from the University.</td>
</tr>
<tr>
<td>Dec. 7–11, 2009</td>
<td>Final Exam Week.</td>
</tr>
<tr>
<td>Dec. 11, 2009</td>
<td>Semester Ends.</td>
</tr>
<tr>
<td>Dec. 12, 2009</td>
<td>Residence Halls close at noon. Commencement, Civic Center, 9:00 a.m. and 2:00 p.m. Diplomas dated this date.</td>
</tr>
<tr>
<td>Dec. 15, 2009</td>
<td>Online Grades Due by 4:00 p.m.</td>
</tr>
<tr>
<td>Dec. 16, 2009</td>
<td>Grades available online.</td>
</tr>
<tr>
<td>Aug. 24–Aug. 27, 2009</td>
<td>Late Registration ($100.00 late registration fee.) FAMU–FSU Co-op Program Registration at the Office of the Registrar, UCA 3900.</td>
</tr>
<tr>
<td>Aug. 26, 2009</td>
<td>Last day to submit waivers or billings.</td>
</tr>
<tr>
<td>Aug. 27, 2009</td>
<td>Last day to Drop/Add and have fees adjusted. Students are liable for all fees for courses still on their schedules at midnight. Last day to add a course without Academic Dean’s permission.</td>
</tr>
<tr>
<td>Aug. 28, 2009</td>
<td>Fifth Day of Classes. Last day to cancel enrollment and have fees removed. Registration for state employees (non-FSU employees) using State Employee Fee Waivers (see ‘State Employee Fee Registration’ in “Registration Information” for instructions). Last day to request VA deferment from VA representative in Registrar’s Office.</td>
</tr>
<tr>
<td>Aug. 31, 2009</td>
<td>Financial aid available via EFT in FSUCard accounts. First day to apply for financial aid deferrals and delayed delivery loans. All financial aid students must check their financial aid status at <a href="http://www.ais.fsu.edu/finaid">http://www.ais.fsu.edu/finaid</a>.</td>
</tr>
<tr>
<td>Sept. 4, 2009</td>
<td>Last day to Register for CLAST exam, (850) 644-3181. Last day to pay or defer fees for all students, including veterans who are not using a veteran deferment, without a $100.00 late fee. Veterans should contact a VA representative with questions.</td>
</tr>
<tr>
<td>Sept. 11, 2009</td>
<td>Last day to file for Fall 2009 Graduation. (Visit <a href="https://www.campus.fsu.edu">https://www.campus.fsu.edu</a> and log on to Secure Apps.)</td>
</tr>
</tbody>
</table>
Florida State University Mission Statement

Vision: Florida State University aspires to be recognized as one of the top twenty public universities in the nation, with no fewer than one-third of its Ph.D. programs ranked among the top fifteen such programs at public universities nationally. The faculty is committed to earning membership in the Association of American Universities.

Mission: Florida State University is a comprehensive, national, graduate-research university that puts research into action for the benefit of our students and society. Our extensive graduate programs and our law and medical schools enrich the graduate, professional and undergraduate experiences, making Florida State University a demanding and intellectually stimulating environment for students and faculty.

With an impressive breadth of programs, Florida State University has leading undergraduate, graduate and professional programs that consistently rank among the top twenty-five at the nation’s public universities and include those in Business, Chemistry, Creative Writing, Criminology, Ecology and Evolutionary Biology, Information Law, Meteorology, Oceanography, Physics, Political Science, Psychology, Public Policy, Sociology and Statistics. Our mission is to maximize the excellence in all our programs with special emphasis on programs that already earned national and international acclaim. Florida State University’s arts programs—including Dance, Film and Music—rank among the finest in the world.

At the Ph.D level, notable research faculty provide a range of interdisciplinary offerings that transcend the traditional disciplines, including Neuroscience, Molecular Biophysics, Computational Science, Materials Science and research at the National High Magnetic Field Laboratory.

Florida State provides world-class opportunities for graduate and professional students to:
- Learn and conduct research with internationally recognized scholars;
- Conduct research in specialized interdisciplinary centers, such as the National High Magnetic Field Laboratory, The Reading Research Center, the Institute of Molecular Biophysics and the School of Computational Science;
- Participate in other interdisciplinary work across campus, such as efforts that integrate economics, geography, climate forecasting, law and other environmental courses and programs; and
- Work with faculty to forge new relationships among professions, including medicine and information, the physical sciences and engineering, business and law, human sciences, nursing and social work.

Florida State provides extraordinary opportunities for undergraduate students to:
- Select from nationally ranked programs, ranging from the basic sciences to performing arts;
- Live and learn in residence hall designed around academic programs;
- Study abroad at the finest centers in the world;
- Participate in an Honors Program, ranked among the best in the country;
- Intern with a diverse faculty including outstanding minority and women scholars; and
- Study with some of the finest graduate and professional students and faculty in the nation.

Florida State University owes special allegiance to the citizens and taxpayers of the State of Florida. Florida State exists to:
- Educate students from diverse communities in Florida, the nation and the world in an environment that emphasizes research, inquiry, and excellence;
- Identify, create, celebrate, and disseminate important knowledge;
- Maximize the opportunities for its students;
- Contribute to the economic development of the State of Florida and the nation;
- Harness contributed dollars and contract and grant activity for the benefit of our students and society; and
- Generate research that will benefit the citizens of Florida, the nation and the world.

Goals: Our goal is to become recognized nationally and internationally for our teaching and research programs, including making significant progress towards the goal of being invited to become an AAU member institution.
- Enhance undergraduate education by recruiting, retaining and educating outstanding undergraduate students on a diverse campus;
- Promote excellence in undergraduate teaching by fostering a campus community of excellence;
- Ensure academic excellence by developing, retaining and rewarding talented and diverse faculty;
- Promote excellence in graduate education and research;
- Encourage the dissemination and transfer of knowledge by providing broad access to institutional resources and services to the community and to the State;
- Promote and foster learning by maintaining and expanding facilities and technology.

Note: The current mission statement was released as a part of the Board of Governor’s Strategic Plan on June 9, 2005.

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 as a community engaged in moral discourse, it also recognizes the need for the development of the whole person. The University maintains a comprehensive educational program ranging from classroom instruction to research and creative activities at the frontiers of human knowledge. These modes of searching for the truth are mutually enhancing and provide the context for the liberating experiences students gain from contact with ideas and individuals. Education based in the liberal arts provides an opportunity for students to learn to express themselves; to think critically both quantitatively and qualitatively; to gain an understanding of and respect for self and others; to understand the world by knowing more about its history, the role of science and technology, and social and cultural achievements; and to develop specialized talents for a vocation. This opportunity is provided with the conviction, as reflected in the University seal, that through such an educational experience one can come to a clearer understanding of the complex moral issues inherent in human 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, national origin, age, and disability. This commitment applies in all areas with students, faculty, and other University personnel. It addresses recruiting, hiring, training, promotions, and applicable employment
conditions. It is also relevant to those aspects of the University concerned with the choice of contractors, suppliers of goods and services, and with the use of University facilities. The University believes in equal opportunity practices that conform to both the spirit and the letter of all laws against discrimination.

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

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

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

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

Required First Day Attendance Policy

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

President’s Statement on Equal Employment Opportunity and Non-Discrimination

Florida State University (the University) is an equal employment opportunity employer and educational provider committed to a policy of non-discrimination on the basis of race, creed, color, sex, religion, national origin, age, disability, veteran or marital status, 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 the University's 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 will provide 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, trust, and is free from discrimination or harassment. Behavior that may be considered offensive, demeaning, or degrading to persons or groups will not be tolerated.

1. Policy Statement: Sexual harassment is a form of discrimination based on a person’s gender. Sexual harassment is contrary to the University’s values and moral standards, which recognize the dignity and worth of each person, as well as a violation of federal and state laws and University rules and policies. Sexual harassment cannot and will not be tolerated by Florida State University, whether by faculty, students, staff or by others while on property owned by or under the control of the University.
2. **Office of Audit Services**: The Office of Audit Services (OAS) is charged with receiving and investigating sexual harassment complaints as set forth in this policy and shall maintain the records pertaining thereto. Within the OAS, the Coordinator of Sexual Harassment Resolutions has primary responsibility for leading these investigations.

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

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 Florida State University. The University will take appropriate action against any person found to be in violation of this policy.

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

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

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

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

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

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

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

9. **Complaint Procedure**:

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

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

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

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

   • The names, addresses, telephone numbers, administrative unit, and position or status of the complainant and the respondent, if known
   • Specific acts alleged, including dates, times, and locations
   • Names, addresses, and phone numbers of potential witnesses
   • The effect the alleged acts have had on the complainant
   • Actions the complainant may have taken to attempt to stop the harassment
   • Complainant’s suggestion of proposed action to address or resolve the harassment
   • Other information the complainant believes is relevant.
c. Transmitting a Complaint to the OAS: The complaint shall immediately be forwarded to the OAS. If the complaint is verbal, the person receiving the complaint shall make a written summary thereof on the complaint form and request the complainant to sign it.
d. Reviewing a Complaint. The OAS will make an initial determination whether the alleged perpetrator is a student or employee. If the alleged perpetrator is identified as one who is not a student or employee, then the OAS will refer the matter to the Office of the General Counsel for appropriate action. If the OAS determines that the alleged perpetrator is a student or employee, the OAS will review the complaint to determine whether the acts complained of, as stated by the complainant, constitute a violation of this policy, and if not, the complainant will be so informed. If the OAS determines the alleged acts may constitute a violation of this policy, investigation will proceed as set forth in Section (10) below, unless the matter is satisfactorily resolved as in the following paragraph (e).
e. Notifying the Respondent and Supervisor; Informally Resolving a Complaint; Withdrawing a Complaint: The OAS will notify the respondent and his or her appropriate supervisor of the allegations contained in the complaint. In an effort to informally resolve the complaint, the OAS will elicit from the complainant, proposed actions the complainant believes are necessary to address or resolve the alleged harassment. The OAS will discuss these proposed actions with the respondent and with appropriate levels of management. The respective parties will also have the opportunity to propose other means of resolution. Thus, if the matter can be resolved informally, or if the complainant chooses to withdraw the complaint, the complainant will sign a statement outlining the informal resolution and releasing the University from taking any further action. If the matter is not resolved at this stage, the complaint will be investigated as set forth in Section (10) below.

10. Investigation: The following procedures will govern all investigations of complaints alleging violations of this policy:
   a. The OAS will thoroughly investigate complaints alleging violations of this policy with the assistance, as needed, of the following: the Office of the Dean of the Faculties, the Department of Human Resources, and/or the respondent’s supervisor(s), except in cases where the respondent is a student. If the respondent is a student, the OAS will forward a copy of the complaint and any associated materials to the Office of the Dean of Students, which will, if appropriate, adjudicate the matter under the Code of Student Conduct. The Dean of Students shall notify the OAS of the outcome.
   b. The investigation should include interviewing the complainant and witnesses suggested by the complainant who may have knowledge of the offending behavior. Employees and students shall fully cooperate in the investigation.
   c. The respondent will be given an opportunity to respond to the complaint verbally and in writing and may suggest additional witnesses.
   d. The investigation should also include interviewing such other witnesses as are deemed appropriate under the circumstances.
   e. The investigation should include a review of any files and records of previous sexual harassment complaints against the respondent and any other documents deemed relevant.
   f. All witnesses who provide relevant information should submit a written, signed statement attesting to their knowledge of the subject circumstances.
   g. Confidentiality of the investigation will be maintained to the extent allowed by law.

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

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

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

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

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

16. Where to Go for Help: Any member of the university community may report sexual harassment to The Office of Audit Services, 407 Westcott Building, (850) 644-6031, or by calling the Florida State University Sexual Harassment Hotline, (850) 644-9013. Staff is also available in the following offices to assist victims of sexual harassment: A student victim may report to Dean of Students, 4322 University Center A, (850) 644-2428; a faculty victim may report to Dean of Faculties, 314 Westcott Building, (850) 644-6876; an A&P, USPS or OPS victim may report to Human Resources, 6210 University Center A, (850) 645-6319.

Florida State University Use of Social Security Numbers

In accordance with Florida Statute 119.071 (5), students 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:

- 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;
- 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;
- State and federal reporting of student data as required by law;
- 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;
- 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)(3)(A)–(III), Florida Statutes.

The University does not use social security numbers for student identification; instead the University assigns each student an FSU student identification number (FSUID).

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 and 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.htm): 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://www.vpfa.fsu.edu/policies/bmannual/itolicy.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://campusdownloading.com/faq.htm.

**Integrity in Research and Creative Activity**

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

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

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

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

The official method of communication at Florida State University is your fsu.edu 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 fsu.edu official account forwarded to another e-mail account, you are still held responsible for all information distributed by the University to your fsu.edu account. To obtain your fsu.edu email account, visit http://www.ufs.fsu.edu/getStarted.html.

**Student Addresses**

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

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

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 environment. 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 shall 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. Werkeimster 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 with 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 condone 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:

(a) The Dean of the Faculties is the responsible university official for administration of the alcohol policy for all events involving primarily faculty. The Vice President for Student Affairs is the responsible administrator for students and student groups. The Vice President for University Relations is the responsible university official for administration of the alcohol policy for events managed by the direct support organizations and for those involving all other groups and individuals. Changes and revisions shall be coordinated by the Vice President for Student Affairs in consultation with other Vice Presidents, the Dean of the Faculties and the General Counsel, subject to final approval of the President of the University.

(b) Enforcement of the alcohol policy shall reside in the Office of Student Rights and Responsibilities for individual student and student organization cases, and the Dean of Faculties for faculty related violations. Enforcement of the alcohol policy for all other groups, including outside groups, organizations, and individuals shall reside in the Vice President for University Relations.

(c) The University maintains the right to forward possible violations of 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 impair the ability to make decisions.

Alcohol first affects the area of the brain responsible for higher functions, such as decision-making and social inhibitions, suppressing an individual's self-control. Alcohol in the blood can slow reaction time, reduce muscle coordination and impair eyesight, contributing to deficits in performance, judgment, memory, and motor skills. Even 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 the Thagard Student Health Center [644-8871]; Website is http://www.tshe.fsu.edu/he/

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

(c) FSU Police Department [644-1234; Website 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 [644-8871], PAR (Partnership for Alcohol Responsibility [644-6489] at Thagard Student Health Center and GAMMA (Greets 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://www.fsu.edu/~nursing/.

(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; Website is http://www.lib.fsu.edu/digitalmc.html].

(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 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; Website is http://www.counseling.fsu.edu].
Florida State University

(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 supervisory referral. The EAP functions as a coordinator of counseling and other appropriate services available both within the university and the community [644-2288; Website 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; Website is http://www.chs.fsu.edu/fcs/mft/center.php].

(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; Website is http://www.epls.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; Website is http://www.psy.fsu.edu/community/clinic].

(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; Website is http://www.211bigbend.org].

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

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.

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>
</tr>
</thead>
<tbody>
<tr>
<td>Possession or attempt to purchase alcohol by a person under 21 years of age.</td>
<td>Diversion program; $180 fine; 10 hours community work program.</td>
<td>60 days jail; $500 fine.</td>
</tr>
<tr>
<td>Using a false driver’s license ID or allowing someone to use your driver’s license for an ID card.</td>
<td>Diversion program; $180 fine; 10 hours community work program.</td>
<td>60 days jail; $500 fine.</td>
</tr>
<tr>
<td>Prohibiting alcohol to a person under 21.</td>
<td>Diversion program; $180 fine; 10 hours community work program.</td>
<td>60 days jail; $500 fine.</td>
</tr>
</tbody>
</table>

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

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.
University History

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

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

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

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 ROTC cadet corps is today one of only three in the nation authorized to display a battle streamer with its flag, a streamer which bears the words “Natural Bridge 1865.” After the end of the war in 1865, however, Union troops under General McCook descended upon Tallahassee and occupied the city (including campus buildings), remaining for more than a month.

Following the war, the institution entered a period of growth and development. In 1884 the first diplomas, Licentiates of Instruction, were awarded, and by 1891 the Institute had begun to focus clearly on what we would today call postsecondary education; seven Bachelor of Arts degrees were awarded that year. By 1897 the institution had evolved into the first liberal arts college in the state, and in 1901 it became Florida State College, a four-year institution, with the first master’s degree offered in 1902. That year the student body numbered 252 men and women, and degrees were available in classical, literary, and scientific studies. In 1903 the first university library was begun. The following quote from the 1903 Florida State College Catalogue adds an interesting footnote to this period:

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

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

In 1935 the first chapter of Phi Beta Kappa in the state, Alpha Chapter of Florida, was installed at the College, a mark of its status as a true liberal arts college.

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

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, spanning one mile west of the main campus. Ground was broken in 1953 on an 18-story tower housing the College of Medicine.

The campaign of the    1    th    1

THE UNIVERSITY
Florida State University

University Organization

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

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

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

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

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

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

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

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

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

Panama City Campus

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

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

Colleges

The academic organization of the University comprises 15 colleges. One of these, the College of Engineering, is a joint program of the Florida Agricultural and Mechanical University (FAMU) and Florida State University. The colleges offer courses of study in 26 major disciplines. In addition to the associate in arts (AA) certificate, they offer 94 authorized baccalaureate degree programs covering 194 fields, 102 authorized master’s degree programs covering 197 fields, 28 authorized advanced master’s and specialist degree programs covering 35 fields, two authorized professional degree programs covering nine fields, and 73 authorized doctoral degree programs covering 138 fields. The following outlines the academic divisions:

College of Arts and Sciences

- Departments: Aerospace Studies; Anthropology; Biological Science; Chemistry and Biochemistry; Classics; Computer Science; English; Geological Sciences; History; Mathematics; Meteorology; Military Science; Modern Languages and Linguistics; Oceanography; Philosophy; Physics; Psychology; Religion; Scientific Computing; Statistics.
- Interdisciplinary Programs: American and Florida Studies; Asian Studies; British Studies; Chemical Physics; Classics and Religion; Cognitive Science; Critical Theory; English and Business; Foreign Language and Business; Geophysical Fluid Dynamics; History and Philosophy of Science; Humanities; Iberian Studies; Italian Studies; Latin American and Caribbean Studies; Molecular Biophysics; Neuroscience; Neuroresearch Research; Program in Chemical Physics; Psychobiology; Russian and East European Studies; Secondary Science and/or Mathematics Teaching; Women’s Studies.

College of Business

- School: Dedman School of Hospitality.
- Departments: Accounting; Finance; Management Information Systems; Marketing; Risk Management/Insurance, Real Estate, and Business Law.
- Interdisciplinary Programs: Business Administration and Law.

College of Communication and Information

- Schools: School of Communication, School of Communication Science and Disorders, and School of Library and Information Studies.

College of Criminology and Criminal Justice

College of Education

- School: School of Teacher Education
- Departments: Educational Leadership and Policy Studies; Educational Psychology and Learning Systems; Sport Management, Recreation Management and Physical Education.

FAMU–FSU College of Engineering

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

College of Human Sciences

- Departments: Family and Child Sciences; Nutrition, Food, and Exercise Sciences; Textiles and Consumer Sciences.
- Interdisciplinary Programs: Marriage and Family; Independent Living for Persons with Disabilities.

College of Law

- Interdisciplinary Programs: Law and Business Administration; Law and Economics; Law and Information Studies; Law and International Affairs; Law and Public Administration; Law and Urban and Regional Planning; Law and Social Work.
College of Medicine

College of Motion Picture, Television and Recording Arts

College of Music
  Interdisciplinary Program: Music Research.

College of Nursing

College of Social Sciences 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; Economic Policy and Government; Health Services Administration and Policy; International Affairs; Pepper Institute on Aging and Public Policy; Russian and East European Studies; Program in Social Science; Urban and Regional Planning and Public Administration.

College of Social Work

College of Visual Arts, Theatre and Dance
  School: School of Theatre
  Departments: Art; Art Education; Art History; Dance; 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 Intensive English Studies
  Center for Professional Development and Public Service (Please refer to Academic & Professional Program Services)

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

International Programs
  Florida–Costa Rica Linkage Institute (FLORICA)

College of Arts and Sciences
  Antarctic Marine Geology Research Facility
  Center for Materials Research and Technology (MARTECH)
  Center for Ocean-Atmospheric Prediction Studies (COAPS)
  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
  Statistical Consulting Center
  Terrestrial Waters Institute
  Winthrop-King Institute for Contemporary French and Francophone Studies

College of Business
  Carl DeSantis Center for Executive Management Education
  Center for Human Resource Management
  Center for Information Systems Research
  Center for Real Estate Education and Research
  Florida Catastrophic Storm Risk Management Care
  Gene Taylor/Bank of America Center for Banking and Financial Studies
  International Center for Hospitality Research and Development
  Jim Moran Institute for Global Entrepreneurship
  Marketing Institute

College of Communication and Information
  Center for Hispanic Marketing Communication
  Communication Research Center
  FSU Project Management Center
  Information Use Management and Policy Institute
  Interdisciplinary Center for Leadership, Technology Integration and Critical Literacies (I-CELTIC)
  L.L. Schendel Speech and Hearing Clinic

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

College of Education
  Center for the Study of Technology in Counseling and Career Development
  Hardee Center for Leadership and Ethics in higher Education
  The Florida State University School

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

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

College of Medicine
  Autism Institute
  Center for Rural Health Research and Policy
  Center of Excellence for Patient Safety
receive instruction in naval science courses, which, in conjunction with a baccalaureate degree, will qualify them for a commission in the United States Navy or the United States Marine Corps. Students enrolled in the University who are physically qualified, and who are United States citizens, are eligible to apply for the NROTC program.

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

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

The NROTC Unit is located in the Perry-Paige Building on the FAMU campus. For additional information, visit http://www.famu.edu/nrotc.

Written requests for information should be addressed to: Recruiting Officer, NROTC Unit, Florida Agricultural and Mechanical University, P.O. Box 6508, Tallahassee, FL 32314-6508; or call either (850) 599–8412 or 599–3980; or e-mail rrotsrec1@famu.edu.

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 US citizens and residents in Panama, Panamanian citizens, and visiting scholars from throughout the world. Courses are taught by regular and adjunct faculty as well as rotating faculty from the Tallahassee campus; students from the Tallahassee campus also study at FSU-Panama, taking advantage of the resources of Panama and the ease of receiving full academic credit from the University. Internships are arranged for Tallahassee students majoring in fields ranging from biology to international business. A full range of facilities is offered at the FSU-Panama campus, including housing, an athletic complex, a library, and computer classrooms. The campus is located at the Pacific entrance to the Panama Canal and a few miles from the center of Panama City, the nation’s capital.

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

Academic and Professional Program Services

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

In August 2005, two familiar departments, the Office of Distributed & Distance Learning and the Center for Professional Development joined forces to become Academic & Professional Program Services (APPS). The APPS unit of Florida State University is the continuing education and academic program outreach entity for the campus, the community, and students of all ages everywhere. Housed at the University Center, the experienced faculty and staff of APPS support a variety of learning opportunities as they provide services to colleges, departments, and students on campus and online. APPS can be reached online at http://apps.fsu.edu.

The following APPS units help students of all ages in their quest for lifelong learning:
FSU’s Blackboard

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

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

FSU Online

FSU Online provides personalized attention for off-campus learners by supporting online academic degree programs, applications, tuition and financial aid, and student support. Florida State University offers a wide variety of online undergraduate and graduate degree and certificate programs. Current program areas include Business, Communication Disorders, Computer Science, Criminology, Education, Information Studies, Interdisciplinary Social Sciences, Management Information Systems, Nursing, and Social Work. FSU Online staff members provide personal, ongoing educational support to distance learners across the nation throughout their entire tenure at the University. From the prospective student’s initial inquiry about a program to his or her final semester, the APPS Online staff are on hand to guide, advise, and assist.

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

A large university setting can be daunting, but when it comes to issues of admissions, registration, orientation, and academic advising, APPS provides a centralized resource to help students get the proper information so they can concentrate on coursework. For more information, please visit our Web site at [http://online.fsu.edu](http://online.fsu.edu), for initial and ongoing program inquiries and tracking, e-mail inquiries@campus.fsu.edu, or call (850) 644-8004 or toll free 1-877-FLSTATE (1-877-357-8283).

The Center for Teaching and Learning (CTL)

CTL assists instructors and faculty members by providing effective instructional strategies and technologies. Since its inception, CTL has delivered over 20,000 hours of consultation and instruction to faculty and TAs. The unit responds to an average of 400 digital media requests per year and has supported the development of some 350 online and hybrid courses.

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

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

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

The Center for Assessment and Testing (CAT)

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

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

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

The Center for Professional Development and Public Service (CPD)

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

- **Professional Development.** CPD offers building code training online, the certificate in financial planning online, continuing legal education online, and writing certificate programs. A financial planning review course is in the development stage.
- **Technology Training.** CPD offers up-to-date technical training for some of the hottest technical professions on the market, such as webmaster certification, desktop certification, desktop publishing, and MCSA. The campus-based and online courses are instructor-led and offer plenty of hands-on experience.
- **Academic Credit.** CPD provides academic credit courses, including part-time degree and certificate programs for the non-traditional student. Courses are offered on campus and at a distance. Special courses and teacher institutes are held each summer. CPD also coordinates returning student scholarships for students 23 years of age or older.
- **Personal Enrichment.** New life-learning experiences are a great source of personal satisfaction to understand the world around us. CPD continues to identify and develop new course offerings to support lifelong learners in their quest for personal enrichment and broader horizons.

For more information on CPD offerings and services, please visit us on the Web at [http://cpd.fsu.edu](http://cpd.fsu.edu).

The FSU Conference Center

The FSU Conference Center is set for reconstruction adjacent to FSU’s new five-story parking garage, the St. Augustine Parking Garage. Now that the old building has been demolished, a new world-class conference center is under construction. The new conference center will be approximately 47,000 square feet, featuring a gothic brick exterior and three floors to house a large auditorium, several breakout rooms, an executive boardroom, computer labs, food preparation facilities, and administrative offices. The new FSU Conference Center will employ the latest technology in its conferencing rooms and computer labs. The center will be capable of hosting anything from small meetings to regional conferences. The center will retain its name, honoring FSU Provost Gus Turnbull, who died of cancer in 1991.

The Center’s meeting planners are currently housed in the FSU University Center. The APPS professional staff, using auxiliary locations available in the region, can still coordinate meetings, conferences and training. See [http://conferences.fsu.edu](http://conferences.fsu.edu) for more information.

**APPS Administrative Services**

APPS administration works behind the scenes to support the rest of the organization in the following areas:

- **Registration.** APPS provides on- and off-campus registration for internal and external clients.
- **Financial Management.** APPS manages auxiliary and residual accounts for online and continuing education programs as well as FSU-sponsored conferences and institutes.
- **Information Systems.** The APPS MIS team provides desktop and network support for APPS staff and for conference visitors and presenters. It also builds and continues to maintain the University’s Institutional Effectiveness Portal.
- **Human Resources.** The APPS HR representatives process all payroll and appointments for the APPS staff as well as for online mentors, adjunct faculty for FSU departments, distance programs, and special events.
- **General Administrative Support.** The APPS administrative team provides direct oversight and guidance for the daily operations of the organization.

The Florida Center for Public Management

**Director: Shawn Baldwin**

The Florida Center for Public Management (FCPM) was established in 1978 to provide assistance to elected leaders and public managers in state and local governments in Florida. Its staff of full-time, experienced management consultants is available to help these officials improve their operations through a variety of services, including executive development seminars, organizational improvement diagnoses, leadership and staff team-building workshops, and various problem-solving techniques. FCPM efforts include the Florida Certified Public Manager Program, a nationally recognized comprehensive training and development program for public sector managers. FCPM is a part of the Askew School of Public Administration and Policy.
To obtain further information about FCPM and its services, write the Florida Center for Public Management, Florida State University, HMB 102, Tallahassee, FL 32306-2821; or call: (850) 644-6400.

Learning Systems Institute

**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 $500 million in externally funded research over its 39-year history, providing a wealth of opportunities for graduate students to gain first-hand experience with cutting-edge research. LSI faculty and students have worked in over two dozen countries around the world, in addition to leading major research and development in the United States.

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

1. Science, Technology, Engineering, and Mathematics (STEM) education research
2. Pre-K–20 education research and reform with an emphasis on reading, mathematics, science, and leadership
3. Learning communities research
4. Learning and performance support systems research and implementation
5. Multidisciplinary research related to the study of expert performance
6. International development through improved learning systems
7. Reading Research; and
8. Education policy studies and research.

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](http://www.lsi.fsu.edu).

Institute for Cognitive Sciences

**Director:** Dr. Michael Kaschak

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

L.L. Schendel Speech and Hearing Clinic

**Director:** Juliann Woods, PhD; **Associate Director:** Carla Jackson, PhD

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

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

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

Fees vary according to the nature of services. Students, faculty, and staff receive a reduced rate. Further information is available by calling: (850) 644-2238 (Voice and TDD).

Libraries

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

The libraries support the University’s educational and research missions through extensive collections and a wide range of services available to the FSU community in person and virtually. The libraries’ resources include approximately 3 million books and periodicals; over 800,000 government documents; more than 9,000 films, videos, and DVDs; and over 800,000 microforms. Access to over 300 subscription databases, 274,000 e-books, and more than 29,000 electronic journals covering a wide variety of subjects is available from offices, residence halls, homes, and other remote locations, as well as in the libraries. The online catalog is available on the library’s Web site and provides access to all the University’s collections. Worldwide information resources are available readily through the Internet. Materials and resources from other libraries are available through interlibrary loan and document delivery.

Library services include reference assistance at the help desk, workshops, and one-on-one appointments. Additionally, research assistance is available via the Internet, using IM and email.

Librarians with subject expertise help students and faculty with advanced research endeavors. The libraries also provide instruction in a technologically advanced classroom.

The libraries are continually developing new programs and frequently partner with other university departments to enhance services to the campus community. During the academic year, Strozier library is open 24 hours a day from Sunday through Friday. A faculty and graduate student research center opened in Strozier in 2008 and an undergraduate commons will open in 2009. Visit the library’s Web site for announcements of new programs and services.

Strozier Library provides equipment and facilities for viewing, editing multimedia materials. The libraries provide Internet-accessible computers with word-processing software, printers, and photocopiers for convenient use. Additional computers for research and word-processing are available in a student computer lab located in Strozier Library. Adaptive equipment and software for students with disabilities also are available.

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

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

The Warren D. Allen Music Library, located in the College of Music, contains a collection of recordings, scores, books, and periodicals that support the school’s curriculum. The library’s Web site is located at [http://music.fsu.edu/library/](http://music.fsu.edu/library/).

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

The Legal Research Center, operated by the College of Law, has a collection containing more than 500,000 volumes, and approximately 4,000 subscriptions. Legal research is complemented by an array of electronic databases, including the LexisNexis and WESTLAW legal research databases. Visit [http://www.law.fsu.edu/library/](http://www.law.fsu.edu/library/) for more information.

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

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

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

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

Undergraduate Education

Florida State University provides for undergraduate students 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 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 and six members of the National Academy of Sciences. Many of its members have received national and international recognition, and the University enjoys national ranking in a number of disciplines. The diversity and quality of the educational backgrounds of the faculty are reflected in the institutions that have granted their graduate degrees. A complete listing appears in the back of this General Bulletin.

Affiliations

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

Accreditation

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

Carnegie Foundation Classification

In its 1994 report, The Carnegie Foundation ranked Florida State University in the Doctoral/Research Universities–Extensive category, its highest category for a graduate-research university. Florida State University is one of eighty-nine American universities to have earned this designation at that time.
Research 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 2006, Florida State University's faculty generated a record $190 million in funding to supplement state funds used for research. These external funds, derived through contracts and grants from various private foundations, industries, and government agencies, are used to provide stipends for graduate students, to improve research facilities, and to support the research itself.

Many members of Florida State University's faculty are renowned scholars in their fields. In the natural sciences, Florida State University is perhaps best known for its basic research programs in physics, 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.

Special Programs

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

This unique facility supports an extensive in-house research program that advances its scientific and technical capabilities. The in-house research program is built around leading scientists and engineers who concentrate on the study of strongly correlated electron systems, molecular conductors, magnetic materials, magnetic resonance, cryogenics, and new approaches to measuring materials properties in high magnetic fields. Research at the laboratory is opening new frontiers of science at high magnetic fields, which have enormous potential for commercial and industrial applications. The laboratory also has one of the world's foremost magnet and science technology groups, which designs and builds this new generation of magnets. In 1999, the lab brought online a new 45-Tesla hybrid magnet, the most powerful 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 900 MHz magnet was completed in 2005, when lab engineers completed the 35-T—the world's highest field “resistive” magnet. The National High Magnetic Field Laboratory has many exciting research opportunities for graduate students who wish to pursue research at the edge of parameter space in any area of science utilizing these world-class resources and instrumentation.

Florida State University has established a Department of Scientific Computing to support graduate education and research, to provide a leading-edge high-performance computational facility, and to contribute a high level of computational culture beneficial to the university and the state.

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

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

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

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

The Center for Ocean-Atmospheric Prediction Studies, located at the Don Fuqua Research Complex at Innovation Park, trains oceanographers, meteorologists, and related specialists in both focused and related disciplines. Research at COAPS focuses on ocean and atmospheric dynamics and their applications to interdisciplinary studies. In particular, COAPS scientists specialize in the modeling of ocean and atmospheric dynamics, climate prediction on scales of months to decades, air-sea interaction and modeling, and predictions of socio-economic consequences of ocean-atmospheric variations. Studies of storm surges, their impacts on the shoreline, the history of coastal storms, shore characteristics, and beach erosion are conducted by the Beaches and Shores Research Center for the urgent preservation of Florida’s beaches. The center collaborates with the Florida Department of Environmental Protection and other agencies to furnish scientific underpinnings for the Florida Coastal Construction Control Line, and to foster good decision-making regarding costal 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. University Computing Services (UCS) manages a high speed network that connects computers throughout the University to each other and to the world. UCS also provides wireless connectivity to the network from most locations on the FSU campus. In addition to the global Internet, Florida State University participates in the Florida LambdaRail and the National LambdaRail project, a special high capacity state and national network for academic and research purposes.

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

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

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

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

The John and Mable Ringling Museum of Art, located in Sarasota, Florida, is the designated State Museum of Florida. In 2000, the Legislature shifted administration of the museum to Florida State University in recognition, in part, of the growing trend to maximize the educational value and potential of museums and, in part, to take advantage of the University’s commitment to the arts. That potential is especially evident through this association with the Sarasota community due to mutual strengths in the areas of the fine and performing arts and corollary interests, 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 multi-faceted 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 eighty-seven colleges and universities and a management and operating contractor for the U.S. Department of Energy (DOE), located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowships, scholarships, and research appointments; and to organize research alliances among its members. Through the Oak Ridge Institute for Science and Education, the DOE facility that ORAU manages, undergraduates, graduates, postgraduates, and faculty enjoy access to a multitude of opportunities for study and research. Students can participate in programs covering a wide variety of disciplines, including business, earth sciences, epidemiology, engineering, physics, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines.
International Commitment

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

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

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

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

Beyond Borders: International Service and Cultural Exchanges

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

Coordinator: TBD

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

Center for Intensive English Studies

Program Director: Patrick Kennell

The 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.

The Center also provides English-as-a-second-language services for the spouses of regular students at Florida State University, as well as for some already admitted international students who are experiencing difficulty in mastering the English language.

CIES has an average of 50-60 students per session, representing approximately 20 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; Director of Student Affairs and Student Services: Louisa E. Blenman; Assistant Directors: Cecil P. Bare, Danielle Branciforte, Joan Cassels, Gina Mathis.

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 1971; and in Spain since 1997, originating in Torremolinos 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 its 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 television, English literature, communications, international affairs, choral and instrumental music education, global sport management, theatre, textiles, apparel, and merchandising. In Valencia, courses are offered in Spanish language, literature, and civilization as well as art, business, English literature, humanities, and music. In the Republic of Panama, the FSU-Panama campus offers courses in a variety of liberal arts disciplines including mathematics and the sciences. FSU-Panama also functions as a 2- or 4-year degree institution serving a large population of native Panamanians. International Programs has an extensive internship program with internships in a variety of disciplines offered in London, Valencia, Florence, and Panama.

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 Australia, Belgium, China, Costa Rica, Croatia, Czech Republic, Ecuador, France, Hungary, Ireland, Japan, Russia, Scotland, South Korea, Switzerland, and Turkey. These locations host a variety of study abroad opportunities ranging from broad curriculum offerings to faculty-led programs focusing on a particular area or major. Additionally, the First Year Abroad program, created especially for high-achieving, global-thinking students, allows students to complete the first twelve months of their...
FSU career studying abroad with International Programs. Students can choose to spend their first year at any of the four study centers. 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 program offers a unique international academic opportunity for outstanding high school students. These students apply for the program in the fall, participate in university-level coursework in the spring semester using Blackboard, and then travel to a host location with faculty and advisers in the summer. International Programs is constantly adding to and updating the program offerings and locations. For the latest information, visit the Web site at http://www.international.fsu.edu or contact us at: International Programs, A5500 University Center Tallahassee, FL 32306-2420; (850) 644-3272 or (800) 374-8581; intprog1@admin.fsu.edu.

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

The Florida–Costa Rica Linkage Institute (FLORICA) is one of the three original linkage institutes established by the Florida Legislature in 1986. The International Linkage Institute Program has expanded since that time to include a total of 11 institutes throughout the state.

The intent of the Florida Legislature is for the Florida-Costa Rica Linkage Institute to offer opportunities at both the university and community-college levels for education and training; state development; curriculum development; collaborative research; technical assistance; cultural, faculty, and student exchange; intensive Spanish instruction; library materials exchange; computer linkage; and joint commercial ventures. These activities are to be undertaken in conjunction with Costa Rica’s four public universities, its Ministry of Education, and the State of Florida’s 11 state universities and 28 community colleges.

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

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

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

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

**Academic Degree and Certificate Programs**

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

### College of Arts and Sciences

**Regular Degree Programs**

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

**Combined Degree Programs**

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>American and Florida Studies</td>
<td>BS/MS</td>
</tr>
<tr>
<td>Computational Physics</td>
<td>BS/MS</td>
</tr>
<tr>
<td>Computer Science</td>
<td>BS/MS</td>
</tr>
<tr>
<td>History</td>
<td>BA/MA</td>
</tr>
<tr>
<td>Humanities</td>
<td>BA/MA</td>
</tr>
<tr>
<td>Mathematics</td>
<td>BS/MS</td>
</tr>
<tr>
<td>Philosophy</td>
<td>BA/MA</td>
</tr>
<tr>
<td>Science Teaching</td>
<td>BS/MS</td>
</tr>
<tr>
<td>Statistics</td>
<td>BS/MS</td>
</tr>
</tbody>
</table>

**Certificate Programs**

<table>
<thead>
<tr>
<th>Certificate Program</th>
<th>Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate in American and Florida Studies</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Archival Studies (History)</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Art Museum Education</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Cognitive Science (Psychology)</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Critical Theory (English)</td>
<td>Interdisciplinary</td>
</tr>
<tr>
<td>Certificate in Developmental Disabilities</td>
<td>Interdepartmental</td>
</tr>
<tr>
<td>Certificate in Editing and Publishing (English)</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Elementary School Science</td>
<td>Undergraduate</td>
</tr>
<tr>
<td>Certificate in Information Systems Security</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Interdisciplinary Humanities</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Latin American and Caribbean</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Marine Biology and Living</td>
<td>Undergraduate</td>
</tr>
<tr>
<td>Certificate in Museum Studies: Anthropology</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Museum Studies: Classics</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Museum Studies: History</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Museum Studies: Humanities</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Oceanography</td>
<td>Graduate</td>
</tr>
<tr>
<td>Certificate in Performance Management (Psychology)</td>
<td>Undergraduate</td>
</tr>
<tr>
<td>Global Pathways Certificate</td>
<td>Undergraduate, Interdisciplinary</td>
</tr>
</tbody>
</table>

**Undergraduate Studies, Division of**

**Certificate Program**

Associate in Arts Certificate, Undergraduate

**College of Business**

**Regular Degree Programs**

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>B M</td>
</tr>
<tr>
<td>Business Administration</td>
<td>B M D</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 M</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>B M</td>
</tr>
<tr>
<td>Marketing</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>

**Certificate Program**

Entrepreneurship Certificate, Undergraduate
Florida State University

College of Communication and Information

Regular Degree Programs
Communication Sciences and Disorders
Communication
Information Technology
Library and Information Studies

Combined Degree Programs
Communication

Certificate Programs
Certificate in Communication Sciences and Disorders, Undergraduate Honors
Certificate in Developmental Disabilities, Undergraduate, Interdepartmental
Certificate in Hispanic Marketing Communication, Graduate
Certificate in Project Management, Graduate
Global Pathways Certificate, Undergraduate
Certificate in Library Leadership and Management, Graduate
Certificate in Museum Studies: Information Studies, Graduate
Certificate in Reference Services, Graduate
Certificate in School Library Media Leadership, Graduate
Certificate in Web Design, Graduate
Certificate in Youth Services, Graduate

Combined Degree Program

Certificate Programs
Exceptional Student Education
Recreation Management and Leisure Services Administration

College of Criminology and Criminal Justice

Regular Degree Programs
Criminology
Computer Criminology
Criminology/Public Administration
Criminology/Social Work

Combined Degree Program
Criminology and Criminal Justice

Certificate Programs
Certificate in Corrections, Undergraduate
Certificate in Law Enforcement, Undergraduate
Certificate in Security Administration, Undergraduate
Certificate in Underwater Crime Scene Investigation, Undergraduate/Graduate, Panama Campus only

College of Education

Regular Degree Programs
Counseling and Human Systems
Counseling Psychology and Human Systems
Early Childhood Education
Educational Leadership and Policy
Educational Psychology
Elementary Education
English Education
Foundations of Education
Higher Education
Instructional Systems
Mathematics Education
Measurement and Statistics
Physical Education
Reading Education
Recreation and Leisure Services Administration
Rehabilitation Counseling
Research and Evaluation Methods

Secondary Science and/or Mathematics Teaching
Science Education
Social Science Education
Special Education
Visual Disabilities

Combined Degree Program

Certificate Programs
Certificate in Early Childhood/Special Education, Graduate
Certificate in Educational Policy, Graduate
Certificate in Educational Technology, Graduate
Certificate in Event Management, Graduate
Certificate in Human Performance Technology, Graduate
Certificate in Human Resource Development, Graduate
Certificate in Institutional Research, Graduate
Certificate in Leadership Studies, Undergraduate
Certificate in Museum Studies: Recreation and Leisure Services Administration, Graduate
Certificate in Online Instructional Development, Graduate
Certificate in Program Evaluation, Graduate
Coaching Certificate Program, Graduate
Coaching Specialization, Undergraduate
Special Event Management, Undergraduate/Graduate
Specialist Certificate in Infant/Toddler Development, Graduate
Teaching English to Speakers of Other Languages, Undergraduate/Graduate

FAMU–FSU College of Engineering

Regular Degree Programs
Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Electrical Engineering
Industrial Engineering
Materials Science
Mechanical Engineering

Combined Degree Program

Certificate Program
Certificate in Water and Environmental Resources Engineering, Graduate

Graduate School

Regular Degree Programs
Materials Science

Certificate Program
Certificate in Water and Environmental Resources Engineering, Graduate
### College of Human Sciences

**Regular Degree Programs**
- Athletic Training (B)
- Exercise Science (B M/S D)
- Family and Child Sciences (B M)
- Food and Nutrition (B M)
- Human Sciences (removal pending at B level; not published at D)
- Marriage and Family Therapy (D)

**Certificate Programs**
- Certificate in Advocacy for Children and Families, Graduate
- Certificate in Apparel Design, Graduate
- Certificate in Food Safety, Quality, and Promotion, Graduate
- Certificate in Museum Studies: Textiles and Consumer Sciences, Graduate
- Certificate in Retail Merchandising, Graduate

### College of Law

**Regular Degree Programs**
- American Law for Foreign Lawyers (P)
- Law (P)

**Joint Degree Programs**
- Information Studies and Law (MS/JD)
- International Affairs and Law (MS/JD)
- Law and Business (MBA/JD)
- Law and Economics (MS/JD)
- Public Administration and Law (MPA/JD)
- Social Work and Law (MSW/JD)
- Urban and Regional Planning and Law (MSP/JD)

**Certificate Programs**
- Certificate in Environmental, Natural Resources, and Land Use Law, Undergraduate
- Certificate in International Law, Undergraduate

### College of Medicine

**Regular Degree Programs**
- Biomedical Sciences (D)
- Medicine (P)

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

**Regular Degree Program**
- Motion Picture, Television, and Recording Arts (B M)
- Screen and Play Writing (M)

### College of Music

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

**Certificate Programs**
- Certificate in African-American Studies, Undergraduate
- Certificate in Aging Studies, Undergraduate/Graduate
- Certificate in Demography, Undergraduate
- Certificate in Dispute Resolution, Graduate
- Certificate in Emergency Management, Undergraduate/Graduate
- Certificate in Human Resource Management, Graduate
- Certificate in Political Economy, 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
Global Pathways Certificate, Undergraduate, Interdisciplinary

College of Social Work

Regular Degree Programs
Social Work  B M D
Social Work/Business Administration  M F
Social Work/Criminology & Criminal Justice  M F
Social Work/Law  M F
Social Work/Public Administration  M F

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

College of Visual Arts, Theatre, and Dance

Regular Degree Programs
American Dance Studies  M
Art Education  B M/S D
Art Therapy  M
Arts Administration  M S
Dance  M
Graphic Design  B
History and Criticism of Art  B M D
Interior Design  B M
Studio Art  B M
Theatre  B M D

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

Interdisciplinary Programs

Regular Degree Programs
American and Florida Studies  B M
Asian Studies  B M
Humanities  B
International Affairs  B M
Latin American and Caribbean Studies  B M
Marriage and the Family  D M
Materials Science  M
Physics Interdisciplinary Program  B
Public Health  M
Russian and East European Studies  B M
Social Science  B

1 Offered jointly by the College of Music and the College of Visual Arts, Theatre, and Dance
2 Denotes dual degree program
3 Offered jointly by the College of Human Sciences, the College of Social Sciences and Public Policy, and the College of Social Work.
4 Offered jointly by the College of Arts and Sciences, the College of Communication and Information, and the College of Education
Florida State University encourages applications for admission from qualified students regardless of gender, culture, race, religion, ethnic background, national origin, age, or disability. Admission of students to Florida State University is within the jurisdiction of the University, but subject to minimum standards adopted by the State Board of Education within the State of Florida, Division of Colleges and Universities. The admission requirements stated below are minimum requirements. Admission shall be on a competitive basis within curricular, spatial, and fiscal limitations, and satisfaction of minimum requirements does not guarantee admission to Florida State University.

The application for admission is available online at http://admissions.fsu.edu. When applying for admission, the Federal Privacy Act of 1974 allows colleges and universities to collect, use, and disclose to others, in connection with the provisions of its services, the University does not use social security numbers for student identification; instead, the University assigns the Florida State University Student Identification number (FSUID). An application should not be submitted earlier than one year prior to the term for which admission is desired. The Office of Admissions reserves the right to return all applications received after the published deadline for a particular term or after any enrollment limit or program limit is reached. The Office of Admissions will mail decisions regarding admission or denial on a scheduled notification system for beginning freshmen and a modified rolling schedule for transfers. Admission is for a specific term. If the student is unable to enroll for the term indicated in the letter of admission, the Office of Admissions should be informed immediately. An applicant should not assume that admission is automatically deferred to a future term.

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

Undergraduate applicants who are denied admission to the University may appeal the admission decision to the University Admissions Committee if they feel that because of some extenuating circumstance or unrevealed information, the admission decision was inequitable. Applicants are requested to appeal in writing to the Admissions Committee through the Director of Admissions. An application or residency statement submitted by or on behalf of a student that contains false, fraudulent, or incomplete statements may result in denial of admission or denial of further registration and/or invalidation of Florida State University credit and related degrees.

Prior to registering for classes, accepted students must submit information regarding their immunizations and health history, and they must provide proof of adequate health insurance coverage. For information regarding these requirements, refer to "New Students–Health Requirements" at http://www.tshc.fsu.edu. Florida State University reserves the right to cancel the admission of any applicant whose health record indicates the existence of a condition that may be harmful to members of the University community.

Admission from Secondary School

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

Application for Admission. The completed application for admission and a nonrefundable $50.00 processing fee should be submitted as soon as possible at the beginning of the senior year, preferably in September, October, or November. 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 work from the beginning of the 9th grade through whatever portion of the 12th grade has been completed at the time of application is required.

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

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

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

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

Deadlines for Applications and Supporting Documents for Secondary School Applicants

- Spring semester: November 1
- Summer semester: January 20
- Fall semester: January 20

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

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

Admission Requirements

Required High School Course Units

Specific high school course units are required for admission to the freshman class. An academic unit is the equivalent of a year-long course that is not remedial in nature. Upon graduation from high school, applicants must have earned four units of English (at least three with substantial writing requirements); three 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 three 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 minimum.

Note: Beginning in 2011, a freshman applicant to one of the Florida public universities must successfully complete four academic units in mathematics, all of which must be at the Algebra I level and higher.

Academic Qualifications

Most Florida students accepted to the University present at least a 3.5 (A-/B+) average in all academic subjects (grades 9 through 12) and test scores of at least 24 (composite) on the ACT or 1620 (total) on the SAT. In addition to academic grade point average and test scores, a variety of additional factors are considered. These include a written essay, the pattern and quality of courses and curriculum, grade trends, class rank, and educational objectives.
Applicants who bring to the University community other important attributes may also receive additional consideration. These applicants include students applying to CARE, visual and performing artists, and skilled athletes. (The profile for non-Florida applicants will be higher.)

**Center for Academic Retention and Enhancement (CARE)**

Through the Center for Academic Retention and Enhancement (CARE), the University offers a special admission program dedicated to assisting students who have been disadvantaged due to economic, educational, or cultural circumstances. CARE provides a comprehensive program of orientation and academic support designed to ease the transition from high school to college and to build a strong academic foundation. The majority of applicants selected to participate will be first generation college students from financially disadvantaged backgrounds. Students admitted to the University through CARE will begin their studies in the summer. Interested students should submit the application for admission to the University, a supplemental CARE application available at [University website], and an essay or resume describing their educational goals, and two letters of recommendation (one from a high school guidance counselor). The minimum requirements for consideration include a “C+” grade point average and either an ACT composite score of 19 or SAT total score 1330.

**Freshman Scholarships**

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

**Early Admission**

Florida State University provides an opportunity to outstanding high school students for early entry into the University. The following guidelines are used to consider these students: (1) sufficient maturity as evidenced by age at the time of admission; (2) a 3.5 or better weighted high school grade point average in the academic subjects; (3) a minimum composite score of 27 on the ACT or 1800 on the SAT; (4) sufficient strength in the academic units as evidenced by the high school transcript; (5) evidence of a lack of curricular opportunity in the existing high school setting; and (6) three 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 to ensure a place in the freshman class. Upon enrollment, the deposit will apply toward the student’s tuition.

**Admission by Transfer**

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

- Application for Admission. The completed application for admission and a nonrefundable $30 processing fee must be submitted from six to nine months prior to the term for which admission is desired. 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.

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

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

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

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

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

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

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

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

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

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

**General Admission Requirements**

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

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

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

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

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

**Teacher Education Programs**

All students planning to pursue a teacher education program at Florida State University must be formally admitted to Teacher Education. Admission to Teacher Education is administered by the Dean of the College of Education and assigned to the Office of Academic Services and Intern Support, 108 Stone Building. Note that 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 Florida CLAST
   (exemptions not acceptable) or pass the General Knowledge portion of
   the Florida Teacher Certification Examination.

Note: There is no minimum composite/total score on the ACT or SAT for ad-
mission 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, EDG 2701, 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 pro-
grams are exempt from the nine-hour Education Common Course Prerequisite
requirement.

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 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 com-

munity/junior colleges, AA degree transfers from other state universities in
Florida, 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
Computer Science
Dance
Early Childhood Education
Economics
Elementary Education
Emotional Disturbances/Learning Disabilities
Finance
Graphic Design
Hospitality Administration
Interior Design
Management
Management Information Systems
Marketing
Motion Picture, Television, and Recording Arts
Multinational Business
Music Education
Music History and Literature
Music, Liberal Arts
Music Performance
Music Theory and Composition
Music Therapy
Nursing

Psychology
Real Estate
Recreation and Leisure Services Administration
Risk Management/Insurance
Studio Art, Bachelor of Fine Arts in
Theatre
Visual Disabilities

Transfer Scholarships

Associate in Arts (AA) degree recipients from Florida public community/

junior colleges who enroll directly at the University and who display high aca-

demic achievement are awarded academic scholarships on a competitive basis
by Florida State University. Applicants with cumulative grade point averages
of at least 3.8 will be automatically considered.

International Student Admission

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

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

Application for Admission. The completed application for admission and a
nonrefundable $30.00 processing fee in U.S. currency must be submitted. If
paying by check or money order, either must be drawn on a U.S. bank and
made payable to Florida State University. The application will not be processed
without this fee and under no circumstances will the University waive or post-
pone this fee.

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

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

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

English Proficiency Test. If an applicant’s first language is not English, the
applicant must take the Test of English as a Foreign Language (TOEFL). A
minimum score of 550 on the paper-based test or 80 on the Internet-based
test is required. Effective Summer Term 2010 the University will also accept
scores of 6.5 on the International English Language Testing System (IELTS)
and 77 on the Michigan English Language Assessment Battery (MELAB)
examinations. Score reports are considered official only when they are sent
directly to the Office of Admissions from the testing agency. Examinee copies
are not considered official.

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

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

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

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

Certification of Finances. Certification of finances must be completed be-
fore 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
admission requirements of secondary school academic performance (academic courses only), academic units, and test scores.

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

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

Notice of Admission

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

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

Finances

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

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

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

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

The annual estimated costs listed below are for the 2008–2009 academic year. Costs for the 2009–2010 academic year were not available at date of publication.

<table>
<thead>
<tr>
<th>Cost</th>
<th>2008-2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition/Fees</td>
<td>$18,452.00</td>
</tr>
<tr>
<td>Books and Supplies</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Room and Board</td>
<td>8,178.00</td>
</tr>
<tr>
<td>Health Insurance</td>
<td>1,443.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$29,073.00</strong></td>
</tr>
</tbody>
</table>

1. The tuition and fee estimate is based on fifteen (15) credit hours for an undergraduate international student attending two (2) terms per year. (International students must register for a minimum of twelve hours each term.) It is estimated that an additional $5,535 will be necessary for tuition and fees if the student will be attending summer school. Contact the Office of Admissions or refer to http://admissions.fsu.edu/intl for the approved 2009–2010 fees.

2. Average academic-year cost for an on-campus residence hall (does not include Alumni Village) and one of the most popular meal plans. An estimated additional $2,489 is needed for summer room and board. Contact the Housing Office or refer to http://www.housing.fsu.edu for the approved 2009–2010 rental costs. Contact Seminole Dining or refer to http://www.seminoledining.com for the 2009–2010 actual costs.

Passports and Visas

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

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


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

If students are coming to the University specifically for the purpose of studying, they need to apply for a Student Visa (F-1 or J-1). It is granted upon presentation of a Certificate of Eligibility (Form I-20 for the F-1 visa and Form DS-2019 for the J-1 visa that is typically granted to government-funded students) and proof that sufficient financial support to cover all expenses for the entire period of study in the United States is available. Undergraduate students holding F-1 or J-1 visas are required to carry at least twelve semester hours each semester.

International Center

Upon arrival at Florida State University, international students must immediately check in with the International Center to have their immigration documents copied. All international students must attend the International Student Orientation. 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

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

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

Intensive English Program

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

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

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 Panama City Campus

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

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

Readmission

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

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

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

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

When a student has withdrawn from the University three 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 make a recommendation to the dean of the student’s college who will make the final decision.

Special (Non-Degree Seeking) Student Regulations

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

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

The Special Student section in the Office of Admissions reserves the right to return all applications received after the published deadline for a particular term or after any enrollment limit is reached.

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

Work taken as a special student does not automatically carry undergraduate degree credit; however, up to fifteen semester hours earned as a special student may be applied toward an undergraduate degree with approval of the appropriate dean at the time of reclassification or later.

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

All registration by special students is on a space-available basis 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 also must obtain approval from the appropriate departmental representative before submitting the form to the Office of Admissions. If approval for dual enrollment is granted, the student follows the prescribed registration procedures and adheres to the fee schedule established by this institution. The approval of one institution does not bind the other to comply. A Florida State University student wishing to dual enroll at Tallahassee Community College should refer to the “Office of the University Registrar” chapter of this General Bulletin.

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

Interinstitutional Transient Students

A student at another institution who wishes to take advantage of special resources and/or programs not available at the home institution should submit an interinstitutional transient student application that has been approved by the home institution to the Office of Admissions by the published deadline. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) If approval for 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 “Office of the University Registrar” chapter of this General Bulletin.

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

University Controller: Michael Williams;
Associate Vice President for Budget, Planning, and Financial Services: Rafael Alvarez;
Director, Office of Student Financial Services: Marcia Murphy

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

Tuition Payments and Arrangements. The student’s Web name and password are required to access the Online Account Statement at http://www.mymoney.fsu.edu. Tuition and fees are due according to the posted deadline at http://www.sfs.fsu.edu. Financial aid is disbursed during the second week of the semester, and as received thereafter. We encourage students to submit their third-party agency billings as soon as they have registered for classes. 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 Student Assessment Payment Schedule on the Internet at http://www.mymoney.fsu.edu to verify the accuracy of the charges. At the time of payment, students should also review their payment receipt to verify the payment made, any outstanding charges owed, or any arrangements outstanding. Credit and debit card payments can be made through the Internet at http://www.fees.fsu.edu. Students who do not pay tuition and fees or make payment arrangements by the established deadline will be assessed a $100.00 late payment fee and may have their course schedule cancelled.

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

Residency Requirements for Tuition Purposes
At Florida State University there are four offices responsible for the review of residency for tuition purposes under Section 1009.21, Florida Statutes, and Florida Board of Governors Rule 6C-7.005. These offices are: (1) the Office of Admissions, (2) 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 University Registrar is the only office to which students can apply for changes in residency once they are enrolled. First-time-on-campus or returning students will be classified in accordance with the information on their applications, including the “Florida Resident Affidavit,” providing no other information is available calling into question the information on the application.

To qualify as a Florida resident for tuition purposes, students must meet the requirements, as defined by Florida Statutes, for the definitions of instructional and administrative personnel employed by the public school system, community college, college, state college, or university in Florida (and spouse/dependent children); AND

have established a legal residence in this state and maintained that legal residence for 12 months immediately prior to the term in which they are seeking Florida resident classification. Students’ residence in Florida must be as a bona fide domiciliary rather than for the purpose of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education, and should be demonstrated as indicated below (for dependent students as defined by Internal Revenue Service regulations, a parent or legal guardian must qualify).

AND

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;

Be an active-duty member of the armed services of the United States stationed in Florida, or whose home of record is Florida (and spouse/dependent children);

Be a full-time instructional or administrative staff member (refer to Section 1012.01, Florida Statutes, for the definitions of instructional and administrative personnel employed by the public school system, community college, college, state college, or university in Florida (and spouse/dependent children);
Every effort will be made to publicize changes for any semester in advance of the registration date for that semester. Current information is available on the Internet at the “Money Matters” section of http://www.studentsfirst.fsu.edu.

Students are assessed fees based on the level of the course as established by the State Board of Education and the Florida State Legislature. Fees applicable to 2009-2010 had not been confirmed by the Florida Legislature at the time of the publication of this document.

### Actual Course Fee Charge per Credit Hour 2008-2009 at the FSU Main Campus

<table>
<thead>
<tr>
<th>Course Level</th>
<th>In-State &amp; Out-of-State Before 7/1/07</th>
<th>Out-of-State &amp; Before 7/1/07</th>
<th>In-State &amp; Out-of-State After 7/1/07</th>
<th>Out-of-State &amp; After 7/1/07</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-4999</td>
<td>$122.62**</td>
<td>$604.10*</td>
<td>$129.58*</td>
<td>$611.06*</td>
</tr>
</tbody>
</table>

*Includes Tuition Differential Fee

### Actual Course Fee Charge per Credit Hour 2008-2009 at the FSU Panama City Campus

<table>
<thead>
<tr>
<th>Course Level</th>
<th>In-State &amp; Out-of-State Before 7/1/07</th>
<th>Alabama/Georgia Special Rate* &amp; Before 7/1/07</th>
<th>Out-of-State &amp; Before 7/1/07</th>
<th>Alabama/Georgia Special Rate* &amp; After 7/1/07</th>
<th>Out-of-State &amp; After 7/1/07</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-4999</td>
<td>$99.42</td>
<td>$119.42</td>
<td>$580.90</td>
<td>$587.86</td>
<td>$587.86</td>
</tr>
</tbody>
</table>

*Visit http://www.pc.fsu.edu/index.cfm?P1=TuitionFees&P2=474

<table>
<thead>
<tr>
<th>Course Level</th>
<th>In-State &amp; Out-of-State Before 7/1/07</th>
<th>Alabama/Georgia Special Rate* &amp; Before 7/1/07</th>
<th>Out-of-State &amp; Before 7/1/07</th>
<th>Alabama/Georgia Special Rate* &amp; After 7/1/07</th>
<th>Out-of-State &amp; After 7/1/07</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-4999</td>
<td>$106.38</td>
<td>$126.38</td>
<td>$587.86</td>
<td>$587.86</td>
<td>$587.86</td>
</tr>
</tbody>
</table>

*Visit http://www.pc.fsu.edu/index.cfm?P1=TuitionFees&P2=474

### 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. This is a nonrefundable fee.

**Late Registration Fee:** $100.00. A late registration fee is assessed when a student does not begin registration during the time provided under the academic calendar.
Late Payment Fee: $100.00. A late payment fee is assessed against students who do not pay their tuition in full by the required due dates (see the “Academic Calendar” in this General Bulletin).

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

This fee may be paid when tuition is paid.

FSUCard Term Fee: An FSUCard semi-annual fee of $5.00 applies to all main-campus students each Fall and Spring semester.

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

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

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

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

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

Transportation Access Fee: $7.40 per credit hour. Rate subject to change.

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

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

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

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

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

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

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

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

Library Fees

(Fees subject to change)

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

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

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

Fines for Late Return of Interlibrary Loan Items: At cost.

Housing Costs

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

Annual Estimate of Cost

The annual estimated costs listed below are for the 2008–2009 academic year. Costs for the 2009–2010 academic year were not available at the date of publication.

Undergraduate

(In-state)  (Out-of-state)

Tuition and Fees1  $4,007.00  $18,452.00

Housing  2  4,780.00  4,780.00

Food  2  3,398.00  3,398.00

Books/Supplies  1,000.00  1,000.00

Subtotal  $13,185.00  $27,630.00

Health Insurance4  $1,443.00  $1,443.00

TOTAL  $14,628.00  $29,073.00

1 The tuition and fee estimate is based on fifteen semester hours for an undergraduate student attending two terms (Fall and Spring) per year. Contact the Office of Admissions or refer to http://admissions.fsu.edu/costs for approved 2009–2010 fees.

2 Average academic year (Fall and Spring) cost for an on-campus residence hall. Contact the Office of University Housing or refer to http://www.housing.fsu.edu for approved 2009–2010 rental rates.

3 Allows students up to fifteen meals per week. Contact Seminole Dining or refer to http://www.seminoledining.com for 2009–2010 actual costs.

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.tsch.fsu.edu for additional information.

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

Payment of Fees

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

Method of Payment

Students who enroll must pay fees and tuition in full, or initiate an installment contract by the tuition payment deadline. We encourage students to submit their third-party agency billings as soon as they have registered for classes. All waivers, agency billings, and department billings for all students must be submitted by the third day of the term. Financial aid deferments will be entered by the Office of Financial Aid for eligible student accounts. If tuition is not
paid or arrangements have not been made by the posted deadlines, a late payment fee will be assessed. Any course added after the tuition payment deadline must be paid in full within five (5) days or a $100.00 late payment fee will be assessed. The University does not send out a bill because students may change their course schedule and therefore the amount owed through the fourth day of the semester. Tuition and fees should be paid by the fee payment deadline as posted at http://www.sfs.fsu.edu. Note that University Housing and other University related fees have separate and earlier deadlines. Students can, however, get the amount of their tuition and fees due on the Internet at http://www.mymoney.fsu.edu or when they register for classes through the Web. Other options include accessing the kiosks located on the first floor of University Center A Building, at the Office of Student Financial Aid, telephone 850-644-5452, or at the A1500 University Center, 8:30 a.m.–4:30 p.m. Monday–Friday.

Students may pay by check, cash, money order, cashier checks, or FSUCard when paying in person. Florida State University does not accept two-party checks or foreign checks for payment. Make checks payable to Florida State 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. We accept FSUCards, American Express, Discover, MasterCard, Visa, and electronic checks via Internet only. Payment methods are described below. Credit card payments can only be made through the Internet at http://www.fees.fsu.edu or at kiosks located around campus. There is a $5.00 non-refundable flat fee for each transaction.

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

Convenient Drop Box for Payments. The Office of Student Financial Services has kiosks for student use at the first floor of the University Center Building A, near our office at A1500. Students may verify the amount due for tuition and fees (at the kiosks or through the Internet at http://www.fees.fsu.edu), insert a check, money order or cashier checks in the provided envelope, and put the envelope in the drop box. Payments are processed the next business day. Payments made by drop box will be considered late if the payment deadline is 4:30 p.m. or after. The payment deadline will be considered late on time. Payments inserted after 4:30 p.m. will be considered late and assessed a $100.00 late payment fee. Please do not deposit cash. We will not process foreign checks or two-party checks. Make checks payable to Florida State University and 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 completed properly will be considered late.

Mail-In Tuition and Fee Payments Must Be Received by the Deadline. When paying fees by mail, send a personal check, money order, or cashier check for the full amount of fees due. Please do not send cash. Checks not received by the tuition payment deadline will be considered late and will be assessed a $100.00 late payment fee. We will not process foreign checks, checks not completed properly, or two-party checks. Make checks payable to Florida State 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 returned. Payments must 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 (30) days in advance. Those students receiving financial aid should submit the documents by the third day of the semester; otherwise, tuition will be deducted from the student’s financial aid and refunds will not be made to the student until the agency or department makes their payment to the Office of Student Financial Services. Financial aid students must report this payment as an income source on their application, or upon further evaluation by the Office of Student Financial Aid, the student may be “over-awarded” and may be required to repay financial aid to the University. For information regarding departmental billings, undergraduate students should contact the Dean of the Faculties at 644-3375; graduate students should contact the Dean of the Graduate School at 644-3500.

State Employee Registration

State employees may use the state employee tuition waiver to register for Florida State University classes. Registration in classes using the state employee tuition waiver is limited to a space-available basis. Individuals using the state tuition waiver must be fully admitted degree-seeking or non-degree-seeking students. Florida State University does not consider the following to be space-while-enrolled courses: remedial courses; limited access programs; firefighter training, 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 classes; graduate program courses in the College of Business; and other one-to-one instruction courses. Accordingly, state employee tuition waivers may not be used for these courses.

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 for prior to this space-available registration window. Thus, for any class obtained prior to the fifth day of classes, the student assumes personal financial liability for tuition.

Additional restrictions and deadlines apply. See the Office of the University Registrar’s Website at http://www.fsu.edu/services/emp_tuit_waive for additional information, including the link to download the State Employee Tuition Waiver form.

Panama City Campus

Students who wish to enroll at the Panama City campus of Florida State University may pay their fees at Cashier’s Office, 4750 West Collegiate Drive, Panama City, FL 32405 or online, at http://www.fees.fsu.edu. The cashier’s office is happy to answer your questions concerning fee payments; please call (850) 770-2120 or email us at 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://www.mymoney.fsu.edu. The 2008-2009 local fees, excluding books, not covered by the Prepaid College Program total approximately $24.33 per hour, plus lab fees ranging from $3.25 to $35.00, plus the Transportation Access Fee. Students using the Florida Prepaid College Program are responsible for paying local fees by the tuition payment deadline of the main campus semester or they will be assessed a $100.00 late payment fee. (Rate subject to change.) Fees applicable to the 2009-2010 academic year had not been confirmed by the Florida Legislature at the time this document
was published. Additional information may be obtained by writing: Florida Prepaid College Program, P.O. Box 6448, Tallahassee, FL 32314-6448 or by calling 1-800-352-4723 or at http://www.fsba.state.fl.us/prepaid.

Fee Liability

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

Repeat Course Surcharge

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

Effective Fall 2008 Semester, the repeat course surcharge was $175.84 per credit hour.

NOTE: The rate is subject to change for the 2009-2010 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.

Repeat Course Surcharge Appeal

Section 1009.285, Florida Statutes, provides authorities 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. Non-refundable collection fees, as well as legal fees and interest assessment through court judgments, are added to a student’s account if the student has had an outstanding debt for 120 days or longer. When an account is sent to a collection agency, the customer must make payment arrangements directly with the agency. Payment arrangements do not permit student privileges such as registration, official transcripts, etc. Accounts must be paid in full to obtain further privileges.

Registration Stop for Outstanding Charges

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

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

In accordance with Board of Governors Rule 6C-7.002 (6), F.A.C., students who do not pay tuition and fees or make arrangements for tuition and fee payment by the published deadline each semester will have their schedules canceled. Students will be notified using their FSU e-mail account concern-
application 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.

Deferrals 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 deferrals 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 A1500 University Center no later than the third day of the term. Outstanding tuition from a previous semester will be deducted from financial aid received during a current semester. A refund will not be processed until payment is made by the agency or department. Agency billing forms are available through the Internet at http://www.sfs.fsu.edu.

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

Refund of Fees

Regulations Concerning Refund of Fees Paid

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 during that term.

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

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

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

Note: In the case where a withdrawal petition is approved, a refund can only be provided if the refund withdrawal request is submitted within six (6) months after the end of the semester/term in which the withdrawal occurred. If financial aid is received by the student during the term in which the refund is granted, state and federal regulations may require that the refund be returned to the aid source.

An application for a request for refund of fees should be submitted as follows:

- 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. Associate Director of Housing, 109 Student Life Building
- Parking Decals. Director of Parking, C2300 University Center
- Textbooks. Manager of Florida State University Bookstore, Parking Garage, Main Level

Withdrawal and Return of Financial Aid

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

Students must repay the unearned Title IV funds to any Title IV loan program, in accordance with the terms of the loan. For Title IV loan programs, unearned grant program funds are considered overpayments, and students are required to return 50 percent (50%) of the grant. Students who owe grant overpayments remain eligible for Title IV program funds for forty-five 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 or 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 four days of a semester or Summer session by submitting a written request to the Office of the University Registrar, A3900 University Center, or to Withdrawal Services, A4300 University Center. Students who cancel their registration within this time frame are not liable for tuition; if tuition has been paid, such students should request a full refund of fees. Beyond the fifth day of the semester, a student cannot voluntarily cancel registration but must apply for withdrawal from the University. Students who cancel their registration and are not enrolled for the following term (not enrolled for two consecutive terms) must apply for readmission.

Financial Aid
Director, Office of Financial Aid: Darryl Marshall

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

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

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.

Access is also available by calling the Express Telephone System (ETS) from 8:00 a.m. through 6:00 a.m. (22 hours per day) at (850) 644-0539. The hours of operation for the Office of Financial Aid are 8:30 a.m. to 5:00 p.m., Monday through Friday. Counseling is available by phone or at the information center Monday through Friday, 8:30 a.m. to 5:00 p.m.

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

Undergraduate Students
Undergraduate students may apply for many types of aid, including scholarships, grants, work study, and loans. To apply for federal and state grants, federal work-study and/or federal loans, students must complete the Free Application for Federal Student Aid (FAFSA) at http://www.fafsa.ed.gov.

Students who have previously completed a baccalaureate degree may not be eligible for all types of aid when seeking a second undergraduate degree.

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

Eligibility
Financial aid eligibility requirements normally include a minimum enrollment of twelve (12) semester hours in a degree-granting program. Regulations governing federal and state financial aid programs require that students maintain satisfactory progress and good academic standing to receive financial aid.

Twelve (12) hours per semester constitutes a full-time load for graduate students and fellowship holders. Nine (9) hours is defined as a full-time load for graduate assistantship holders on a quarter-time appointment or larger.

Deadlines
The federal financial aid application period for the 2010-2011 year begins January 1, 2010, and ends June 30, 2011. 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, 2010. 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 http://www.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, veteran’s benefits, 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 can not be awarded aid until he/she is officially accepted for admission to Florida State University.

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

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

Students who prefer an alternative format or who have questions about loans or the loan entrance counseling information process may contact the Office of Financial Aid.

Fees and Financial Aid Students
The University distributes aid in two ways for all registered financial aid students whose funds are available to the Office of Student Financial Services. Students must complete an Account Refund Setup form online at www.my-money.fsu.edu, by choosing one of the following two ways to receive financial aid:

1. By Electronic Funds Transfer (EFT) to your FSUCard Account at SunTrust. 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.

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

Beginning of the semester, additional funds that become available will be disbursed daily and mailed or sent to the FSU Card 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://mymoney.fsu.edu. If you have any questions, please contact the Office of Student Financial Services at (850) 644-9452, via e-mail at sfs@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. If the tuition payment deadline (see date in the “Academic Calendar” in this General Bulletin) is past, 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/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://www.mymoney.fsu.edu and log in; you will then see your courses and fees detailed. With your temporary deferment, your total balance may show “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 sfs@fsu.edu or (850) 644-9452. Also, check your financial aid status at http://www.studentsfirst.fsu.edu. If the student’s aid is not available by the expiration date, it is the student’s responsibility to pay tuition in full. Failure to pay by the expiration date will result in a late payment fee assessment of $100.00, and your schedule for the next semester may be cancelled. Additionally, registration will not be permitted and transcripts and diplomas will not be mailed until debts are paid in full.

Delayed Delivery Loans

Students in need of funds as a result of financial aid being delayed may apply for a delayed delivery loan 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. Delayed Delivery 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 form. Students must have either paid or deferred their full amount of tuition by the tuition payment deadline in order to be eligible for short term loans. Delayed delivery loans are due when the financial aid arrives, or by the financial aid deferment deadline, whichever comes first. Debts not paid will prohibit students from using University services such as registration, transcripts, etc.

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

Emergency Loans

Students who have emergency situations such as death in the family or unexpected 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 as 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 repayments can be made to Florida State University by FSU Card, cash, cashier’s check, or money order, or the original check can be brought to the Office of Student Financial Services, 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 (6) semester hours. These loans include Perkins (NDSL), Subsidized Stafford (GSL), and Unsubsidized Stafford (UGSL) loans. Failure to complete this procedure will result in the withholding of diploma, transcripts, and other University services. To complete this requirement, students should go to the Secure Apps page on Blackboard (www.campus.fsu.edu) and select the “Exit Interview for Financial Aid” option. Students will need their user name and password to sign onto the 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.

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.

The Federal Work Study Program (FWSP)

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

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

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

**Residence Halls**

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

University facilities on the main campus include 16 residence halls accommodating approximately 6,111 single undergraduates; one apartment facility with 40 single-occupancy efficiencies; 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 rates include mail service, direct computer connections, and refrigerator rental. The cost of a standard double, air-conditioned room is $1,950.00* 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 in the housing agreement.

**Apartment Housing for Single Students**

- **Rogers Hall** (apartments) monthly, per student (including utilities and local telephone): $394.00*
- **McCollum Hall** (apartments), per semester, per student (including utilities and local telephone): $2,060.00–$2,660.00.*

**Alumni Village**

- **One-bedroom furnished apartment:** $365.00–$394.00*
- **Two-bedroom furnished apartment:** $390.00–$548.00*
- **Three-bedroom furnished apartment:** $565.00–$623.00*

**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 2008–2009 figures and are subject to change. 2009-2010 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 suitemates 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](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 both to assist residents with academic and interpersonal problems and to organize social, recreational, and educational events. Residents are encouraged to be active in their communities through their hall governments.

Several special living units help to develop a sense of community among their residents. Here students join together to share personal and academic interests. Liberal studies honors students may reside in Landis Hall, where staff and residents share a commitment to the 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 (WISE)**, 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 improving 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 freshman students who have declared nursing as their major.

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

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

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

Other Options

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

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

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

<table>
<thead>
<tr>
<th>Residence Halls</th>
<th>Residents</th>
<th>Visitation Policy</th>
<th>Special Programs/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broward</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Suite Style</td>
</tr>
<tr>
<td>Bryan</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Bryan Hall Learning Community; freshmen only. Suite Style</td>
</tr>
<tr>
<td>Cawthon</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Women in Math, Science, and Engineering Program. Suite Style</td>
</tr>
<tr>
<td>DeGraff</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Public Affairs Learning Community. Suite Style</td>
</tr>
<tr>
<td>Deviney</td>
<td>Co-ed</td>
<td>Limited</td>
<td>Community-style living</td>
</tr>
<tr>
<td>Dorman</td>
<td>Co-ed</td>
<td>Limited</td>
<td>Community-style living</td>
</tr>
<tr>
<td>Gilchrist</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Suite Style</td>
</tr>
<tr>
<td>Jennie Murphree</td>
<td>Women</td>
<td>Limited</td>
<td>Suite Style</td>
</tr>
<tr>
<td>Kellum</td>
<td>Co-ed</td>
<td>Limited</td>
<td>Community-style living</td>
</tr>
<tr>
<td>Landis</td>
<td>Co-ed</td>
<td>Self-Regulated</td>
<td>Suite Style; Honors Community</td>
</tr>
<tr>
<td>Reynolds</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Semi-private baths; Wellness Lifestyle Program; Pre-Health Professions Learning Community</td>
</tr>
<tr>
<td>Salley</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Suites: two students/room, four/study, four/bath</td>
</tr>
<tr>
<td>Smith</td>
<td>Co-ed</td>
<td>Limited</td>
<td>Community-style living</td>
</tr>
<tr>
<td>Wildwood Hall</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Social Justice Living-Learning Community; Nursing Living-Learning Community; Suite Style</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Apartments</th>
<th>Residents</th>
<th>Visitation Policy</th>
<th>Special Programs/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>McCollum</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Sophomores, juniors, and seniors; efficiencies and townhouses</td>
</tr>
<tr>
<td>Rogers</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Graduates and older undergraduates: limited availability for undergraduate residence hall students</td>
</tr>
<tr>
<td>Ragans Hall</td>
<td>Co-ed</td>
<td>Self-regulated</td>
<td>Older undergraduates and graduates</td>
</tr>
</tbody>
</table>
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 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 term on campus until they have completed an orientation session. Although they may be admitted up to a year before they enter, students may only attend orientation immediately prior to their enrollment. The Office of 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) and first-year experience course for new students. Family Members have the option to participation in Family Connection, an association for the parents and other family members of current FSU students.

All admitted undergraduate students receive information and instructions about registering for orientation by mail. 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](http://www.nsfp.fsu.edu) or call (850) 644-2785.

People 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](http://www.disabilitycenter.fsu.edu).

International Center

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 International Center advisers, even regarding academic matters.

Students also receive the International Student Handbook, as well as useful materials about International Center 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 International Center staff, obtaining health insurance, clearing required immunizations at the Thagard Student Health Center, and attending the International Student Orientation.

To obtain more information on F1 and J1 student visa status and on the International Center and its services and programs, please visit [http://www.ic.fsu.edu](http://www.ic.fsu.edu) or contact the International Center at 945 Learning Way; phone (850) 644-1702; fax (850) 644-9951; email: intctr@admin.fsu.edu.

Note: In early 2010, the International Center will move to its new address: 110 South Woodward Avenue.
Students are advised to organize their material and plan their schedule during each academic term, so that they can register for their courses before their term begins. Registration at Florida State University is conducted by Web site. To register online, go to 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.

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

How to Find a Course in This Bulletin

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

How to Request Course Descriptions

You may request course descriptions through the Registrar’s office by visiting http://registrar.fsu.edu/services/acad_pub/. For more information, please contact Geo Laws at (850) 644-3027 or glaws@admin.fsu.edu.

How to Request Campus Maps

Each campus entity may request printed copies of the campus map through the Registrar’s Office. Maps are produced annually. Facilities Planning and Construction maintains Web and pdf versions of the campus map which may be viewed online at http://www.fsu.edu/Campus/newmap/. For more information, please contact Geo Laws at (850) 644-3027 or glaws@admin.fsu.edu.

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 advisor’s approval through the drop/add process.

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

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

Registration Permits

All permits, such as underloads, overloads, directed individual study (DIS), satisfactory/unsatisfactory (S/U) grading, and requests to take a graduate course by undergraduate students, should ideally 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 advisor. Students are responsible for ensuring that the Office of the University Registrar has copies of these permits on file.

Course/Credit Modification

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

Required Preparatory Courses

A student entering as a freshman who has a score of 430 or below on the Verbal Subtest administered as part of the Scholastic Aptitude Test (recentered SAT), 16 or below on the English section of the Enhanced American College Testing Program examination (ACT), or 82 or below on the Florida College Entry-Level Placement Test (CELP), or failure to pass the on-campus writing test administered by FSU’s English department, will be required during the first term of enrollment to take precollege work in composition, ENC 0020, offered by the Tallahassee Community College. Those students with a recentered SAT score of 430 or below, an Enhanced ACT reading score of 17 or below, or 82 or below on the Florida College Entry-Level Placement Test (CELP) will be required to take the Nelson-Denny Reading Test. Depending upon the score earned on this test, students may be exempt from a preparatory reading course or they may be required to enroll in either REA 0002 (offered by Tallahassee Community College) or REA 1905 (offered by FSU). A student entering as a freshman whose score on the recentered SAT Verbal Subtest is 440–470 or on the Enhanced ACT English is 17–18 will be required to enroll in ENC 1905s. 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 recertified SAT mathematics score of 430 or below, an Enhanced ACT mathematics score of 18 or below (or its equivalent) or 71 or less on the Florida CELPT must take the on-campus Supplemental Mathematics Skills test. On the basis of scores on the SAT/ACT mathematics tests and the Supplemental Mathematics Skills test, students will, as space permits, be: (1) placed in MGF 1106 or higher; or (2) be required to take community college preparatory course work in mathematics, either MAT 0024C or MAT 1033. Tallahassee Community College (TCC) offers MAT 1033 on the campus of Florida State University (FSU) 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 MAT 0024C 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 course work must be completed with a passing grade.

**Steps 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 (including admissions documents, fiscal deficiency, lack of satisfactory Florida College Level Academic Skills Test (CLAST) scores, or failure to process readmission papers after a withdrawal or after a two-term absence (including the Summer term) from the University. Also, failure to meet specific requirements of a University college, school, or department, the judicial office, or the office of special students may indicate a registration stop.

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

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

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

**Registrar Cancellation of Schedule**

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

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

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

In accordance with Board of Governors Rule 6C-7.002 (6), F.A.C., students who do not pay tuition and fees or make arrangements for tuition and fee payment by the published deadline each semester will have their schedules 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 12th week of the Fall and Spring semesters (consult the Registration Guide for Summer term deadlines). Prior to a student’s appeal being approved, the Office of Student Financial Services must verify that payment for the current term has been received or that appropriate arrangements have been made for tuition and fee payment. Students whose schedules are reinstated are subject to a $100.00 late registration fee and a $100.00 late payment fee. Check or credit card payments that are returned or refused will negate any tuition payment agreement for the reinstatement of a student’s schedule. The University reserves the right to deny reinstatement when a demonstrated pattern of tuition delinquencies over two or more semesters has occurred.

**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 fifth day of classes, a student cannot voluntarily cancel registration but must apply for withdrawal from the university. Students who cancel their registration within this time frame are not liable for tuition; if tuition has been paid, such students should request a full refund of fees. Students who cancel their registration and are not enrolled for the following term (non-enrollment for two consecutive terms) must apply for readmission.

International students who wish to cancel their registration must request and receive prior authorization from an International Center 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. 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). Courses dropped during this period do not appear on the student’s transcript. To add courses after the first four days of classes requires the academic dean’s approval.

A cumulative maximum of two courses may be dropped between the eighth 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. Approval by the student’s academic dean is required. Courses dropped during this period appear on the student’s transcript with the notation “W.”

After the twelfth week of classes (with dates prorated for individual Summer sessions), courses may be dropped only in documented exceptional circumstances (i.e. 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 do not attend the classes receive grades of “F” if the courses are not officially dropped. Students changing from a previous catalog year should consult their academic dean regarding limitations concerning the policy described above.

**Students Called to Active Military Duty**

Students called to active duty who wish to receive incompetes 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, A3918 University Center.

**Directed Individual Study Courses**

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

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

Students who wish to receive graduate credit for such course work must obtain approval of the dean, the department chair, and the instructor offering the course prior to registration for the graduate course. After approval, up to twelve 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. Within the policy of the student’s home university, courses taken at the host university must be graded on a satisfactory/unsatisfactory (S/U) basis;
4. The final grade obtained by the student shall be reported directly to the student’s home university for entering on the student’s transcript. Grades, credits, and quality points are treated as home-institution work;
5. All tuition and fees are paid to the home institution; and
6. Faculty and full-time students at either institution have equal access to the library facilities at both institutions.

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

Tallahassee Community College/Florida State University Cooperative Program

A student at one institution may enroll at the other institution under the following conditions:
1. Admission. A Tallahassee Community College student wishing to dual enroll at Florida State University must obtain specific approval from the designated representative in the Office of Enrollment Services at Tallahassee Community College and the Office of Admissions at Florida State University. (Consult the “University Calendar” chapter of this General Bulletin for specific application deadlines.) Florida State University students planning to take courses at Tallahassee Community College must obtain the approval of their academic dean and the Office of the University Registrar prior to submitting the registration request to the Office of Enrollment Services at Tallahassee Community College;
2. Registration. Courses taken at the host institution must not be offered at the home institution. If there is a shortage of classroom space, interinstitutional students will be given lower priority for scheduling than home students.
Note: Interinstitutional students will be expected to follow prescribed registration procedures at each institution. If academic term calendars of the institutions vary, students will be expected to attend all classes, complete examinations, and discharge other responsibilities normally required of students in accordance with the schedule of each institution;
3. Fees. The student will pay fees to the host institution;
4. Records and Certification. Each institution will maintain its own permanent record of courses taken. Unofficial grade reports will be exchanged by the institutions at the end of each term. Certifications of enrollment or progress will be made by each institution when requested by the student for Selective Service, Veteran’s Administration, or other purposes.

Interinstitutional Transient Students

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

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

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

Auditor Seating Privileges

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

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

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

Registration of Special (Non-Degree Seeking) Students

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

Transcripts

The Office of the University Registrar issues official transcripts at the written request of the student. Individuals needing official transcripts should make a written request directly to the transcript section of the Office of the University Registrar or online at http://campus.fsu.edu.

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

A charge of $5.00 will be assessed for each official transcript issued. Unofficial transcripts are available to students free of charge. Visit http://campus.fsu.edu, click the Secure Apps tab and select My Unofficial Transcript.

Enrollment Certification

All student certifications will be by official request only. Students in need of enrollment verification should submit an electronic request through the Secure Apps section of 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.
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.
Purpose

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

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

University Policy on Advising

General Statement on Advising

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

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

The Student’s Role in Advisement

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

1. Assume responsibility for knowing the rules, regulations, and policies of the University and the requirements pertaining to the student’s degree program and will consult the University General Bulletin and Registration Guide for up-to-date information
2. Furnish a current address and immediately inform the Office of the University Registrar of any changes of address
3. Know the student’s adviser, make timely contact with the adviser upon arrival on campus and during the first semester, and continue to see the adviser at least once a term until achieving junior status
4. See the student’s adviser or academic dean immediately after being placed on academic warning or probation
5. Notify the appropriate dean’s office of any change in intended major or 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 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, Television, and Recording Arts, and the Departments of Dance and Theatre BFA Programs (College of Visual Arts, Theatre, and Dance). In these programs, advisers are assigned by the dean of the respective schools. Typically, students are assigned to either full-time professional or faculty advisers. Advisers of freshmen and sophomores assist students with understanding liberal studies requirements and other University policies and procedures. (See the “Undergraduate Degree Requirements” chapter of this General Bulletin for a discussion of the Liberal Studies Program and other degree requirements.)

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

Assignment of Advisers

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

Academic Interest Mapping (“Mapping” or AIMS)

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

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 Advising First Center for Exploratory Students 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 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. All incoming freshmen are monitored for Semester 1 milestone criteria, regardless of the number of hours that students may bring in through dual enrollment and/or credit by examination.

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

Declaring or Changing Majors

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

Lower-division students are allowed to change their major at any time during the semester by bringing 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://www.fsu.edu/~ugstude/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 reallocation 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 Advising First Office 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 Undergraduate Degree Requirements in this General Bulletin for additional details.

Advising First

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

Along with being housed in colleges and departments, Advising First advisers are also available in the UCA Advising Center, the William Johnston Building Exploratory Advising Center, the Classroom Building, Strozier Library, and a variety of other “floating” locations across campus. The William Johnston Building Exploratory Advising Center focuses on advising freshman and sophomore students who are not ready to declare an intended major. This center works closely with students to help them take the appropriate liberal studies and introductory courses while exploring their available academic and career options. The UCA Advising Center, located in University Center A3200, focuses on assisting students with major changes and working with students who are required to change their majors under the University mapping system. For more information, contact Advising First’s administrative office at 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 on the following Web site: http://www ais.fsu.edu/ais/applications/student/index.html.
Preprofessional Majors

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

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

Academic Support for Athletes

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

Center for Academic Retention and Enhancement (CARE)

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

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

The center provides a high-school-to-college Summer Bridge Program that includes: intensive academic and social orientation to the University; introduction of participants to the responsibilities and opportunities of college life; encouragement of the development of useful study habits; and assistance with recognizing potential for success. A3500 University Center; (850) 644-9699.

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

Pre-Collegiate Programs

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

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

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

Reading/Writing Center

The Reading/Writing Center provides individualized instruction in reading, writing, and study skills. The Center offers ENC 1905, required for freshmen who score 450-470 on the verbal section of the SAT or 17-18 on the Enhanced ACT. It also offers directed individual study in reading and writing to undergraduate and graduate students at all levels. Students sign up for one to three elective credits (ENC 1905, REA 1905, and ENG 5998) and undertake a course of study designed to meet their specific needs. Students may also receive free short-term tutorial instruction on a no-credit, walk-in basis. Help in preparing for the Florida CLAST, GRE, and LSAT is also available. The Center is located at WMS 222C. For additional information, please call (850) 644-6493 or visit http://writing.fsu.edu/rwc.

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 and 2313. The center also offers assistance with the computation section of the Florida CLAST. Center hours are announced each semester by course instructors. The hours are also posted at the help center at 110 Milton Carothers Hall and at 208 Love Building.

Curricular-Career Information Services (CCIS)

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

Bryan Hall Learning Community

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

Freshman Interest Groups (FIGs)

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

Office of National Fellowships

The Office of National Fellowships assists students in pursuing opportunities for enrichment by providing information and support throughout the fellowship application process. Through one-on-one mentoring and direct assistance for over 60 nationally competitive fellowships, we help students to identify and achieve their academic, public service, creative, and leadership goals. For more information, contact the Office of National Fellowships at A3550 University Center; (850) 645-2208; http://ohnf.fsu.edu.

Office of Undergraduate Research and Creative Endeavors

The Office of Undergraduate Research and Creative Endeavors (URACE) 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 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. For more information, contact URACE staff members at 3600A University Center, call (850) 645-8118, or visit the Web site at http://undergradresearch.fsu.edu/.

Office of Undergraduate Studies

Associate Dean: Gregory Beaumont

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

In addition to serving as the academic dean’s office for most freshmen and sophomores, the Office of Undergraduate Studies performs two important academic functions:
1. The office evaluates all transfer credit to determine how it applies to Florida State University’s liberal studies requirements and prepares liberal studies check sheets for each undergraduate transfer student who enters without an Associate in Arts (AA) degree from a Florida public senior or community college. See the “Undergraduate Degree Requirements” chapter of this General Bulletin for details. Decisions about transfer credit applying toward a major requirement are made in the office of the dean responsible for that major; and

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

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

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

Transfer from Undergraduate Studies to Major Advisement Program

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

Eligibility for Transfer to Major Advisement

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

1. Completion of at least fifty-two semester hours of credit;
2. Successful completion of at least one-half of the required semester hours in the Liberal Studies Program, including all required liberal studies courses in freshman composition and freshman mathematics (Areas I and II of the Liberal Studies Program—see the “Undergraduate Degree Requirements” chapter of this General Bulletin);
3. Achievement of a minimum adjusted grade point average (GPA) of 2.0 or above on work attempted at Florida State University; and
4. Acceptance by a baccalaureate dean for admission to a major’s advisement program.

A student who has attempted seventy-five 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, and have passed the Florida College Level Academic Skills Test (Florida CLAST) or approved alternative.

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

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

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

Baccalaureate Degree Requirements: An Overview

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

General Requirements

1. Satisfactory completion (a minimum adjusted grade point average of 2.0 on all courses used for liberal studies) of Florida State University’s Liberal Studies Program, thirty-six 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 course work in composition and mathematics. Students are expected to demonstrate proficiency in the use of spoken and written English in all of their courses;
3. Satisfactory completion of the Florida CLAST or approved alternative;
4. Satisfactory completion of major requirements in a chosen degree program, including additional requirements set by the college offering the degree. The student’s degree program will appear on the baccalaureate diploma. If a student satisfies all requirements for two majors, including admission, prerequisite, core, etc., both degree programs may appear on the diploma;
5. A minimum adjusted grade point average (GPA) of 2.0 on all course work taken at Florida State University and an overall 2.0 average on all college-level work attempted;
6. Successful completion of a minimum of one hundred twenty unduplicated semester hours, only two hours of which may be in physical education activity courses;
7. Completion of at least forty semester hours in courses numbered 3000 and above;
8. Completion of the last thirty 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;
9. Sixty (60) semester hours of the work credited toward a baccalaureate degree must be earned in an accredited senior institution;
10. Students who have entered a university in the State of Florida, Division of Colleges and Universities, with fewer than sixty 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 eleven State of Florida senior institutions. The University President may waive the application of this rule in cases of unusual hardship to the individual. Students wishing waivers submit written requests giving the details of their hardships through their academic deans to the Dean of the Faculties. Students entering Florida State University beginning with Summer C 2002 will be exempt from the Summer term requirement if they have earned nine semester hours of credit through approved acceleration mechanisms as identified in Florida Statutes (AP, IB, AICE, CLEP, approved dual enrollment courses);
11. 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; and
12. Successful completion of coursework constituting the student’s program of studies, minor, honors thesis, or certification examination does not guarantee award of the baccalaureate degree. Faculty judgment of the academic performance of the student is inherent in the educational process in determining whether the award of the baccalaureate degree or admission into a higher level degree program is warranted.

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

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

State Mandated Academic Learning Compacts (SMALCs)

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

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

Successful performance related to the State Mandated Academic Learning Compacts specific to your degree is a requirement for graduation.

Visit http://learningforlife.fsu.edu/smalcs/plearningcompact.cfm to view the current version of the SMALCs for your degree. Simply select your major, and detailed information is provided. You may also obtain information pertaining to SMALCs by contacting the academic departments.
The Division of Undergraduate Studies is responsible for the supervision and monitoring of all state- and University-wide degree requirements as well as University-wide academic support offices. Overseen by the Dean of Undergraduate Studies, the division includes the Office of Undergraduate Studies (the academic home of most freshmen and sophomores), Advising First, the Center for Academic Retention and Enhancement (CARE), the University Honors Program, Transfer and Information Services, the Office of National Fellowships, and the Office of Undergraduate Research and Creative Endeavors. For further information on these academic support offices see ‘Honors Program’ in the “University Honors Program and Honor Societies” chapter and ‘Advising First’, the ‘Center for Academic Retention and Enhancement’, ‘Office of Undergraduate Research and Creative Endeavors’, and ‘Transfer and Information Services’ in the “Academic Advising and Support Services” chapter of this General Bulletin.

Freshmen and sophomores have their programs and course work supervised by the Office of Undergraduate Studies. Exceptions to this placement are students accepted into the College of Music; College of Motion Pictures, Television, and Recording Arts; or into the Bachelor of Fine Arts (BFA) program in theatre or dance. Students in these performance majors are advised and supervised directly within their own schools or departments. The Office of Undergraduate Studies is the dean’s office that administers the academic and advisement program, regardless of intended major, for all other freshman and sophomore students.

The Liberal Studies Program

As one of its primary goals, a university education should foster in the student a spirit of free inquiry into humane values, while developing the mind as an instrument of analysis and synthesis. Essential to the student’s quest for knowledge and to responsible participation in society is an understanding of one’s self and of the natural and social environment. The Liberal Studies Program is intended, therefore, to provide a perspective on the qualities, accomplishments, and aspirations of human beings, the past and present civilizations they have created, and the natural and technological world they inhabit. The Liberal Studies Program, designed to ensure breadth in the student’s academic experience, while at the same time affording flexibility in satisfying requirements, may be extended throughout the undergraduate years with the exception of Areas I and II. The five areas of liberal studies provide students with essential competencies and introduce the student to broad areas of knowledge.

Students are required to complete (or be exempted from with credit) a minimum of six 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 course work or by combination of course work and credit by examination within the limits set below:

1. **Credit by Examination.** A maximum of thirty semester hours of credit earned through examination may be applied to the liberal studies requirements;
2. **Course Work.** An overall 2.0 average or better is required for course work used to satisfy the liberal studies requirements;
3. To satisfy the requirements of Florida State University for Section 1007.25, Florida Statutes, students must also earn a grade of “C–” or better in each of the courses used to fulfill the liberal studies requirements in Area I (mathematics), Area II (English composition), and four more liberal studies courses designated by the Undergraduate Policy Committee as requiring 3,000 words of writing (courses indicated with a “W”);
4. Courses listed as “directed individual study” (DIS), “senior honors thesis,” or “senior seminar” cannot apply to the Liberal Studies Program;
5. No course may be applied to more than one area of the program;
6. No courses taken on a satisfactory/unsatisfactory (S/U) basis may apply to the liberal studies requirement;
7. A student who transfers to Florida State University from a Florida public community/junior college or senior institution will be deemed to have satisfied the University’s liberal studies requirement if all general education requirements stipulated by the community/junior college or senior institution have been met and the student’s transcript has been so marked; and
8. A course approved for liberal studies credit at the time the course was completed will meet liberal studies requirements, even if the course was not listed as a liberal studies course in the General Bulletin under which the student entered.

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

**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 2091W 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 Seminole and Southeastern Tribes (3)
- ASH 1044xW Middle Eastern History and Civilization (3)
- ASH 310KxW History of Africa (3)
- EUN 2000W Ancient and Medieval Civilizations (3)
- EUN 3205W 19th-Century Europe: A Survey (3)
- EUN 3530W England, the Empire, and the Commonwealth (3)
- HIS 3464W History of Modern Science (3)
- LAH 1093xW Latin America: A Cross-Cultural History (3)
- WOH 1023W The Modern World to 1815 (3)
- WOH 1030W The Modern World Since 1815 (3)

**Social Science**

- AFA 3101W Theory and Dynamics of Racism and Oppression (3)
- ANT 2410x Introduction to Cultural Anthropology (3)
- ANT 2416x Childhood Around the World (3)
- ANT 2470xW Anthropology of Globalization (3)
Area IV. Humanities/Fine Arts

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

**NOTE:** Credit limit for dance series DAN 3144 – 3145 – 3146; credit toward the liberal studies requirement is limited to one (1) semester hour in each ensemble course.

**MUT 1001** Fundamentals of Music Theory (3)
**MUT 1011** Music Theory for the Non-Music Major (3)
**PHI 3130W** Plato and His Predecessors (3)
**PHI 3140W** Aristotle to Augustine (3)
**PHI 3400W** Modern Philosophy (3)
**PHI 2010W** Introduction to Philosophy (3)
**PHI 2100W** Reasoning and Critical Thinking (3)
**PHI 2620W** Environmental Ethics (3)
**PHI 2630W** Ethical Issues and Life Choices (3)
**PHI 3400W** History and Philosophy of Science (3)
**PHI 3800W** Philosophy of the Arts (3)
**PHI 3882W** Philosophy in Literature (3)
**PHM 2121y** Philosophy of Race, Class and Gender (3)
**PHM 2300W** Introduction to Political Philosophy (3)
**PHM 3123y** Philosophy of Feminism (3)
**REL 1300W** Introduction to World Religions (3)
**REL 2121y** Religion in the United States (3)
**REL 2210W** Introduction to the Old Testament (3)
**REL 2240W** Introduction to the New Testament (3)
**REL 2315x** Religions of South Asia (3)
**REL 3054W** Ethics of Science (3)
**REL 3145W** Gender and Religion (3)
**REL 3170xW** Religious Ethics and Moral Problems (3)
**REL 3493** Religion and Science (3)
**REL 3500W** The Christian Tradition (3)
**REL 3607W** The Jewish Tradition (3)
**RUT 3110y** Russian Literature in English Translation (3)
**RUT 3523** Russian Cinema (3)
**SLL 3500x** Slavic Culture and Civilization (3)
**SLL 3510x** The Slavic Vampire (3)
**SPT 3130W** Latin American Literature in Translation (3)
**SPT 3391r** Hispanic Cinema (3)
**THE 2000yW** Introduction to Theatre (3)
**THE 3061** Introduction to Theatre in London (3)
**THE 3214W** World Theatre History II (3)
**WST 3251y** Women in Western Culture: Images and Realities (3)

**Note:** Credit limit for dance series DAN 3144 – 3145 – 3146; credit toward liberal studies requirement will be given for only one course.
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 Introduction to Physical Anthropology and Prehistory (1)
- ANT 2511x Introduction to Physical Anthropology and Prehistory (3)
- AST 1002 Planets, Stars, and Galaxies (3)
- AST 1002L Introductory Astronomy Laboratory (1)
- AST 3033 Recent Advances in Astronomy and Cosmology (3)
- BSC 1005 General Biology for Non-majors (3)
- BSC 1005L General Biology Laboratory for Non-majors (1)
- BSC 2010 Biological Science I (3), (For science majors.)
- BSC 2010L Biological Science I Laboratory (1)
- BSC 2011 Biological Science II (3), (For science majors.)
- BSC 2011L Animal Diversity Laboratory (2), (For science majors.)
- CHM 1020 Chemistry for Liberal Studies (3)
- CHM 1020L Chemistry for Liberal Studies Laboratory (1)
- CHM 1032 Survey of General Chemistry (3)
- CHM 1045 General Chemistry I (3)
- CHM 1045L General Chemistry Laboratory I (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 2010C Physical Geology (4), (For science majors.)
- GLY 2100 Historical Geology (3)
- GLY 2100L Historical Geology Laboratory (1)
- HUN 1201 The Science of Nutrition (3)
- ISC 2033x Global Change: Its Scientific and Human Dimensions (3)
- ISC 2937rW Natural Science Honors Seminar (3), (For honors students only.)
- MET 1010 Introduction to the Atmosphere (3)
- MET 1010L Introductory Meteorology Laboratory (1)
- MET 2101 Physical Climatology (3), (For science majors.)
- MET 2700 General Meteorology (3), (For science majors.)
- OCB 2302 Biology of Marine Mammals (3)
- OCE 1001 Elementary Oceanography (3)
- PHY 1020 Fundamentals of Physics (3)
- PHY 1020L Fundamentals of Physics Laboratory (1)
- PHY 1075C Physics of Light and Sound (4)
- PHY 2048C General Physics A (5), (For science majors.)
- PHY 2048C General Physics B (5), (For science majors.)
- PHY 2053C College Physics A (4), (For science majors.)
- PHY 2054C College Physics B (4), (For science majors.)
- PSB 2000 Introduction to Brain and Behavior (3)
- PSC 2801C Physical Science for EC/EE Teachers (4)
- SPA 2001 Communication Sciences and Disorders (3)

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

How Transfer Credit Applies to the Liberal Studies Program

The Office of Undergraduate Studies evaluates transfer credits as they apply to the Liberal Studies Program and loads the results into the SASS system. Students with the AA degree or General Education Statement from a Florida public senior or community college or other colleges with which 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 2470 Anthropology of Globalization (3)
- ANT 2511 Introduction to Physical Anthropology and Prehistory (3)
- ANT 3141 World Prehistory (3)
- ANT 3212 Peoples of the World (3)
- ANT 3231 Introduction to Folklore (3)
- ANT 3610 Languages of World 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 4337 Peoples and Cultures of Amazonia (3)
- ANT 4352 Peoples and Cultures of Africa (3)
- ANT 4362 Peoples and Cultures of Southeast Asia (3)
- ANT 4363 Japanese Society and Culture (3)
- ANT 4364 Chinese Society and Culture (3)
- ANT 4422 Kinship and Social Organization (3)
- ARH 2090 Great Discoveries in World Archaeology (3)
- ARH 2581 A Survey of “Tribal Arts” Past and Present (3)
- ARH 3530 The Arts of Asia (3)
- ARH 3582 Arts and Cultures of the South Pacific (3)
- ARH 4551 Arts of China (3)
- ARH 4554 Arts of Japan (3)
- ARH 4583 The Arts of Oceania, Africa and Native America (3)
- ASH 1044 Middle Eastern History and Civilization (3)
- ASH 3100 History of Asia (3)
- CJC 3677 Crimes against Humanity (3)
- CHT 339r 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 3520 Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3)
- CPO 3541 Politics of China (3)
- ECS 3003 Comparative Economic Systems (3)
- ECS 4013 Economics of Development (3)
- GEA 1000 World Geography (3)
- GEO 1400 Human Geography (3)
- GEO 4421 Cultural Geography (3)
- HHD 2125 Multicultural Perspectives in Residential Environments (3)
- HOE 3330 Human Sciences and Human Development: Global Perspectives (3)
- HUM 3324 Cultural Imperialism (3)
- HUN 2125 Food and Society (3)
- ISC 2003 Global Change: Its Scientific and Human Dimensions (3)
- JPT 3391 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 2512 Music Cultures of the World I (2)
- MUH 2513 Music Cultures of the World II (2)
- *Note: Students must take MUH 2512 and MUH 2513 or one of them and MUN 2800r or 4803r.*
MUH 4572 Music of Japan (3)
PHM 2300 Introduction to Political Philosophy (3)
PRT 3391r Brazilian Literature and Film in Translation (3)
REL 1300 Introduction to World Religions (3)
REL 2315 Religions of South Asia (3)
REL 3170 Religious Ethnicity and Moral Problems (3)
REL 3340 The Buddhist Tradition (3)
REL 3363 The Islamic Tradition (3)
REL 4333 Modern Hinduism (3)
RUT 3500 Modern Russian Life (3)
SLL 3500 Slavic Culture and Civilization (3)
SLL 3510 The Slavic Vampire (3)
SPC 4710 Intercultural Communication (3)
SPN 3520 Cultures of Latin America (3)
SPT 3130 Latin American Literature in Translation (3)
SYD 3020 Population and Society (3)
SYO 3200 Sociology of Religion (3)
URP 4402 Sustainable Development Planning in the Americas (3)
WST 3251 Women in Western Culture: Images and Realities (3)

**Oral Communication Competency**

Competency in oral communication is indicated by demonstrating the ability to 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 substitutions may include but not be limited to:
   a. A grade of “B” or above in a high school oral communication or speech class;
   b. Verified successful participation in a forensic or debate program in high school, community college, or college; or
   c. Passing with a “C-” or higher 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 competence credit:
   a. Earn a grade of “C-” or better in a course (1–3 semester hours) in which the student must demonstrate the ability to:
      1. Petition to have prior demonstration of oral communication competency accepted in place of an approved Florida State University course. Acceptable substitutions may include but not be limited to:
         a. A grade of “B” or above in a high school oral communication or speech class;
         b. Verified successful participation in a forensic or debate program in high school, community college, or college; or
         c. Passing with a “C-” or better in another college or university (including community college).

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)
CCJ 4209 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)
EEL 4911C Senior Design Project I (3)
EES 3040 Introduction to Environmental Engineering Science (1)
AND
CGN 4502 Pre-Senior Design and Professional Issues (2)
AND
CGN 4502 Senior Design Project I (3)

Note: All three courses must be taken to satisfy the requirement.

EML 4551C Senior Design Project I (3)
1. By scoring appropriately on an examination administered on campus by the Department of Mathematics;

2. By obtaining a score of at least 680 on the mathematics test of the SAT or the equivalent score (30) on the mathematics test of the Enhanced ACT; or

3. By satisfying College-Level Examination Program (CLEP) requirements in mathematics for postadmission exemptions of course work.

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

An Advanced Placement calculus score of 3 or higher will satisfy the second mathematics course for Section 1007.25, Florida Statutes.

A student may also be allowed to satisfy the English component of Section 1007.25, Florida Statutes, through one of the following methods:

1. Students who score 650 or higher on the verbal portion of the Scholastic Assessment Test (SAT-1) 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 Language 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 provisions of Section 1007.25, Florida Statutes, but who have not received the AA degree will be deemed to have satisfied the requirements of Section 1007.25, Florida Statutes, if the previous institution indicates, by notation on the transcript or by some other form of written certification, that the student has satisfied the rule before leaving that institution.

Transferring students who do not fall into either of the above categories will be required to satisfy Florida State University’s Plan for Section 1007.25, Florida Statutes.

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

Florida College Level Academic Skills Test

At the time of publication, new legislation was pending that may change the way the CLAST requirement may be satisfied. Please consult your academic advisor for updated information.

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

Beginning January 1st, 1996, the following alternatives have been approved to meet statewide requirements of the Florida CLAST. Students who plan to major in a teacher education program must take and achieve a passing score on all sections of the CLAST; or, if students have otherwise met CLAST requirements by one of options 1 through 3 below, they may substitute a passing score on the General Knowledge portion of the Florida Teacher Certification Exam instead of taking CLAST.

1. Any student who achieves a cumulative grade point average of 2.5 or above, on a 4.0 scale, in postsecondary-level English and mathematics course work identified by The Postsecondary Education Planning Commission, shall be exempt from the requirement for passing the CLAST subtest in question.

2. SAT I (re-centered) Scores: any student who achieves a math score of 500 or above has satisfied the Computation section; any student who achieves a verbal score of 500 or above has satisfied the reading, English language skills, and essay section requirements of CLAST.

3. Enhanced ACT Scores: students who achieve a score of 21 or above in mathematics have satisfied the computation section requirement of CLAST; students who achieve a score of 22 or above in reading have satisfied the reading section requirement of CLAST; students who achieve a score of 21 or above in English have satisfied the English language skills and the essay section requirement of CLAST.
Individual student scores will become a part of the permanent record of the student. Passing scores for students taking the Florida CLAST during the period of August 1986 through July 1989 are as follows: Reading—270; English Language Skills—270; Computation—275; Essay—4. Passing scores for students taking the Florida CLAST during the period August 1989 through September 1991 are: Reading—295; English Language Skills—295; Computation—285; Essay—4. Passing scores for students taking the Florida CLAST during the period October 1991 through September 1992 are: Reading—295; English Language Skills—295; Computation—290; Essay—5. Passing scores for students taking the Florida CLAST after September 30, 1992, are: Reading, English Language Skills, Computation—295; Essay—6. Note: Because of a change in the grading scale, students not passing the Essay subtest prior to October 1, 1991 must earn a minimum score of 5 to complete the Essay subtest requirement.

All subtests of the Florida CLAST must be passed by the term a student earns ninety-six semester hours of credit. Students exceeding ninety-six semester hours without passing the Florida CLAST will not be able to continue in major course work until appropriate scores have been achieved.

Students must register for and take the Florida CLAST prior to completing their sophomore year. The following skills will be measured:

**Reading Skills**
- Recognizing main ideas
- Identifying supporting details
- Determining meanings of words
- Recognizing author’s purpose
- Distinguishing between fact and opinion
- Detecting bias
- Recognizing author’s tone
- Recognizing relationships within and between sentences
- Recognizing valid arguments
- Drawing inferences and conclusions

**Writing Skills**
- Determining the purpose for writing
- Limiting the subject to the requirements of time, purpose, and audience
- Formulating a thesis statement
- Providing adequate and relevant supporting details
- Arranging ideas in a logical organizational pattern with effective transition between parts
- Using words that convey the meaning required by context
- Avoiding slang, jargon, clichés, pretentious expressions, and wordiness
- Placing modifiers correctly
- Coordinating and subordinating sentence elements
- Using parallel expressions for parallel ideas
- Avoiding fragments, comma splices, and fused sentences
- Using a variety of sentence patterns
- Avoiding unnecessary use of passive construction
- Avoiding awkward constructions
- Using standard verb forms
- Maintaining agreement between subject and verb, pronoun and antecedent
- Using proper case forms
- Using standard spelling, punctuation, and capitalization
- Maintaining a consistent point of view

**Computational Skills: Algorithms**
- Adding, subtracting, multiplying, and dividing real numbers, including rational numbers in decimal and fractional forms
- Rounding measurements
- Calculating distances, areas, and volumes
- Applying the order-of-operations agreement
- Using scientific notation
- Solving linear equations and inequalities
- Using given formulas to compute results without geometric measurement
- Identifying information contained in graphs
- Determining the mean, median, and mode
- Selecting the sample space associated with an experiment
- Deducing facts of set inclusion or set noninclusion from a diagram

**Concepts**
- Recognizing the meaning of exponents
- Recognizing the role of the base number in numeral systems
- Identifying equivalent forms of decimals, percents, and fractions
- Determining the order relation between magnitudes
- Recognizing horizontal, vertical, parallel, perpendicular, and intersecting lines
- Identifying relationships between angle measures
- Classifying simple plane figures by recognizing their properties
- Recognizing similar triangles and their properties
- Identifying types of measurement (linear, square, cubic) for geometric objects
- Recognizing and using abstract properties of operations
- Determining whether a number is among the solutions of a given equation or equality
- Recognizing statements of proportionality and variation
- Identifying regions of the coordinate plane that correspond to specific conditions
- Recognizing the properties of the normal curve
- Recognizing samples that are representative of a given population
- Identifying the probability of a specified outcome
- Identifying simple and compound statements and their negations
- Determining equivalence and nonequivalence of statements
- Drawing logical conclusions from data
- Recognizing invalid arguments with true conclusions
- Distinguishing between fallacious and nonfallacious arguments
- Recognizing proof by contradiction
- Identifying characteristics of tasks that computers perform well
- Identifying human functions necessary to use computers
- Identifying possible abuses of computer use

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

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

Most courses regularly taken by freshmen and sophomores involve the reading skills covered on the Florida CLAST. Writing skills are specifically addressed in the Liberal Studies Program by the courses in written communication listed under Area II, English Composition. Special instruction is available in the Reading/Writing Center of the Department of English. Many of the computational skills in arithmetic, geometry, and measurement should be mastered before the student enters the University, but assistance in reviewing these skills can be obtained through the Mathematics Help Center of the Department of Mathematics or through a community college course. All computational skills beyond that level are included in the following set of courses: MAC 1105, 1140; MGF 1106, 1107; and STA 1013. For specific details about...
which skills are covered in particular courses, students should consult the Department of Mathematics. Special instruction in these skills is also available in the Mathematics Help Center.

**CLAST Waiver Criteria**

Section 1008.29 and (6), Florida Statutes, and State Board of Education rule 6A-10.0311(7) provide for a waiver of the passing score on a Florida CLAST subtest for students other than those with specific learning disabilities. A student is eligible to apply for a waiver of the passing score on the Florida CLAST if the student can demonstrate proficiency in the discipline of the appropriate subtest. A student who has failed a subtest of the Florida CLAST four or more times but who also demonstrates proficiency in the discipline corresponding to the subtest may petition for a waiver with the student’s academic dean. If the academic dean believes the student has demonstrated proficiency in the area of the failed subtest, the academic dean may request that the Committee on CLAST Waivers consider the student’s appeal. Florida State University’s President grants the waiver upon recommendation by the committee. Florida State University has adopted the following working definition of **proficiency**: proficiency in language ability generally means the ability to use the language acceptably and correctly in the four skill areas of listening, speaking, reading, and writing.

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

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

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

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

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

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

**Progression to Upper Division**

For progression to upper-division status at Florida State University, a student must meet the following minimum requirements:

1. Completion of at least sixty semester hours of college credit;
2. Presentation of appropriate scores on the Florida CLAST or approved alternative;
3. Achievement of a minimum adjusted GPA of 2.0 on all work attempted at Florida State University;

**Note:** Some degree programs require a higher GPA for admission to upper-division status.

4. Students who began college work prior to October 15, 1982 must complete a minimum of one-half of the required semester hours from the required liberal studies curriculum, including English composition and undergraduate mathematics;
5. Students who began their college-level work on or after October 15, 1982 must complete a minimum of one-half of the required semester hours from the liberal studies curriculum, including courses fulfilling Section 1007.25, Florida Statutes (“Gordon Rule”). A minimum grade of “C-” is required in each of the courses used to fulfill Section 1007.25, Florida Statutes;
6. Acceptance by a college for admission to a degree program.

Transfer from a lower-division major advisement program to an upper-division degree program is completed by the student’s baccalaureate dean after the student has declared a choice and has been declared eligible for transfer under the above requirements. Transfer from undergraduate studies directly into a baccalaureate degree program is accomplished between the Office of Undergraduate Studies and the appropriate baccalaureate dean under the same conditions.

All transfer students admitted to the University who do not meet the above requirements for admission to an upper-division degree program (except those students majoring in music, dance, or the BFA in theatre) and who have fewer than fifty-two 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; and
3. Personally submit the original copy of the approved change form to the Office of the University Registrar.

### The Associate in Arts

The Associate in Arts (AA) certificate may be granted through the Division of Undergraduate Studies to students who have completed sixty 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 and passing Florida CLAST scores or approved alternative are required for the AA certificate. Students beginning their college program January 1983 or later must also meet the requirements of Section 1007.25, Florida Statutes.

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

The 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 matriculate into a teacher-education program at Florida State University must:

1. Complete all University liberal studies requirements; and
2. Pass the CLAST or the General Knowledge portion of the Florida Teacher Certification Exam (FTCE); and
3. Achieve a passing score on the Professional Knowledge and Subject Area tests of the Florida Teacher Certification Exam (FTCE) prior to completion of program requirements. Students must also complete:

   1. Specified degree prerequisites referred to in the appropriate program chapters of this General Bulletin;
   2. Specific admission criteria described in the “Admissions” and “College of Education” chapters of this General Bulletin; and
   3. The “General Requirements” described earlier in this chapter of the General Bulletin.

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

Florida State University’s general requirements for all baccalaureate degrees (bachelor’s degrees) are listed at the beginning of this chapter under “General Requirements.”

Graduation Checks

All undergraduate students must request a graduation check from the Office of the University Registrar, Graduation Section, A3900 University Center. This check will be an overview of university requirements needed for graduation. This request should be made at the time the student has earned ninety semester hours of credit or two terms prior to the planned graduation date. Florida CLAST scores must appear on the transcript.

Request for a graduation check of major requirements must be made to the student’s academic dean one term prior to graduation. If a graduation check has not been requested by the time the student reaches one-hundred semester hours, 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 may 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); and
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.

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 or Florida CLAST requirements for the second degree.

To obtain a second major, one must meet all requirements of the college of the primary major but only the major requirements of the secondary major. For information about the second major see “Second Majors and Academic Regulations” in the “Academic Regulations and Procedures” chapter of this General Bulletin.

Degrees of Distinction

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

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

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

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

Graduation “With Honors”

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

American Sign Language as a Foreign Language

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

Academic Honor Policy

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

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

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

FSU Academic Honor Pledge

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

Academic Honor Violations

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

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

2. Cheating. Improper application of any information or material that is used in evaluating academic work. Typical examples include: copying from another student’s paper or receiving unauthorized assistance during a quiz, test or examination; using books, notes, or other devices (e.g., calculators, cell phones, or computers) when these are not authorized; procuring without authorization a copy of or information about an examination before the scheduled exercise; 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. Intentional and unauthorized altering or inventing of any information or citation that is used in assessing academic work. Typical examples include: inventing or counterfeiting data or information; falsely citing the source of information; altering the record of or reporting false information about practicum or clinical experiences; altering grade reports or other academic records; submitting a false excuse for absence or tardiness in a scheduled academic exercise; 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; or 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; or deliberately furnishing false information.

8. Attempting to commit any offense as outlined above.

Student Rights

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

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

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

Students are also accorded the following prerogatives:

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

2. Privacy, confidentiality, and personal security;

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

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

5. To contest the sanctions of a first-level agreement and to appeal both the decision and sanctions of an Academic Honor Hearing.

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

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

Procedures for Resolving Cases

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

If a student observes a violation of the Academic Honor Policy, he or she should report the incident to the instructor of the course. When an instructor believes that a student has violated the Academic Honor Policy in one of the instructor’s classes, the instructor must first contact the Office of the Dean of the Faculties to report the alleged violation to determine whether to proceed with a Step 1 agreement. The instructor must also inform the department chair or dean. (Teaching assistants must seek guidance from their supervising faculty member.) However, faculty members or others who do not have administrative authority for
enforcing the Academic Integrity Policy should not be informed of the allegation, unless they have established a legitimate need to know. If a student is found not to have committed the violation, the instructor may then impose a lesser penalty. In some circumstances, the student may appeal the decision. Appeals may be made to the Dean of Students Department. The appeal process allows the student to present additional information and evidence in support of their position.

Sanctions

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

1. Additional academic work;
2. A reduced grade (including “0” or “F”) for the assignment;
3. A reduced grade (including “F”) for the course;
4. Reprimand (written or verbal);
5. Educational Activities – attendance at educational programs, interviews with appropriate officials, planning, and implementing educational programs, or other educational activities. Fees may be charged to cover the cost of educational activities;
6. Restitution;
7. Conduct Probation – a period of time during which any further violation of the Academic Honor Policy may result in more serious sanctions being imposed. Some of the restrictions that may be placed on the student during the probationary period include, but are not limited to: participation in student activities or representation of the University on athletic teams or in other leadership positions;
8. Disciplinary Probation – a period of time during which any further violation of the Academic Honor Policy puts the student’s status with the University in jeopardy. If the student is found “responsible” for another violation during the period of Disciplinary Probation, serious consideration will be given to imposing a sanction of Suspension, Dismissal, or Expulsion. The restrictions that may be placed on the student during this time period are the same as those under Conduct Probation;
9. Suspension – Separation from the University for a specified period, not to exceed two years;
10. Dismissal – Separation from the University for an indefinite period of time. Readmission is possible but not guaranteed and will only be considered after two years from the effective date of the dismissal, based on meeting all admission criteria and obtaining clearance from the Dean of Students or designee;
11. Expulsion – Separation from the University without the possibility of readmission;
12. Withholding of diplomas, transcripts, or other records for a specified period of time; and/or
13. Revocation of degree, in cases where an egregious offense is discovered after graduation.
Appeals

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

On appeal, the burden of proof shifts to the student to prove that an error has occurred. The only recognized grounds for appeal are:
1. Due process errors involving violations of a student’s rights that substantially affected the outcome of the initial hearing;
2. Demonstrated prejudice against the charged student by any panel member. Such prejudice must be evidenced by a conflict of interest, bias, pressure, or influence that precluded a fair and impartial hearing;
3. New information that was not available at the time of the original hearing;
4. A sanction that is extraordinarily disproportionate to the offense committed; or
5. The preponderance of the evidence presented at the hearing does not support a finding of responsible. Appeals based on this consideration will be limited to a review of the record of the initial hearing.

The procedures followed during the appeals process are:
1. The student should file a written letter of appeal to the Office of the Dean of the Faculties within 10 class days after being notified of the Academic Honor Policy Hearing Panel decision. This letter should outline the grounds for the appeal (see 1–5 above) and should provide supporting facts and relevant documentation.
2. The Academic Honor Policy Appeal Committee will review this letter of appeal and will hear the student and any witnesses called by the student, except in appeals based on consideration #5 above. The committee may also gather any additional information it deems necessary to make a determination in the case.
3. The Appeals Committee may affirm, modify, or reverse the initial panel decision, or it may order a new hearing to be held. This decision becomes final agency action when it is approved by the Provost. In cases where the student is found responsible, the decision becomes a confidential student record of academic dishonesty.
4. Appellate decisions are communicated in writing to the student, the instructor, the Office of the Dean of the Faculties, and the Dean of Students Department within 30 class days of the appellate hearing.

Academic Honor Policy Committee

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

Amendment Procedures

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

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.

University Ombudsperson

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

Notification of Students’ Rights under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights are:
1. The right to inspect and review the student’s education records within 45 days of the day the University receives a request for access. Students should submit to the registrar, dean, or head of the academic department (or appropriate official) written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student’s education records that the student believes is inaccurate or misleading. Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his 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.

Release of Student Information

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

A. Subject to statutory conditions and limitations, prior consent of the student is not required for disclosure of 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; 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 may 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.

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, and nursing majors. Membership within these units implies that the student agrees to fulfill the obligations of the organization.

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

Classification of Students
Students are classified on the basis of semester hours earned as follows:
- Freshman, zero 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;
- Special Non-Degree Seeking without Baccalaureate Degree, classification 6;
- Special Non-Degree Seeking with Baccalaureate Degree, classification 7;
- Provisional, classification 8 (graduate students only);
- Transient, classification 9; and
- High School Students, classification 0.

Special (Non-Degree Seeking) Student Regulations
Academic rules governing regular students (e.g., fees, drop/add, withdrawal, grading policies) also apply to special students with the following exceptions:
1. Special students may enroll for fewer than twelve semester hours (underload) without permission;
2. In place of the retention schedule system for regular students, special students in classification six must meet the following requirements:
   after attempting fifteen semester hours, undergraduate special students must have achieved and must maintain a 2.0 (C-) average in all courses attempted;
3. In place of the retention schedule system for regular students, special students in classification seven must meet the following requirements:
   after attempting twelve semester hours, graduate special students must have achieved and must maintain a 3.0 (B-) average in all courses attempted;
4. Failure to achieve or maintain the appropriate grade point average (GPA) will result in a loss of registration privilege;
5. Special students may register for any course or courses on an S/U basis. Special students selecting courses for enrichment or other reasons where grades are not essential are advised to register on an S/U basis or on an audit basis;
6. Consult the "Academic Regulations and Procedures" chapter of the Graduate Bulletin for policies relating to special student status at the graduate level.

Reclassification from Special-Student to Regular Status
Special 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 special student carries no degree credit. Up to fifteen semester hours earned as a special student may be applied toward an undergraduate degree, with approval of the appropriate dean at the time of reclassification or later.

Course Loads
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-four semester credit hours. A student on academic probation must enroll for not fewer than twelve and not more than fifteen semester hours. Special students are not required to obtain an underload permit.

International undergraduate students must enroll in at least twelve semester hours 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 International Center before the end of the drop/add period for that semester. An unauthorized reduction in course load may result in serious immigration consequences. For a complete definition of the full course of study for immigration purposes, to access the reduced course load information and request forms, please refer to http://wwwinternationalcenter.fsu.edu.

See the Graduate Bulletin for policies regarding course loads for graduate students.

Undergraduate Course Examinations
Final examinations in undergraduate courses are discretionary within any given department, but all students, including graduating seniors and graduate students, enrolled in an undergraduate course having a final examination are required to take the examination. The scheduling of a final examination, or a test in lieu of a final examination, at any time other than the regularly scheduled final examination period, is a violation of University policy. A final examination may not be given during the examination period at a time other than that which appears online at http://registrar.fsu.edu.

Courses meeting every day at the same hour and classes meeting for more than one time period will hold examinations according to the time and day of the first scheduled class meeting of the week. For example, a class meeting for the first period on Tuesday and for the second period on Thursday will hold its examination at the exam time scheduled for the Tuesday first period.

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

Exceptions to the Examination Policy for an Individual Undergraduate Student
Approval by the academic dean of the school or college in which the course is taught is required for any change in examination time for an individual undergraduate student. The student must first receive written permission from the instructor if the instructor is willing to give a make-up examination at a specified time within the exam week. The student must then petition the dean, giving the reason for the requested exception, and supported by the instructor’s written permission. The dean will then notify the instructor in writing if approval is granted.

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

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

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

Exceptions to the Examination Policy for an Undergraduate Class
No instructor of an undergraduate course may give a final examination during the separate examination period at a time other than that which appears online at http://registrar.fsu.edu, unless the instructor has obtained prior approval
Grade Point Average

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

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

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

A student will not be allowed additional credit and/or quality points for a course repeated in which the student originally made a “C–” or better unless the course is specifically designated as repeatable to allow additional credit.

If a course listing is followed by a “r” it may be repeated, regardless of grade received, to the number of times or hours stated.

Dean’s List

Undergraduate students who are registered for at least twelve 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.

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.

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 (practice, internship, laboratory, student teaching, individual work, research) may be applied toward the major or minor. There is no student option for courses approved on the S/U basis; all students must be graded on an S/U basis. The credits earned in these courses are excluded from the total stipulated in section A (above) as permissible. Also, enrollment in a course offered on the S/U basis only does not exclude enrollment in an elective course under the S/U option (in section A above) in the same term.

C. Graduate Students

Policies and procedures for satisfactory/unsatisfactory grades for graduate students are explained in the Graduate Bulletin.
does not apply to preliminary or comprehensive exams or to thesis or dissertation defenses; these issues are reviewed by the Student Academic Relations Committee via the Dean of the Faculties.

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

**Step 2.** If no resolution is reached within this 30-day period, after the student’s documented attempt, the student has an additional 15 calendar days to submit a written statement to the program or department chair. This statement must include an account of attempts to resolve the issue, as well as the evidence that forms the basis for the appeal. Within 20 calendar days thereafter, the department or program chair will arrange for a meeting of a grade appeals screening committee composed of three students enrolled in the academic unit offering the course to review the appeal. Appropriate students who have no conflict of interest will be chosen to serve on this screening committee by a student organization associated with the program or department, if such an organization exists. If none exists or if members of such an organization are not available, the department or program chair will select appropriate students who have no conflict of interest. Both the student and the instructor may attend the meeting.

The role of the screening committee is solely to determine whether the student has presented sufficient evidence to warrant further review. Within five calendar days after this meeting, the screening committee will render its decision in writing (recommend/do not recommend further review) to the program or department chair, the student, and the instructor. A negative decision will end the appeal. A positive decision will trigger the next step in the process.

**Step 3.** Within 20 calendar days of a positive decision from the grade appeals screening committee, the program or department chair will appoint and arrange for a meeting of a grade appeals board. This board is composed of three faculty members and two students other than those who served on the screening committee.

The purpose of this board is to determine whether or not to uphold the final grade assigned by the instructor. The board will consider only the evidence provided by the student and the instructor in making the determination. Both the student and the instructor may attend the meeting.

The grade will be upheld unless the evidence shows that the grade was awarded in an arbitrary, capricious, or discriminatory manner, as a result of a gross violation of the instructor’s own evaluation (grading) statement. If the original grade is not upheld, the board will recommend that an alternative grade be assigned by the program or department chair.

If the student has evidence that this grade appeals process has deviated substantially from these established procedures, resulting in a biased decision, the student may consult with the Dean of the Faculties regarding referral to the Student Academic Relations Committee.

**Forgiveness Policy**

Effective Fall 2004, Florida State University has discontinued the forgiveness policy for all students. Please refer to the “Drop/Add or Change of Schedule” section in the “Office of The University Registrar” chapter of this General Bulletin for additional information.

**Academic Retention**

All students must demonstrate satisfactory academic progress for retention and continuation 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 course work taken at Florida State University required for retention at the University. The Retention Table takes into consideration the number of semester hours the student has attempted and indicates the GPA range that will place the student on academic warning or academic probation. Students who fail to resolve probationary status will be dismissed at the end of the next semester for which they are enrolled.

A minimum Florida State University GPA of 2.0 (“C”) or better and an overall 2.0 GPA on all college-level work attempted is required for graduation. “College-level work” is interpreted to mean course work 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.

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

**Dismissal:** Failure to remove probation by the end of next term.

**Warning**

As an aid to students in the Division of Undergraduate Studies and lower-division music, dance, and Bachelor of Fine Arts (BFA) in theatre students (freshmen and sophomores), an “academic warning” will be included with grade reports at the end of the term if the cumulative average has fallen below 2.0 but not low enough to place the student on academic probation.

**Probation**

When any student’s grade point average (GPA) falls within the probationary range, the student will be placed on academic probation for one term. A student on probation must enroll for not less than twelve and not more than fifteen semester hours during the probationary term. If the student fails to remove the probationary status by the end of the term, the student will be dismissed.

Students on academic probation who elect to enroll in a Florida public postsecondary institution (or in an accredited institution within or outside the state) and who receive an Associate in Arts degree with an overall 2.0 average will have the probationary status and their previous Florida State University average removed upon application for readmission, and will be guaranteed a maximum of sixty (60) semester hours.

**Readmission**

Please refer to the “Admissions” chapter in this General Bulletin for readmission policies for returning students.
Withdrawal from the University

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

The statement “Withdrawn from the University” will appear on the transcripts of students who properly withdraw within the first seven weeks of class. After that date, depending on the quality of work at the time of withdrawal, grades of “W” or “F” will be assigned by instructors and placed on the student’s transcript with the withdrawal statement. Under 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 (25%) refund of tuition and registration fees, less the building and capital improvement fees; this deadline is adjusted for shorter Summer terms. Students who withdraw after this deadline are fully liable for fees and are not eligible for a refund, except as provided in policies set forth by the State Board of Education and Florida State University. Students who receive Title IV funds and who decide to withdraw from the University may be required to repay some or all of the funds received.

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

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

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 approved 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 contact Angela Wood at 644-1624 or visit http://withdrawal.fsu.edu/medical.html

Guidelines for Field Placement Fitness

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

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

FACTS Information

All current and prospective students of higher education in the state of Florida may access the FACTS (Florida Academic Counseling and Tracking for Students) Web site. By logging on to http://www.facts.org you can perform a variety of tasks, including the following:

- View a map indicating the location of every participating college or university
- Search course catalogs from all public and many private Florida colleges and universities, as well as all state community colleges
- Apply to more than one university or college by entering in your data just once
- 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.

Second Majors and Academic Regulations

Students pursuing a second major should be aware that the primary major only determines the selection of the student’s academic dean for the purposes of academic regulations at Florida State University. That is, rules regarding student dismissal, reinstatement, and all general academic qualifications at the University are governed and enforced by the primary major and that major’s corresponding academic dean. Conflicts between primary and secondary major policies shall in all cases be resolved in favor of the primary major. Second major academic deans shall only be concerned with the student’s completion of all requirements, pre-requisites, etc., for that second major.

Correspondence Study

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

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

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

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


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

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

The Undergraduate Policy Committee is empowered to authorize substitution of experimental courses or programs for any University-wide academic requirements provided that:

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

Transfer Credit

Transfer credit is normally allowed for courses completed at or through other regionally accredited institutions of higher learning. No credit, however, is allowed for subcollege-level course work, or for course work completed with grades below “D–” and only up to six 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 recertification of persons for various subject matters and professional specialties. Short courses for credit shall have the same number of contact hours as do regularly scheduled courses; i.e., a one-hour course must have fifteen 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., these courses might include student/teacher interaction, student interaction with professor-designed materials, or other appropriate interactions. In no case can credit be granted 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 course work prior to graduation from high school may be awarded college credit at Florida State University. Refer to the “Transfer Credit” section of this chapter for specific information concerning what may transfer.

Credit by Examination

The University recognizes the following examination programs for which students may receive academic credit or exemption in lieu of course work. These programs permit the qualified student to earn by examination up to thirty 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 course work requirement of forty semester hours in courses numbered 3000 and above, and the Section 1007.25, Florida Statutes, writing requirement (see the “Undergraduate Degree Requirements” chapter of this General Bulletin).

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

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

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

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

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

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 course work for the subject matter examinations of the College-Level Examination Program (CLEP). Credit is 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 CEEB, IB, or AICE. 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 course work to undergraduate students upon request. Interested students should consult with their colleges or departments concerning the availability of examinations in lieu of specific courses.

**General Credit Limitations**

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

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

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

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

For credit limitations on graduate degrees, refer to the Graduate Bulletin.

**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 advisor 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 policies, 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.
## AICE Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

<table>
<thead>
<tr>
<th>AICE Exam Names</th>
<th>Level</th>
<th>A, B, C, D, E</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCOUNTING</td>
<td>AS-Level</td>
<td>ACG 1001 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>ACG 1001 (3) ACG 1004 (3)</td>
</tr>
<tr>
<td>ART AND DESIGN</td>
<td>AS-Level</td>
<td>ART 1300C (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>ART 1300C (3) ART 1201C (3)</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>AS-Level</td>
<td>BSC 1005 (3) BSC 1005L (1)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>BSC 2010 (3) BSC 2010L (1) BSC 2011 (3)</td>
</tr>
<tr>
<td>BUSINESS STUDIES</td>
<td>AS-Level</td>
<td>GEB 1011 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>GEB 1011 (5) GEB 1012 (3)</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>AS-Level</td>
<td>CHM 1020 (3) CHM 1020L (1)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>CHM 1020 (3) CHM 1020L (1) CHM 1045 (3) CHM 1045L (1)</td>
</tr>
<tr>
<td>CLASSICAL STUDIES</td>
<td>AS-Level</td>
<td>CLA 2010 (3)</td>
</tr>
<tr>
<td>COMPUTING</td>
<td>AS-Level</td>
<td>CGS 2060 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>CGS 2060 (3) CGS 1074 (3)</td>
</tr>
<tr>
<td>DESIGN and TECHNOLOGY</td>
<td>AS-Level</td>
<td>ETI 1482C (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>ETI 1482C (3) ETI 1930 (3)</td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>AS-Level</td>
<td>ECO 2000 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>ECO 2013 (3) ECO 2023 (3)</td>
</tr>
<tr>
<td>ENGLISH - LANGUAGE OR LANGUAGE &amp; LITERATURE</td>
<td>AS-Level</td>
<td>ENC 1101 (3)</td>
</tr>
<tr>
<td>ENGLISH - LITERATURE IN ENGLISH</td>
<td>AS-Level</td>
<td>ENC 1101 (3) or ENC 1102 (3)*</td>
</tr>
<tr>
<td>ENVIRONMENTAL MANAGEMENT</td>
<td>AS-Level</td>
<td>EVR 1001C (4)</td>
</tr>
<tr>
<td>GENERAL PAPER</td>
<td>AS-Level</td>
<td>IDS 1110 (3)</td>
</tr>
<tr>
<td>GEOGRAPHY</td>
<td>AS-Level</td>
<td>GEA 1000 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>GEO 2200 (3) GEO 1400 (3)</td>
</tr>
<tr>
<td>HISTORY - AMERICAN</td>
<td>AS-Level</td>
<td>AMH 1000 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>AMH 2010 (3) AMH 2020 (3)</td>
</tr>
<tr>
<td>HISTORY - EUROPEAN</td>
<td>AS-Level</td>
<td>EUH 1009 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>EUH 2000 (3) EUH 2001 (3)</td>
</tr>
<tr>
<td>HISTORY - INTERNATIONAL</td>
<td>AS-Level</td>
<td>WOH 1030 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>WOH 1023 (3) WOH 1030 (3)</td>
</tr>
<tr>
<td>HISTORY - ALL OTHER AREAS</td>
<td>AS-Level</td>
<td>Subject to institutional review (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>Subject to institutional review (6)</td>
</tr>
<tr>
<td>LATIN</td>
<td>AS-Level</td>
<td>LAT 1120 (4) LAT 1121 (4)</td>
</tr>
<tr>
<td>MARINE SCIENCE</td>
<td>AS-Level</td>
<td>OCE 1001 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>OCE 1001 (3) OCE 1000 (3)</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>AS-Level</td>
<td>MAC 1140 (3) MAC 1114 (2)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>MAC 1114 (2) MAC 2311 (4)</td>
</tr>
<tr>
<td>MATHEMATICS, FURTHER</td>
<td>AS-Level</td>
<td>MAC 2311 (4) MAC 2312 (4)</td>
</tr>
<tr>
<td>MUSIC</td>
<td>AS-Level</td>
<td>MUH 1001 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>MUH 1001 (3) MUH 2012 (3)</td>
</tr>
<tr>
<td>PHYSICS</td>
<td>AS-Level</td>
<td>PHY 1020 (3) PHY 1020L (1)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>PHY 2053C (4) PHY 2054C (4)</td>
</tr>
<tr>
<td>PSYCHOLOGY</td>
<td>AS-Level</td>
<td>PSY 2012 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>PSY 2012 (3) PSY 4930 (3)</td>
</tr>
<tr>
<td>SOCIOLOGY</td>
<td>AS-Level</td>
<td>SYG 1000 (3)</td>
</tr>
<tr>
<td>THINKING SKILLS</td>
<td>AS-Level</td>
<td>PHI 1103 (3)</td>
</tr>
<tr>
<td></td>
<td>A-Level</td>
<td>PHI 1103 (3) PHI 2100 (3)</td>
</tr>
<tr>
<td>TRAVEL AND TOURISM</td>
<td>AS-Level</td>
<td>HFT 3000 (3) HFT 3931</td>
</tr>
</tbody>
</table>

* Based on previous credit earned.
<table>
<thead>
<tr>
<th>AP Exam Names</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART HISTORY</td>
<td>ARH 2000 (3)</td>
<td>ARH 3056 (3) ARH 3057 (3)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>BSC 1005 (3) BSC 1005L (1)</td>
<td>BSC 2010 (3) BSC 2010L (1)</td>
<td>BSC 2010 (3) BSC 2010L (1)</td>
</tr>
<tr>
<td>CALCULUS - AB</td>
<td>MAC 2311 (4)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>CALCULUS - BC</td>
<td>MAC 2311 (4) MAC 2312 (4)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>CHM 1020 (3) CHM 1020L (1)</td>
<td>CHM 1045 (3) CHM 1045L (1)</td>
<td>CHM 1045 (3) CHM 1045L (1)</td>
</tr>
<tr>
<td>CHINESE LANGUAGE &amp; CULTURE</td>
<td>CHI 2220 (4)</td>
<td>CHI 2220 (4) CHI 2300 (4)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>COMPUTER SCIENCE A</td>
<td>CGS 2060 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>COMPUTER SCIENCE AB</td>
<td>CGS 2060 (3) or CGS 1076 (3)*</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>ECONOMICS - MACRO</td>
<td>ECO 2013 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>ECONOMICS - MICRO</td>
<td>ECO 2023 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>ENGLISH - LANGUAGE</td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3) ENC 1102 (3)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>ENGLISH - LITERATURE</td>
<td>ENC 1101 (3) or LIT 1005 (3)*</td>
<td>ENC 1101 (3) and ENC 1102 (3) or ENC 1102 (3) and LIT 1005 (3)*</td>
<td>Same as 4</td>
</tr>
<tr>
<td>ENVIRONMENTAL SCIENCE</td>
<td>GEO 1330 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>FRENCH - LANGUAGE</td>
<td>FRE 2211 (4) FRE 2220 (4)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>FRENCH - LITERATURE</td>
<td>FRW 3100 (3) FRW 3101 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>GERMAN - LANGUAGE</td>
<td>GER 2220 (4) GER 2221 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>GOVERNMENT &amp; POLITICS: COMPARATIVE</td>
<td>CPO 2002 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>GOVERNMENT &amp; POLITICS: UNITED STATES</td>
<td>POS 1041 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>HISTORY - EUROPEAN</td>
<td>EUH 1009 (3) EUH 2000 (3) EUH 2001 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>HISTORY - UNITED STATES</td>
<td>AMH 1000 (3) AMH 2010 (3) AMH 2020 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>HISTORY - WORLD</td>
<td>WOH 1023 (3)</td>
<td>Same as 3</td>
<td>WOH 1023 (3) WOH 1030 (3)</td>
</tr>
<tr>
<td>HUMAN GEOGRAPHY</td>
<td>GEO 1400 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>ITALIAN LANGUAGE &amp; CULTURE</td>
<td>ITA 2220 (4) ITA 2240 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>JAPANESE LANGUAGE &amp; CULTURE</td>
<td>JPN 2220 (4) JPN 2300 (4)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>LATIN LITERATURE</td>
<td>LAT 2220 (4) or LNW 1700 (3)*</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>LATIN - VERGIL</td>
<td>LAT 2220 (4)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>MUSIC THEORY (if composite score is 3 or higher)</td>
<td>MUT 1001 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>MUSIC THEORY (if both aural and non-aural subscores are 3 or higher)</td>
<td>MUT 1111 (3) MUT 1241 (1)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>PHYSICS B</td>
<td>PHY 2053C (4) PHY 2054C (4)</td>
<td>PHY 2049C (4) PHY 2048C (5)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>PHYSICS C - ELECTRICITY &amp; MAGNETISM</td>
<td>PHY 2054C (4)</td>
<td>PHY 2048C (5)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>PHYSICS C - MECHANICS</td>
<td>PHY 2053C (4)</td>
<td>PHY 2048C (5)</td>
<td>Same as 4</td>
</tr>
<tr>
<td>PSYCHOLOGY</td>
<td>PSY 2012 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>RUSSIAN LANGUAGE &amp; CULTURE</td>
<td>RUS 2220 (4) RUS 2330 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>SPANISH - LANGUAGE</td>
<td>SPN 2220 (4) SPN 2240 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>SPANISH - LITERATURE</td>
<td>SPW 3030 (3) SPW 3930 (3)</td>
<td>Same as 4</td>
<td>Same as 4</td>
</tr>
<tr>
<td>STATISTICS</td>
<td>STA 2023 (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>STUDIO ART - DRAWING</td>
<td>ART 1300C (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>STUDIO ART: 2-D</td>
<td>ART 1201C (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
<tr>
<td>STUDIO ART: 3-D</td>
<td>ART 2203C (3)</td>
<td>Same as 3</td>
<td>Same as 3</td>
</tr>
</tbody>
</table>

* Based on previous credit earned.
CLEP Scores and University Course Equivalents
(Numbers in parentheses indicate the number of credits awarded)

<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>Course</th>
<th>Minimum Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra, College</td>
<td>MAC 1105 (3)</td>
<td>50</td>
</tr>
<tr>
<td>American Government</td>
<td>POS 1041 (3)</td>
<td>50</td>
</tr>
<tr>
<td>American Literature</td>
<td>AML 1000 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Biology, General</td>
<td>BSC 1005 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Business Law, Introduction to</td>
<td>BUL 2241 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Calculus with Elementary Functions</td>
<td>MAC 2233 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Chemistry, General</td>
<td>CHM 1020 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Educational Psychology, Introduction to</td>
<td>EDP 1002 (3)</td>
<td>50</td>
</tr>
<tr>
<td>English Composition with Essay</td>
<td>ENC 1101 (3)</td>
<td>50</td>
</tr>
<tr>
<td>English Literature</td>
<td>ENL 1000 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Financial Accounting</td>
<td>ACG 1001 (3)</td>
<td>50</td>
</tr>
<tr>
<td>History of the US to 1877</td>
<td>AMH 2010 (3)</td>
<td>50</td>
</tr>
<tr>
<td>History of the US from 1865</td>
<td>AMH 2020 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Humanities</td>
<td>HUM 2235 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>DEP 2004 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Information Systems &amp; Computer Applications</td>
<td>CGS 2060 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Macroeconomics, Principles of</td>
<td>ECO 2013 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Management, Principles of</td>
<td>MAN 2021 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Marketing, Principles of</td>
<td>MAR 2011 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Mathematics, College</td>
<td>MGF 1107 (3) or MGF 1106 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Microeconomics, Principles of</td>
<td>ECO 2023 (3)</td>
<td>50</td>
</tr>
<tr>
<td>PreCalculus</td>
<td>MAC 1147 (5)</td>
<td>50</td>
</tr>
<tr>
<td>Psychology, Introductory</td>
<td>PSY 2012 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Sociology, Introductory</td>
<td>SYG 1000 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Western Civilization I, to 1648</td>
<td>EUH 2000 (3)</td>
<td>50</td>
</tr>
<tr>
<td>Western Civilization II, from 1648</td>
<td>EUH 2001 (3)</td>
<td>50</td>
</tr>
</tbody>
</table>

Foreign language exams, CLEP Test taken after July 26, 2007:

<table>
<thead>
<tr>
<th>Language</th>
<th>Level 1 (current level in brackets)</th>
<th>Level 2 (current level in brackets)</th>
<th>Level 3 (current level in brackets)</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>[50] FRE 1120 (4)</td>
<td>[59] FRE 1120 (4) FRE 1121 (4)</td>
<td>[66] FRE 1120 (4) FRE 1121 (4) FRE 2992 (4)</td>
</tr>
<tr>
<td>German</td>
<td>[50] GER 1120 (4)</td>
<td>[60] GER 1120 (4) GER 1121 (4)</td>
<td>[66] GER 1120 (4) GER 1121 (4) GER 2992 (4)</td>
</tr>
<tr>
<td>Spanish</td>
<td>[50] SPN 1120 (4)</td>
<td>[63] SPN 1120 (4) SPN 1121 (4)</td>
<td>[68] SPN 1120 (4) SPN 1121 (4) SPN 2992 (4)</td>
</tr>
</tbody>
</table>

¹Effective December 2007
²Effective August 2008
## IB Scores and University Course Equivalents

(Numbers in parentheses indicate the number of credits awarded)

<table>
<thead>
<tr>
<th>IB Exam Names</th>
<th>4</th>
<th>5</th>
<th>6/7</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BIOLOGY</strong></td>
<td>BSC 1005 (3)</td>
<td>BSC 1005 (3)</td>
<td>BSC 1005L (1)</td>
<td>Same as 5</td>
</tr>
<tr>
<td></td>
<td>BSC 2010 (3)</td>
<td>BSC 2010L (1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BUSINESS AND MANAGEMENT</strong></td>
<td>GEB 1011 (3)</td>
<td>GEB 1011 (3)</td>
<td>GEB 1012 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>CHEMISTRY</strong></td>
<td>CHM 1020 (3)</td>
<td>CHM 1020 (3)</td>
<td>CHM 1020L (1)</td>
<td>Same as 5</td>
</tr>
<tr>
<td></td>
<td>CHM 1045 (3)</td>
<td>CHM 1045 (3)</td>
<td>CHM 1045L (1)</td>
<td></td>
</tr>
<tr>
<td><strong>COMPUTER SCIENCE</strong></td>
<td>CGS 2060 (3)</td>
<td>CGS 2060 (3)</td>
<td>CGS 1074 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>DESIGN ENGINEERING</strong></td>
<td>ETI 1410 (3)</td>
<td>ETI 1410 (3)</td>
<td>ETI 1930 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>ECONOMICS</strong></td>
<td>ECO 2000 (3)</td>
<td>ECO 2013 (3)</td>
<td>ECO 2023 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>ECOSYSTEMS AND SOCIETIES</strong></td>
<td>GEO 1331 (3)</td>
<td>GEO 1331 (3)</td>
<td>EVR 1017 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td></td>
<td>EVR 1017 (3)</td>
<td>EVR 1018 (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ENGLISH A1</strong></td>
<td>ENC 1101 (3)</td>
<td>ENC 1101 (3)</td>
<td>ENC 1102 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>ENVIRONMENTAL SYSTEMS</strong></td>
<td>GEO 1330 (3)</td>
<td>GEO 1330 (3)</td>
<td>ISC 1050 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>FILM STUDIES</strong></td>
<td>FIL 2001 (3)</td>
<td>FIL 2001 (3)</td>
<td>FIL 2002 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>FRENCH</strong></td>
<td>FRE 1121 (4)</td>
<td>FRE 1121 (4)</td>
<td>FRE 2220 (4)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>FRENCH A1 or A2</strong></td>
<td>FRW 3100 (3)</td>
<td>FRW 3100 (3)</td>
<td>FRW 3101 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>GEOGRAPHY</strong></td>
<td>GEA 1000 (3)</td>
<td>GEO 1400 (3)</td>
<td>GEO 2200 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>GERMAN</strong></td>
<td>GER 1121 (4)</td>
<td>GER 1121 (4)</td>
<td>GER 2220 (4)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>GERMAN A1 or A2</strong></td>
<td>GEW 4900 (3)</td>
<td>GEW 4900 (6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>HISTORY - ALL REGIONS</strong></td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>WOH 1023 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>HISTORY - AFRICA</strong></td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>AFH 1000 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>HISTORY - AMERICAS</strong></td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>AMH 1000 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>HISTORY - EAST &amp; SOUTH-EAST ASIA</strong></td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>ASH 3100 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>HISTORY - EUROPE</strong></td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>WOH 1023 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>HISTORY - WEST &amp; SOUTH ASIA</strong></td>
<td>WOH 1030 (3)</td>
<td>WOH 1030 (3)</td>
<td>ASH 1044 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>INFORMATION AND TECHNOLOGY FOR A GLOBAL</strong></td>
<td>Elective Credit (3)</td>
<td>Elective Credit (3)</td>
<td>Elective Credit (6)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>SOCIETY</strong></td>
<td>(No Direct Equivalent)</td>
<td>(No Direct Equivalent)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ISLAMIC HISTORY</strong></td>
<td>ASH 1044 (3)</td>
<td>ASH 1044 (3)</td>
<td>REL 3363 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>LATIN</strong></td>
<td>LAT 1121 (4)</td>
<td>LAT 1121 (4)</td>
<td>LAT 2220 (4)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>MATHEMATICS</strong></td>
<td>MAC 1147 (5)</td>
<td>MAC 1147 (5)</td>
<td>MAC 2233 (3)</td>
<td>MAC 1147 (5) MAC 2311 (3)</td>
</tr>
<tr>
<td><strong>MATHEMATICS - FURTHER (Advanced)</strong></td>
<td>MIF 1202 (3)</td>
<td>MIF 1202 (3)</td>
<td>MIF 1209 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>MATHEMATICS - METHODS</strong></td>
<td>MAC 1105 (3)</td>
<td>MAC 1105 (3)</td>
<td>MAC 1140 (3)</td>
<td>MAC 1140 (3) MAC 2233 (3)</td>
</tr>
<tr>
<td><strong>MATHEMATICS - STUDIES</strong></td>
<td>MAT 1033 (3)</td>
<td>MAT 1033 (3)</td>
<td>MGF 1106 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>MUSIC</strong></td>
<td>MUL 1010 (3)</td>
<td>MUL 1010 (3)</td>
<td>MUL 1011 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>PHILOSOPHY</strong></td>
<td>PHI 2010 (3)</td>
<td>PHI 2010 (3)</td>
<td>PHI 2630 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>PHYSICS</strong></td>
<td>PHY 1020 (3) PHY 1020L</td>
<td>PHY 2053C (4) PHY 2054C</td>
<td>PHY 2054C (4)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>PSYCHOLOGY</strong></td>
<td>PSY 2012 (3)</td>
<td>PSY 2012 (3)</td>
<td>PSY 4930r (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>RUSSIAN</strong></td>
<td>RUS 1121 (4)</td>
<td>RUS 1121 (4)</td>
<td>RUS 2220 (4)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>RUSSIAN A1 or A2</strong></td>
<td>RUW 3100 (3)</td>
<td>RUW 3100 (3)</td>
<td>RUW 3101 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>SOCIAL ANTHROPOLOGY</strong></td>
<td>ANT 2410 (3)</td>
<td>ANT 2410 (3)</td>
<td>ANT 4930r (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>SPANISH</strong></td>
<td>SPN 1121 (4)</td>
<td>SPN 1121 (4)</td>
<td>SPN 2220 (4)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>SPANISH A1 or A2</strong></td>
<td>SPW 3030 (3)</td>
<td>SPW 3030 (3)</td>
<td>SPW 3930 (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>THEATRE ARTS</strong></td>
<td>THE 2000 (3)</td>
<td>THE 2000 (3)</td>
<td>THE 3931r (3)</td>
<td>Same as 5</td>
</tr>
<tr>
<td><strong>VISUAL ARTS (Design)</strong></td>
<td>ART 2003C (3)</td>
<td>ART 2003C (3)</td>
<td>ART 1201C (3)</td>
<td>Same as 5</td>
</tr>
</tbody>
</table>

Credit may be awarded for other exams based on content and score.
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
Associate Vice President for Student Affairs: Liz Maryanski

The goals of the Division of Student Affairs are to facilitate student development, celebrate differences, and promote civic and global responsibility in both formal and informal educational experiences. The Vice President for Student Affairs and staff are responsible for the following departments:

- Campus Recreation
- Career Center
- Center for Academic Retention and Enhancement (CARE)
- Center for Leadership & Civic Education
- Dean of Students Department
- Greek Life
- New Student and Family Programs
- Student Disability Resource Center
- Student Rights and Responsibilities
- Victim Advocate Program
- Withdrawal Services
- International Center
- Office of Multicultural Affairs
- 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
- Thagard Student Health Center
- University Counseling Center
- University Housing and Child Development Programs

Some of these departments and their programs are highlighted below; however, for more complete information, refer to the Florida State University Student Handbook or the Division of Student Affairs Web site at 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
- Postal Services
- Public Safety
- 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 Office 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. Nearby, students have access to intramural fields, an outdoor track, and tennis courts. Recreational swimming, water safety, and other first-aid and safety non-credit courses are offered year around at the Leach pool. The 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.

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

The Intramural (IM) Office is a resource for over 50 intramural programs. Separate divisions for various ability levels keep competition fair and fun. Intramural activities are offered at the campus fields and also at the Rec SportsPlex facility. Coed programs and recreational divisions are designed for those who enjoy sport as a social activity. The office also hires students to officiate and to supervise intramural games.

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

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

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 job database. Students seeking full-time work can use SeminoleLink or attend one of several career expositions 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-developed online Career Portfolio system to document their experiences and skills. Information saved in the portfolio can be used for job or graduate-school applications and during interviews. The Career Center also offers customized mock interviews, allowing students to practice and improve their interviewing performance. Finally, the Career Center staff provides personalized workshops covering a variety of job-search skills, such as writing resumes and cover letters.

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.-5:00 p.m., Monday through Friday. Drop-in career advising is also available most times during these hours and on some Tuesday evenings. For specific career advising hours or answers to other questions call, please call (850) 644-6431 or visit http://www.career.fsu.edu.
Center for Academic Retention and Enhancement (CARE)

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

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

College Programs

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

Pre-Collegiate Programs

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

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

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

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 operates as a clearinghouse of service-related information, including a directory of service organizations in the community, a listing of Service Learning courses that feature community service components, and FSU student organizations that focus on community service.

The Center coordinates, advises, and supports many projects and programs related to service. Students can come in on a walk-in basis to meet with an advisor. ServScript is a way FSU students can enhance their academic transcripts by documenting their service hours online.

The Center is home to Youth Programs and Jumpstart where FSU mentors can train to work with youth preschool-high school. The Center also coordinates weekly, student-led Community Outreach Projects that serve area non-profit agencies. The Center also houses several student 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, Florida Learn and Serve, 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 three and a half-day 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 will learn the FSU leadership learning philosophy and resources of the Center. The Center also has an 18 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 and the FSU Reservation. Lead-Ins will focus on the development of leadership knowledge, skills, and values. Meals, lodging, and materials are provided free for participants. 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 Serve2Learn Series to learn more about leadership and service.

The University also recognizes outstanding service to the community through the President’s Humanitarian of the Year Award. In addition, students are recognized through the Profiles of Service Award, the Service Scholar Program, and the Rosenblum 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; email: 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 incidents of 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 4500 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 issues of disability-related issues. The SDRC also provides academic support services such as extra time on exams, readers, note-takers, alternative 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 that 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.

Office of New Student & Family Programs

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 on campus until they have completed an orientation session. Although they may be admitted up to a year before they enter, students may only attend orientation immediately prior to their enrollment. The Office of Orientation provides sessions preceding each academic term.

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

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

The Office of Greek Life advises and advocates for 30 fraternities, 26 sororities, 21 chapters of the Interfraternity Council (IFC), 11 chapters of the Multicultural Greek Council (MGC), nine chapters of the National Pan-Hellenic Council (NPHC), and 15 chapters of the Panhellenic Association. Fraternities and sororities at Florida State University provide students with
an opportunity to establish a sense of community and build a strong support group while furthering the ideals of scholarship, leadership, service, and social development. 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 their withdrawal application, 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.

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

International Center

The International Center (IC), a department under the Division of Student Affairs, is the office assigned by the University to provide comprehensive immigration services and advising to international students, scholars, faculty and staff. The International Center is certified by the federal government’s Student and Exchange Visitor Program. It is also designated by the U.S. Department of State as an Exchange Visitor Program Sponsor, enabling the University to bring in international students, scholars, and researchers. The International Center plays a key role in campus internationalization efforts by providing opportunities for interaction and learning between international and domestic populations through the following:

- Participation in the design, implementation, and coordination of the Global Pathways Certificate, which became available to undergraduates beginning Fall 2008. The certificate provides students the opportunity to develop intercultural and global competencies through a combination of courses and international and intercultural experiences. The services offered include emotional support, instructor notification, referral to counseling services, and educational programming for the campus community. For more 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.

International Center

The International Center (IC), a department under the Division of Student Affairs, is the office assigned by the University to provide comprehensive immigration services and advising to international students, scholars, faculty and staff. The International Center is certified by the federal government’s Student and Exchange Visitor Program. It is also designated by the U.S. Department of State as an Exchange Visitor Program Sponsor, enabling the University to bring in international students, scholars, and researchers. The International Center plays a key role in campus internationalization efforts by providing opportunities for interaction and learning between international and domestic populations through the following:

- Participation in the design, implementation, and coordination of the Global Pathways Certificate, which became available to undergraduates beginning Fall 2008. The certificate provides students the opportunity to develop intercultural and global competencies through a combination of courses and international and intercultural experiences. The services offered include emotional support, instructor notification, referral to counseling services, and educational programming for the campus community. For more 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.

International Center

The International Center (IC), a department under the Division of Student Affairs, is the office assigned by the University to provide comprehensive immigration services and advising to international students, scholars, faculty and staff. The International Center is certified by the federal government’s Student and Exchange Visitor Program. It is also designated by the U.S. Department of State as an Exchange Visitor Program Sponsor, enabling the University to bring in international students, scholars, and researchers. The International Center plays a key role in campus internationalization efforts by providing opportunities for interaction and learning between international and domestic populations through the following:

- Participation in the design, implementation, and coordination of the Global Pathways Certificate, which became available to undergraduates beginning Fall 2008. The certificate provides students the opportunity to develop intercultural and global competencies through a combination of courses and international and intercultural experiences. The services offered include emotional support, instructor notification, referral to counseling services, and educational programming for the campus community. For more 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.

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; student arts and graphics center; bowling, billiards, and games room; lost and found; automatic teller machines; information center; student organization offices; meeting rooms; auditorium; and ballrooms. The Oglesby Union complex is also home to a post office, copy shop, computer store and service center, and computer lab.

The Oglesby Union coordinates multiple University-wide events including Seminole Sensation Week, Homecoming, Parents’ Weekend, and Family Weekend. Seminole Sensation Week welcomes incoming and returning students the week prior to the beginning of fall semester classes. The events and activities provide students with an opportunity to learn more about campus life. Homecoming builds spirit on campus and in the community for Florida State University and welcomes alumni back. Student organizations come together to participate and compete in Homecoming activities. Parents’ and Family Weekends welcome parents and families to campus to share in the FSU experience with their students. Parents’ Weekend is in the Fall, and Family Weekend is in the Spring.

The 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 Painting-a-Pot, Art in Low Places, and a full-service frame shop. You can enjoy rotating exhibits and artwork 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. Students and organizations may request space by stopping by the Guest Services office in the Krentzman Lounge of Oglesby Union, by contacting them online at http://unionsreservations.fsu.edu or by calling them at (850) 644-6083.

The Student Activities Center (SAC), located on the third floor of the Oglesby Union, Activities Building, serves over 450 recognized student organizations. The SAC contains Student Organization Services (SOS), Union Productions (UP), Market Wednesdays and Special Event Planning (SEP). The Student Activities Center provides resources for students including copying, faxing, storage space, campus mailboxes, and meeting space.

Students who participate in Union Productions provide leadership and direction in all facets of social, cultural, and educational programming. Students gain experience in book 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 hot spot—the Club Downunder, and other venues on and off campus.

The Askew 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 Café where you can enjoy video and computer gaming or get a drink and treat at Reel Coffee. 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.

For more information on the Oglesby Union and all of the departments mentioned above, please visit http://union.fsu.edu.
Office of Veterans’ Affairs

The Office of Veterans’ Affairs serves veterans and their dependents by providing information about work-study employment and referrals to counseling, medical, and other community resources. The Office of Veterans’ Affairs is located within the Office of the University Registrar. For more information, please visit 3900 UCA, call (850) 644-1252, fax (850) 644-1597, email cgoodson@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 operation, including programming, production, announcing, public relations, and management.

WFSU-TV is an award-winning, noncommercial public television station licensed to the State Board of Education and operated by Florida State University. One of the youngest 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 producing, public relations, and 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.

WFSF 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 supply the student body with music and information not available on other local radio stations and to train Florida State University students in the basic concepts of broadcasting and radio station management. WFSF 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 WVF. 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.

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, short-term individual counseling, unlimited group therapy, crisis intervention, consultation, and referrals. In addition, life skills workshops on stress management, time management, and study skills are offered several times a semester.

Outreach presentations on mental-health topics are available to faculty, staff, residence halls, and student organizations. Those interested can complete the online request form at 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 (Renewing 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.

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.

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.

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

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

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

The Infant and Toddler Child Development Center, located at 330 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 8:30 a.m. to 4:30 p.m. Monday through Friday when classes at FSU are in session. For additional information, please call (850) 644-0003.

Assessment Services

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

Parking and Bus Services

The Office of Parking and Transportation Services is responsible for the administration of the parking and transportation program on campus. The University requires students, staff, 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 24 hours a day. Temporary permits are distributed, when needed, by Parking Services located at University Center C5400, 7:30 a.m. to 4:30 p.m., Monday through Friday. Student permits must be obtained online at http://parking.fsu.edu.

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

Parking is extremely difficult on the University campus. It is suggested that students walk, bike, or use the Seminole Express, the University’s free campus bus service. 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 Parking and Transportation, UCC 5406, Tallahassee, FL 32306-2532.

Postal Services

All United States Postal Services, except COD, are available at the University Post Office. Residence hall students are assigned post office box numbers with their room assignments. All students holding University Post Office boxes should notify the University Post Office of any change of address when leaving campus. The service window is open from 8:30 am to 4:30 pm for package pick-up, (850) 644-1498.

The Union Copy Center provides outgoing mail services along with the following services: fax, color copies, self-service copiers, quick copy service, personalized greeting cards, calendars, and specialty papers. The Union Copy Center is located across from the University Post Office in the Student Union, at phone number (850) 644-2895.

Public Safety

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

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

The Student Government offers Student Alert Force and Escort (SAFE) Connection, a free service available to students, faculty, and staff. Arrangements for an escort should be made by calling 644-SAFE (7233). Operating hours vary throughout the year.

The Blue Light Trail, comprising over 317 strategically placed light poles with emergency call boxes, provides well lit pathways around campus; additional light poles are currently under construction as part of ongoing renovation and construction projects. By pressing the call box button, students are connected with the campus police dispatcher. Students should take note of where the lights and call boxes are located and plan their routes at night accordingly.
Seminole Dining offers a variety of dining options for students, faculty, staff and guests. Choose from national brand favorites Pollo Tropical, Einstein Bros. Bagels, Chili’s, Quiznos, Starbucks, or try FSU’s own 24-hour Park Avenue Diner.

- **Residential Restaurants**—featuring unlimited servings of freshly made-to-order food.
  - Figg Players Dining Hall—University Center D
  - Suwannee Room—William Johnston Building between Bryan and Reynolds Hall
  - Fresh Food Company—between Stone Building and Salley Hall
- **Retail Locations**
  - Einstein Bros. Bagels—Oglesby Union
  - ZIA Juice—Oglesby Union
  - Miso Sushi and Noodle Bar—Oglesby Union
  - Quiznos—Oglesby Union
  - Hardee’s—Oglesby Union
  - Pollo Tropical—Oglesby Union
  - Park Avenue Diner—Woodward and Traditions Way in Student Services Building
  - Chili’s—Oglesby Union
- **Convenience Store**
  - Trading Post—Oglesby Union
- **Starbucks**
  - Wildwood and Woodward Avenue
  - FSU Bookstore
  - College of Medicine
  - Strozier Library
  - Barrister’s Bistro—College of Law

All dining locations accept cash, Garnet Bucks, Flex Bucks, Visa, MasterCard, and the FSUCard. Meal Memberships (prepaid amount of meals) are available at The Suwannee Room and Fresh Food Company. Visit the Customer Service Office to sign up for a Meal Membership or to add money to a Garnet Bucks account. New locations are always in the works; for updated information on all Seminole Dining has to offer, please visit [http://www.seminoledining.com](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 Thagard Student Health Center. **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](http://www.studentsfirst.fsu.edu).
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:** Helen M. Burke  
**Associate Director:** Margaret R. Allen  
**Assistant Directors:** Jeanette Adams Dümmer, Caroline E. Kaufmann

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). 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 advisers. Honors courses are divided into two categories, honors sections of regular courses and honors seminars. Honors sections of regular courses fulfill liberal studies or University requirements, as do all honors seminars.

Honors sections of regular courses are usually limited to 25 students each. Honors seminars are three semester hour special topics courses that count toward graduation and fulfill liberal studies and Gordon Rule requirements in the humanities (HUM 2937r), natural sciences (ISC 2937r), or social sciences (ISS 2937r). Seminars are typically limited to 15 honors students.

**University Honors Colloquium.** The University Honors Colloquium is required for honors students during their first Fall semester at Florida State University. This one semester hour weekly forum features lectures by distinguished University faculty from across the scholarly and creative arts spectrum, as well as informative presentations from directors of academic programs that will be of interest to honors students. The Colloquium provides a common intellectual experience for new honors students and introduces students to the culture and opportunities of a modern research university.

**Honors-Augmented Courses.** In some cases where regular honors sections of courses cannot be made available, the faculty agrees to offer honors-augmented courses. These are regular courses open to all students in which the professor has agreed to engage in special projects with honors students for honors credit. Honors-augmented courses are arranged in advance by the University Honors Office.

**Honors Medallion Requirements.** A minimum of nine semester hours of honors course work (including honors sections of regular courses, honors seminars, the honors colloquium, and honors-augmented courses) is required to earn the Honors Medallion. A student may complete the remainder of the eighteen semester hours of honors credit required for the medallion through any combination of further honors course work, honors directed individual study (DIS), honors in the major work (also known as honors thesis), and non-credit project activities (research, creative activity, or community service) approved by the Director of the University Honors Office. To count toward the Honors Medallion requirements, an honors course must be completed with a grade of “C–” or better. Honors-augmented courses will be counted toward the medallion if a grade of “B–” or better is earned and the honors-augmented project is completed satisfactorily. Students using honors thesis hours toward the medallion must earn a “B–” or better.

**Honors DIS.** A student begins enrolling for an honors DIS by registering for a graded DIS in the appropriate department. Next, the student requests honors credit for the DIS from the Director of the University Honors Office. This request is made using the honors DIS application available from the University Honors Office, or from the University Honors Program Online 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 (an assistant, associate, or full professor would qualify) or by The Center for Leadership and Civic Education; and
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.

**Progress toward the Honors Medallion through Non-credit Honors Project Activities.** The Director of the University Honors Office may allow a student to earn progress toward the Honors Medallion with project work that does not involve registration for formal academic credits. This request is made using the honors non-credit project application available from the University Honors Program 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; and
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 admissions process. There is no separate application form for the Honors Program. Letters of invitation are sent out within two weeks of admission to the university.

Students who receive a letter of invitation generally meet the following minimum criteria:

- 3.90 or higher FSU-weighted high school GPA (as calculated by FSU’s Office of Admissions)
- 1910 or higher SAT score (including critical reading, math, and writing sections)

OR
the Honors in the Major Program should also check with their academic major GPA. Since some departments set higher requirements, students interested in years old, as long as the most recent sixty (60) semester hours average 3.20 GPA on at least twelve (12) Florida State University semester hours. Students must have a 3.20 overall GPA, including all transfer work, and a 3.20 cumulative GPA. Transfer eligibility is recognized by the distinction of graduating “with Honors,” as designated on the “Housing” chapter of this General Bulletin for additional information concerning Landis Hall.

Acceptance into the University Honors Program does not guarantee University housing in Landis Hall or elsewhere. Students who intend to live on campus are strongly encouraged to submit an application to University Housing as soon as possible after their admission to the University.

Honors in the Major

Many colleges and departments of Florida State University offer the Honors in the Major Program, which is intended to encourage talented juniors and seniors to undertake significant independent and original scholarship as part of the undergraduate experience in a framework similar to that of a thesis-based master’s degree program. The goal of the program is the completion and defense of an honors thesis. Completion of the Honors in the Major Program is recognized by the distinction of graduating “with Honors,” as designated on the transcript. Honors thesis work is carried out by the student over a period of two or three semesters in collaboration with a thesis director and two or three other faculty members who serve on the student’s honors thesis supervisory committee. The Honors thesis project culminates with the thesis defense before the honors thesis committee. Web site: http://honorsinthemajor.fsu.edu.

Eligibility

The University Honors Office requires that prospective students have at least sixty (60) semester hours and at least a 3.20 cumulative GPA. Transfer students must have a 3.20 overall GPA, including all transfer work, and a 3.20 GPA on at least twelve (12) Florida State University semester hours. Students should note that they may choose not to count credits that are five (5) or more years old, as long as the most recent sixty (60) semester hours average 3.20 GPA. Since some departments set higher requirements, students interested in the Honors in the Major Program should also check with their academic major advisers.

The semester before starting the Honors in the Major Program, students must contact the University Honors Office to make a formal application to the program. The application must show that the student has the required grades and credits, a proposed thesis topic, sufficient time prior to graduation to complete the project, a thesis director, and the approval of the chair or director of the academic department or program in which the student is majoring. Detailed information on procedures for initiating and completing the Honors in the Major Program can be found at the program Web site, http://honorsinthemajor.fsu.edu.

Thesis Director and Supervisory Committee

Each student in the program works with a thesis supervisory committee 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; and
• Serving as instructor of record for the Honors in the Major course credit.

The duties of the other members of the supervisory committee include:

• Providing additional viewpoints on all phases of the thesis project—conception, creation, and completion
• Contributing input on the project itself and the evaluation of the project; and
• Participating in the thesis defense.

Completion of the Honors Thesis

Typically, each student in the program works on the thesis project for two or three semesters. During each of these semesters, the student must enroll using the appropriate academic department’s course for honors thesis credit for one to three semester hours. 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 graduating with Honors. Students must also maintain at least a 3.20 cumulative GPA until graduation. Several departments have additional requirements; students should contact the academic department in which the thesis work will be based for further information.

A prospectus is due to the University Honors Office during the semester before the thesis is completed. This brief paper states the nature of the honors thesis, its scope, and its methodology. The prospectus must be approved by all members of the supervisory committee.

The student defends the finished honors thesis in a meeting with the supervisory committee. Following a successful defense, the student must submit the 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 Friday before finals week of the defense semester. Further details and specific deadlines are available from the University Honors Office or at the Honors in the Major Blackboard organization site at 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 into membership persons from a broad range of academic disciplines.

Standards for Membership Eligibility

I. Membership shall be conferred on the basis of character and specified scholastic, leadership, and service eligibility.

II. Eligibility criteria here specified are minimum ones; societies may have higher standards.

Scholastic Honor Societies

Eligibility is primarily based upon scholarship.

I. Upper-division/Graduate Societies.
A. Must be in the top twenty percent (20%) of their class scholastically;
B. Undergraduates must have earned at least sixty 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 (20%) 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 3.6 GPA for seniors), language study, and other criteria. For information, please visit http://pbk.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 (7.5%) of their respective colleges. Seniors must be in the upper ten percent (10%) of their respective college. All students must have at least twenty-four (24) earned semester hours at Florida State University. For information, call (850) 644-2451/644-0387 or e-mail lmahler@admin.fsu.edu.

Founded in 1977, Golden Key International Honour Society honors undergraduate 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 within the community. The chapter has been named Florida State University Campus Organization of the Year and has been recognized for excellence by the national organization. Every Fall, the chapter automatically invites those students with at least thirty semester hours (twenty-five of which must be at Florida State University) and in the top fifteen percent (15%) of the sophomore, junior, senior, or graduate class. For information, visit http://fsugoldenkey.com or e-mail ggaris@fsugoldkey.com.

Phi Eta Sigma is a national honor society that encourages and rewards academic excellence among first-year students in institutions of higher learning. The oldest and largest freshman honor society, Phi Eta Sigma was founded in 1923 and now has over 350 chapters throughout the United States with over 900,000 members. Established at FSU in 1955, our undergraduate and graduate members may apply for national scholarships of $1,000-$10,000. Full-time students who have a cumulative grade point average (GPA) of at least 3.5 at the end of any curricular period during their first year in college are eligible for lifetime membership, which is conferred upon induction. Each year, the Florida State University chapter participates in various optional activities, which in the past have included leadership workshops, community service activities, tutoring, and peer advising. Selected members represent FSU at the biannual national conference. For information, visit http://undergrad.fsu.edu/Phiesi; call (850) 644-7424, or e-mail PhieS@fsu.edu.

The National Society of Collegiate Scholars is an honors organization that recognizes outstanding academic achievement among first and second year college students and encourages members to develop leadership skills through community service. The society was founded in 1994 at The George Washington University, and the Florida State University chapter was formed in 1995. The society offers scholarships, awards, service opportunities, and leadership programs. Every Fall the chapter invites to membership those students who are ranked in the top 20 percent with a minimum GPA of 3.4. For information,visit http://nsocs.fsu.edu, call (850) 644-9773, or e-mail nvankoughnet@admin.fsu.edu.

Leadership/Scholastic Societies

The W.E.B. Du Bois Honor Society, organized in 1991, is named for the black scholar, editor, and author of The Souls of Black Folk, who set high standards for educating African-Americans in the late 19th and 20th centuries. The purpose of the Du Bois Society is to recognize academic excellence among African-American students and to support, guide, and encourage their involvement in other leadership and honorary organizations at Florida State University.

The grades of all full-time African-American undergraduate students will be automatically reviewed for eligibility each Fall. If eligible, students will be invited to join the society. To qualify, candidates must have achieved a 3.3 cumulative GPA at Florida State University and must have earned at least thirty semester hours at this University. Transfer students and seniors will be considered for eligibility on an individual basis. For more information, contact the Undergraduate Studies Dean’s Office, A3300 University Center, Tallahassee, FL 32306-2460 or call (850) 644-2451 or e-mail dubois_hs@fsu.edu.

The Omicron Delta Kappa is a national 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 a homecoming awards breakfast or banquet honoring outstanding Florida State University alumni and participation in Leadership Awards Night and in the 7:50 A.M. Breakfast Club, where faculty, staff and alumni meet with current ODK students to discuss campus issues. The Florida State University chapter participates in the national society’s “Circle of Distinction.” A national lifetime membership, which is conferred upon induction. Each 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://undergrad.fsu.edu/omick; call (850) 644-5323, or e-mail losteen@admin.fsu.edu.

Mortar Board is a national honor society for college seniors. The national organization was founded in 1918 and the Florida State University chapter in 1931. Each year Mortar Board sponsors activities to provide service, advance the spirit of scholarship, and facilitate cooperation among honor societies. Every Spring, juniors in the upper thirty-five percent (35%) of their class are
invited to apply. Members are selected on the basis of scholarship, leadership, and service. For information call (850) 644-7199 or e-mail kfield@foundation.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 twelve semester hours at that campus with a GPA of 3.5 or higher. For information e-mail cris@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/Latino culture. Membership into the OASHHS shall be granted to those sophomores, juniors, seniors, and transfer students of Hispanic heritage who have attained a 3.3 GPA or above and who have fulfilled the required service projects. The OASHHS is a scholastic/leadership society. To become a member of this organization, contact Undergraduate Studies Dean’s Office, A3300 University Center, Tallahassee, FL 32306-2460 or call (850) 644-2740.

**Garnet and Gold Key**, founded in 1924, is the oldest leadership honor society on the FSU campus. The society was formed to recognize the spirit of service, leadership, and loyalty. The society’s annual activities now include Torch Night, which recognizes the top one hundred incoming freshmen and the conferral of The Ross Oglesby Award, given to one outstanding faculty or staff member who has dedicated ten years of service to the University, its students, and various community service projects. Juniors and seniors are able to apply twice a year for membership. Membership is granted on the basis of outstanding academic achievement and a diversified leadership experience. For more information please visit http://garnet.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 email 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, Bior; holding meetings at which undergraduate research papers are presented in the style of graduate meetings; and awarding competitive research stipends to faculty supervisors who support undergraduate research and publication.

The honors organization of the Department of Classics is Eta Sigma Phi, founded in 1924 to promote the study and appreciation of classical languages and literature. The University chapter, organized in 1926, is the oldest active chapter in the United States. The chapter arranges lectures, poetry readings, slide presentations, movies, translation contests in Greek and Latin, and tours. New members are invited twice a year, based on a “B” average in Greek and Latin courses.

The Department of Computer Science sponsors a chapter of Upsilon Pi Epsilon, the honor society for the computing sciences. The society is student-run and works closely with the local student chapter of the Association for Computing Machinery (ACM). Undergraduate computer science majors must have completed sixty-four semester hours of study, including eighteen semester hours in computer science, and have at least a 3.2 GPA overall and within the major. Courses taken in computer science must have been in residence at FSU at least one semester and have completed at least one-half of the number of semester hours of graduate work required for the master’s degree with a GPA of at least 3.5. For more information, visit http://upe.acm.org/.

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, forums on applying to graduate and law schools, marathon readings of favorite texts, publication of a literary journal, and an annual poetry and fiction contest for Leon County middle schools. Interested students should submit an initiation paper and fee to the Director of Undergraduate Studies in English.

The Department of History boasts the fourth chapter in the nation (founded in 1926) of Phi Alpha Theta, an honor and professional society dedicated to promoting the study of history. The chapter sponsors speakers, seminars, and publications. Students, who need not be history majors, may apply for membership twice a year. Undergraduates need twelve 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 Society, the Florida State Student Actuarial Society, and the student-led Graduate Student Seminar.

Chi Epsilon Pi is the honor society for outstanding students in the Department of Mathematics. 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 mathematics coursework while in graduate status, a 3.5 or better GPA in all mathematics coursework, an overall GPA of 3.25 or greater, and at least one year in the Department of Mathematics. Undergraduate students are eligible upon completion of at least seventeen graded semester hours of mathematics coursework at 2000 level or higher, and must have at least a 3.25 GPA in all mathematics coursework, a 3.25 or greater GPA overall from the University, holding with the first semester as a junior and ending with the last complete semester, and at least one year in the Department of Mathematics. Other criteria exist for special students. Students are inducted each Spring.

The Department of Military Science fosters a chapter of the national organization Scabbard and Blade. The chapter participates in various civic and Reserve Officer Training Corps (ROTC) activities. Invitations are extended once a year based on membership in the Advanced ROTC Program, a “B” average, and standing in the top fifty percent (50%) of ROTC students. Initiation includes a service project.

The Department of Modern Languages and Linguistics has five honor societies, each with a different language of focus: French. Pi Delta Phi has long been established at Florida State University and inducts major and minor students on the undergraduate and graduate levels. Prospective members must have a 3.0 GPA overall and in French classes, with at least one French class on the 3000 level. The French faculty are all members of the society. Graduate students must have a 3.0 GPA in French as well as an overall GPA of 3.0, and must have completed one semester of graduate work in French.

German. Delta Alpha Phi has had a charter at the University since 1979. New members may apply once a semester. Minimum requirements include a 3.5 GPA in German and 3.0 overall GPA, plus three (3) German courses completed or in progress with an “A-” average.

Italian. Gamma Kappa Alpha was organized in 1983; the University chapter followed in 1984. New members are invited each Spring. Membership is open to undergraduate Italian majors with a minimum 3.0 GPA overall and 3.5 in Italian.

Slavic (including Russian). Dobro Slovo was founded in 1926; the University has had a chapter since 1972. Each Spring, students apply, or are invited, based on two years of study of Slavic languages and related subjects with a “B+” average and an overall “B” average.

Spanish. Sigma Delta Pi is the honor society for students of Spanish and has had a chapter at the University since 1935. Sigma Delta Pi offers students competitive opportunities to study abroad. Undergraduates must have a 3.2 GPA in Spanish and must rank in the top thirty-five percent (35%) of their class. Applicants must complete nine 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.

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.
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, based on academic achievement.

Beta Alpha Psi is the national scholastic 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 accounting, and overall, may apply for membership. New members are initiated in the Fall and Spring semesters.

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 scholarship and 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 or communication disorders major; to have completed at least fifteen semester hours in communication and sixty hours overall; and have a minimum of a 3.5 GPA overall and in the major, with no grades below “C–”, no more than one incomplete (I) on a maximum of six semester hours, and no unsatisfactory grades (U). New members are invited at the beginning of each Fall and Spring semester.

Beta Phi Mu, the International 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 College of Communication and Information on the Florida State University campus. Every year graduating students from member schools and departments of Library and Information Studies (LIS) who have earned at least a 3.75 GPA and who rank in the top twenty-five (25%) of their graduating class are invited to join Beta Phi Mu.

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 a 3.2 GPA in their major courses. Students must also rank in the top thirty-five percent (35%) of their class and have completed a minimum of four courses within the criminology and criminal justice curriculum. The society is open to students with a declared criminology and criminal justice major or minor.

College of Education

Kappa Delta Pi has 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.

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.

College of Engineering

Tau Beta Pi, the College of Engineering’s most prestigious honor society, was formed in 1985 as the Engineering Honor Society. It was chartered and installed at the FAMU–FSU College of Engineering on February 29, 1992 as the Florida Eta Chapter of Tau Beta Pi. The Tau Beta Pi Honor Society recognizes outstanding scholarship and exemplary character, with emphasis on community service and upholding the engineering canon of ethics. New members are invited twice a year to join Tau Beta Pi based on academic standards and exemplary character. New members must be in the upper one-fifth of all engineering seniors or upper one-eighth of engineering juniors.

College of Human Sciences

Kappa Omicron Nu was established in 1990 with the consolidation of Kappa Omicron Phi and Omicron Nu. Omicron Nu was established at the University in 1922. The local chapter is Omicron Pi Chapter. Kappa Omicron Nu recognizes and encourages excellence in scholarship, research, and leadership. Undergraduates must have completed at least fifteen 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 course work as a major in the college, and Ph.D. 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.

College of Law

The Order of the Coif was founded in 1902 and came to the University in 1979. New members are invited once a year from the top ten percent (10%) of the graduating class.

College of Music

Pi Kappa Lambda is an honor society dedicated to fostering scholarly interest in the theoretical and historical aspects of music and to the pursuit of eminent achievement in performance, composition, music education, music therapy, and research. Pi Kappa Lambda was founded in 1918 and established the Phi Chapter at the University in 1922. The local chapter is Omicron Pi Chapter. Kappa Omicron Nu recognizes outstanding scholarship and exemplary character, with emphasis on community service and upholding the engineering canon of ethics. New members are invited twice a year to join Tau Beta Pi based on academic standards and exemplary character. New members must be in the upper one-fifth of all engineering seniors or upper one-eighth of engineering juniors.

Rho Phi Lambda is the national honorary fraternity for the recreation, park, and leisure services profession. The original Rho Phi Alpha honorary fraternity was founded at North Carolina State College in 1958. In 1985, the eleven chapters of Sigma Lambda Sigma honorary fraternity (originally founded at Florida State University in the 1960s) were merged with the six original Rho Phi Alpha Chapters to become Rho Phi Lambda. The society now maintains over 30 chapters throughout the United States. Membership is based on outstanding scholarship, leadership in service to the community and to the University, and service to the profession.

College of Nursing

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.

College of Nursing

The Order of the Coif was founded in 1902 and came to the University in 1979. New members are invited once a year from the top ten percent (10%) of the graduating class.

College of Music

Pi Kappa Lambda is an honor society dedicated to fostering scholarly interest in the theoretical and historical aspects of music and to the pursuit of eminent achievement in performance, composition, music education, music therapy, and research. Pi Kappa Lambda was founded in 1918 and established the Phi Chapter at the University in 1922. The local chapter is Omicron Pi Chapter. Kappa Omicron Nu recognizes outstanding scholarship and exemplary character, with emphasis on community service and upholding the engineering canon of ethics. New members are invited twice a year to join Tau Beta Pi based on academic standards and exemplary character. New members must be in the upper one-fifth of all engineering seniors or upper one-eighth of engineering juniors.

College of 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 (35%) of their class, with a minimum GPA of 3.0. Graduate students are eligible for consideration once they have completed one-fourth of the graduate nursing program, provided they have a GPA of 3.5 or better.
College of Social Sciences and Public Policy

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. Applicants from all majors are welcome.

Gamma Theta Upsilon is the honor society in the Department of Geography. The society was founded in 1931 and came to the University in the mid-1950s. The local chapter organizes lectures and field trips. Both undergraduate and graduate students are eligible, and invitations go out twice a year. A student must have a 3.0 overall GPA, must have a “B” in geography in at least three courses, and must have completed at least three semesters of college course work.

The honor society of the Department of Political Science is Pi Sigma Alpha. The society was founded in 1920, and a chapter was established at the University in 1954. Undergraduate and graduate students may apply if they have at least twelve semester hours in political science (including public administration) with a 3.2 GPA and a 3.0 overall GPA.

Pi Alpha Alpha is the national honor society for the field of Public Administration. New members are invited semi-annually based on a 3.75 graduate GPA or better and a minimum of twenty-one (21) completed semester hours, both in their degree program.

The honor society for the Department of Sociology is Alpha Kappa Delta. The aim of the University chapter, Alpha, is to stimulate scholarship and maintain a fellowship for students, both at the graduate and undergraduate levels. Requirements for undergraduates include the following: junior or senior classification; a minimum of twelve 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.

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.
COLLEGE OF ARTS AND SCIENCES

Dean: Joseph Travis; Associate Deans: Rob Contreras, Lois Hawkes, Sam Huckaba, John Kelsay, Joseph F. Owens III

The oldest college at the University, the College of Arts and Sciences has provided generations of undergraduate students instruction in the liberal arts disciplines that are essential for intellectual development and personal growth: English and mathematics; history; the humanities; and the physical, biological, and behavioral sciences. At the graduate level, too, the contributions of the College of Arts and Sciences have been integral with the growth of the University. The first recorded master’s degree at the Florida State College for Women was awarded by the College of Arts and Sciences in 1911, and the first doctorate at Florida State University was awarded in chemistry in 1952.

College of Arts and Sciences faculty have earned national and international recognition for research, teaching, and distinguished service to the profession. In addition to awarding Bachelor of Science (BS), Bachelor of Arts (BA), Master of Science (MS), Master of Arts (MA), and Doctor of Philosophy (PhD) degrees, and heavily supporting the Liberal Studies Program, the College of Arts and Sciences offers an extensive array of foundation courses for 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 (52) or more semester hours of accepted credit. Successful CLAST completion (or exemption) is also required. Admission to the College of Arts and Sciences requires at least a 2.0 grade point average (GPA) in prior academic work and that the student be in good standing within the University. Since individual departments may stipulate higher admission standards, students should consult the appropriate chapters of this General Bulletin for specific requirements.

Students enrolled in the College of Arts and Sciences may concurrently prepare for, and become certified in, various professional programs. This is made possible by the cooperation of professional schools within the University, with various College of Arts and Sciences departments that have established programs with special emphasis in certain professional areas.

Foreign Language. The College of Arts and Sciences requires that Bachelor of Arts and Bachelor of Science students be proficient at the intermediate level in one language other than English. Students may satisfy the requirement by completing course work through the 2000 level (2200 or equivalent course) of a classical or modern foreign language. Those with a 2.5 GPA may take these courses on a satisfactory/unsatisfactory (S/U) basis, so long as they meet the University deadline for declaring this intention. A student taking course work to fulfill the College’s foreign language requirement must earn at least a “C-” (2.0) grade. Hours used to fulfill the foreign language requirement may not be counted toward a major or a minor. For exceptions to this policy, students should contact the College of Arts and Sciences. Native speakers of another language and other students who wish to demonstrate proficiency by means other than course work should consult the Department of Modern Languages and Linguistics.

Please note that the College’s classical or modern foreign language requirement is more extensive than the University’s foreign language admissions requirement. It is important to understand that, although completion of two years of high school foreign language courses or two semesters of postsecondary foreign language will satisfy the University’s admissions requirement, these courses do not satisfy the College of Arts and Sciences’ foreign language graduation requirements for BA and BS students. Please consult the “Admissions” section of this General Bulletin for more information.

Beginning Fall 2002, all students who intend to continue study of a modern foreign language at Florida State University in which they have 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.

Florida State University does not currently offer modern foreign language or classical language instruction at the Panama City campus. Therefore, students pursuing BA or BS degrees in the College of Arts and Sciences at the Panama City campus may count as part of their sixty semester hours of senior institution work a maximum of twelve semester hours of courses taken at Gulf Coast Community College, Pensacola Junior College, Okaloosa-Walton Community College, or Chipola Junior College to satisfy the language requirement. These hours will count toward the sixty semester hours only if they are taken subsequent to the students’ upper-division enrollment at the Panama City campus.

Minor. Most majors in the College of Arts and Sciences also require a completed minor. Exceptions include secondary science/math teaching, humanities, foreign language/business, English/business majors, Middle Eastern studies, and certain science programs with collateral minors. Students completing a double major do not have to complete a minor. Students pursuing two degrees (dual certificate or a second baccalaureate degree) must have a separate minor for each degree that is awarded by this College. If one of the degrees is to be awarded by another College in the University, that College’s office will specify any minor requirements. While many minors require only twelve semester hours, others require as many as eighteen semester hours. No courses used for satisfying liberal studies requirements or a major may also be counted toward the minor. Normally, the student’s minor will be in a different department than the major. In a few cases it may be possible to take the minor in a different program, but within the same department as the major. Students wanting to pursue that possibility must consult with their departmental advisor.

Requirements for the Major. See departmental entries for specific requirements. If courses from the major department are used to meet the liberal studies requirements, no more than four semester hours of these liberal studies courses may also be counted toward the major requirements.

Second Baccalaureate Degree or Dual Certificate

A student completing a second bachelor’s degree in the College of Arts and Sciences must complete at least thirty semester hours, and a minor, at Florida State University, in addition to the required hours for the first degree. The student must complete a new major and a new minor (with no overlap between these and the first major and minor), the arts and sciences liberal studies requirements, and demonstrate satisfaction of the College of Arts and Sciences foreign language requirement.

Note: To distinguish between second baccalaureates and second majors, see the appropriate paragraph under “Undergraduate Degree Requirements” in this General Bulletin.

Departments

<table>
<thead>
<tr>
<th>Humanities Area</th>
<th>Science Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classics</td>
<td>Anthropology</td>
</tr>
<tr>
<td>English</td>
<td>Biological Sciences</td>
</tr>
<tr>
<td>History</td>
<td>Chemistry and Biochemistry</td>
</tr>
<tr>
<td>Humanities</td>
<td>Computer Science</td>
</tr>
<tr>
<td>Modern Languages</td>
<td>Geological Sciences</td>
</tr>
<tr>
<td>Philosophy</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Religion</td>
<td>Meteorology</td>
</tr>
<tr>
<td>Physics</td>
<td>Oceanography</td>
</tr>
<tr>
<td>Psychology</td>
<td>Physics</td>
</tr>
<tr>
<td>Scientific Computing</td>
<td>Psychology</td>
</tr>
<tr>
<td>Statistics</td>
<td>Statistics</td>
</tr>
</tbody>
</table>
College of Business

Mission
It is the mission of the College of Business to provide high quality, innovative instruction that prepares, challenges, and inspires students to shape the future of business; to be an international thought leader by producing high quality scholarly research and publishing in top tier journals; to establish and foster relationships with our alumni, the business community, and our other stakeholders; and to help the University fulfill its mission and achieve its vision.

General Information
The College of Business is one of a select group of business programs in the country fully accredited by AACSB-International. This accreditation includes all undergraduate and graduate programs in business and separate accreditation of the programs in accounting.

Since its founding in 1950, the College of Business has provided quality business education to over 40,000 alumni who have gone on to positions in regional and national organizations. The College, through its faculty, curricula, and programs, is committed to educating and developing its students for careers as future business executives and leaders.

Over the years the College of Business has been successful in building a very capable and motivated business faculty. Faculty members throughout the several business disciplines are very productive researchers and effective teachers. These faculty members also maintain important contacts with the business community through various types of service and applied research activities. As a result of its capable and dedicated faculty, the College of Business has been able to attract highly qualified students. Business students have strong analytical and communicative aptitudes and have a spirit of enterprise and creativity. The interaction of these students with highly qualified business faculty, coupled with well-designed business program options, creates a stimulating learning environment.

The achievements of the College of Business have been recognized by the business community in the form of development funds for scholarships, endowed chairs, professorships, teaching and research grants, and other program activities.

Programs Offered
The College offers curricula leading to the degrees of Bachelor of Science (BS), Bachelor of Arts (BA), Master of Business Administration (MBA), Master of Accounting (MAcc), Master of Science in Management (MSM), Master of Science in Management Information Systems (MSMIS), and Doctor of Philosophy (PhD) in business administration. The College of Law and the College of Business offer a joint-degree program leading to the Juris Doctor (JD) and the Master of Business Administration (MBA) degrees.

At the undergraduate level, students may major in accounting, entrepreneurship, finance, hospitality management, human resource management, management, management information systems, marketing, professional golf management, real estate, or risk management and insurance.

The Master of Business Administration (MBA) program is a twelve-month program designed for students who have an undergraduate business degree (or who have completed a specific set of prerequisite business courses). The program is offered on a full-time and part-time basis. The full-time program begins once each year in the Summer term. Students are encouraged to have at least two years of work experience prior to entering the MBA program. The part-time MBA program is offered online. The online MBA program begins each semester.

The Master of Accounting (MAcc) program is designed to allow the student to 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.

The Master of Science in Management program (MSM) with a major in risk management/insurance is taught online. It is designed for professionals who wish to study part-time to advance and enhance their careers in the risk management/insurance industry.

The Master of Science in Management Information Systems (MSMIS) program prepares students for careers in information systems analysis and design.

The program is designed for students with a background in business who are looking to enhance their information systems development skills and/or change careers to management information systems. The program is taught online.

The objective of the doctoral program in business is to prepare students for careers in university teaching and research, as well as for selected administrative and research positions in industry and government. Students receive the Doctor of Philosophy in business administration and concentrate in one of the following: accounting, finance, management information systems, organizational behavior and theory, strategic management, marketing, or risk management and insurance.

Institutes and Centers
The Jim Moran Institute for Global Entrepreneurship provides services to small businesses throughout Florida 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 de Santis 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.

Facilities
The Charles A. Rovetta Business Building is ideally located near the center of campus adjacent to Strozier Library and the Oglesby Union. It contains modern classrooms, faculty and staff offices, and numerous support facilities. The College of Business Technology Center houses state-of-the-art computer laboratories and training rooms. It provides students access to the latest technology used in business. The College of Business Undergraduate Programs Office and Advising Center provides students a wide variety of advising services.

The Dedman School of Hospitality is located in the University Center Building B, which provides for the specialized academic/training objectives established by the school. In addition to classrooms, this state-of-the-art facility provides hospitality students with teaching kitchens, a satellite technology center, a publication resource center, and a placement center. The building also contains an affiliated professionally managed city club that provides hospitality students with real-world food and beverage experience in elegant surroundings.

Opportunities
The College of Business programs are designed to provide high-quality business education to its students. This goal is accomplished through the following instructional objectives:

1. The curriculum instills in students a sense of ethical values and an appreciation of their responsibility for contributing to the continuing advancement of our culture and for dealing with emerging societal problems;
2. The curriculum provides a thorough understanding of the methods of policy-making;
3. The curriculum develops within students a spirit of enterprise based on new business and organizational activities and to initiate new concepts of management; and
4. The curriculum increases students’ abilities to communicate ideas clearly and to appraise critically both written and spoken discourse and offers opportunities for in-depth study in the areas of the behavioral, quantitative, and information sciences.
Using these objectives as its guide, the College of Business has created an active, stimulating learning environment for both students and faculty. As part of this environment, students participate in independent study, research, laboratory experimentation, field experience, discourse, and scholarly writing.

Scholarships/Awards

Faculty

The College of Business possesses several eminent scholar chairs and numerous professorships. These prestigious faculty positions are occupied by outstanding scholars in various disciplines of business. These faculty not only conduct research, but teach at both the graduate and undergraduate levels.

Student Awards and Honors

A number of organizations are available to students in the College of Business. These organizations include service clubs as well as honor societies. The most prestigious honor society in business is Beta Gamma Sigma. This national honor society for business students was founded in 1913. The Florida State University chapter was established in 1962. Election to membership is the highest honor one can achieve in academics in the business area. Membership is available to both undergraduate and graduate students and is based upon outstanding academic achievement.

Scholarships

The College of Business offers several types of scholarships and financial aid for both undergraduate and graduate students. At the undergraduate level, the funding sources for the scholarships include the College of Business, specific individuals and firms, and various state and national industry associations. The amount and selection criteria of each award vary according to the program the award supports and the funding source. In addition to scholarships, the College of Business and the University provide numerous opportunities for part-time work as student assistants.

At the graduate level, the College of Business provides a number of fellowships to master’s and doctoral students. Graduate research and teaching assistantships are also provided to doctoral students and master’s students.

Requirements

All of the undergraduate programs in the College of Business are designated as limited access programs. To pursue any major in the College of Business, students must meet the admission requirements for these limited access programs. All majors in the College of Business have the admission requirements listed below.

Students should complete the prerequisite courses required for admission during their first three to four semesters of college work. Students attending Florida community colleges should complete the prerequisite courses required for admission while fulfilling general education requirements leading to the Associate in Arts (AA) degree. Electives taken in the first two years after fulfilling general education requirements and the prerequisite courses for business, should be in areas such as English, communication, social sciences, humanities, and analytical reasoning.

Admission Requirements

Admission to the limited access programs in the College of Business is based on availability of faculty and space by discipline. For each admission cycle (academic year), a minimum grade point average (GPA) is established by the College of Business that limits enrollment to a number of students consistent with the available faculty and space.

In order to be eligible for admission to one of the limited access programs in the College of Business, the student must complete the following requirements:

1. Must have completed at least fifty-two acceptable semester hours;
2. Must have compiled the required GPA (based on all attempted course work at the college level) that is in effect for the term in which application is made. The required GPA may change each year; information regarding the current required GPA is available at http://www.cob.fsu.edu; and
3. Must have completed all of the State of Florida Common Program Prerequisites for Business Programs listed below except for ACG X071. All business students, except accounting majors, must complete ACG X071 prior to graduation, but not necessarily prior to admission to one of the limited access programs. Accounting majors at Florida State University are not required to complete ACG X071.

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/navigate/detail_ext/cpp_intro.do?pageld=060304 for a current list of state-approved prerequisites.

1. ACG X021 or ACG X001 and ACG X011;
2. ACG X071 (not required of students majoring in accounting at Florida State University);
3. CGS X100*/or CGS X100C*;
4. ECO X013;
5. ECO X023;
6. MAC X233 or MAC X230;
7. STA X023 or STA X122 or QMB X100.

Course Requirements

All undergraduate business students must complete: (1) the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin; (2) the State of Florida common prerequisites for business; (3) the general business core requirements; (4) the general business breadth requirements; and (5) the major area requirements for their chosen major.

General Business Core Requirements

All business students (except accounting majors, see note below) must complete the following five courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal 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).

Note: *BUL 3310 is not required of accounting majors; accounting majors must complete BUL 3330 with a grade of “C–” or better as part of their major area requirements.

General Business Breadth Requirements

All business students must complete three of the following courses. The specific courses that must be completed to meet general business breadth requirements vary by major. Please refer to the appropriate departmental chapters of this General Bulletin to aid in selecting specific courses to meet these requirements for each major. Each course selected must be completed with a grade of “C–” or better. No course may be used to satisfy part of the general business breadth requirements and part of the major area requirements.

HFT 3240 Managing Service Organizations (3).
ISM 3003 Foundations of Management Information Systems (3). (Not for MIS majors.)
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).
REE 3043 Real Estate (3).
RMI 3011 Risk Management/Insurance (3).

Major Area Requirements

Students must meet the major area requirements for their chosen major. These requirements are described in the appropriate departmental chapter of this General Bulletin. Students may major in:

- Accounting
- Entrepreneurship
- Finance
- Hospitality Management
- General Management (see Department of Management)
- Human Resource Management (see Department of Management)
• Management Information Systems
• Marketing
• Professional Golf Management (see Dedman School of Hospitality)
• Real Estate (see Department of Risk Management/Insurance, Real Estate, and Business Law)
• Risk Management and Insurance

Academic Policies
1. Students are required to meet College of Business graduation requirements specified in the University General Bulletin in effect at the time they are admitted to one of the limited access programs in the College of Business, or subsequent General Bulletins including the General Bulletin in effect at the time they graduate, provided they graduate within a period of six years from the date of first entry.

2. Changes to this General Bulletin that have been formally approved prior to Fall 2009, but not in sufficient time to meet publication deadlines, will be effective Fall 2009. Students can receive information on these changes in the undergraduate programs office of the College of Business.

3. All students must complete an official pregraduation check in the undergraduate programs office of the College of Business during the first three weeks of the semester prior to the semester in which they plan to graduate.

4. All students must apply for graduation at the Office of the University Registrar during the first two weeks of the semester in which they plan to graduate.

5. A minimum of thirty semester hours of the general business and major area requirements must be completed at Florida State University.

6. Transfer of upper-level business courses must be from business colleges at other senior institutions, must carry prerequisites similar to those of the courses they are replacing, and must be approved by the Dean of the College of Business. In evaluating this transfer credit, emphasis will be given to courses taken at other AACSB-International accredited business programs.

7. Students are not allowed duplicate credit hours for courses repeated in which they have made a “D” or better.

8. The only College of Business courses that may be taken on a satisfactory/unsatisfactory (S/U) basis are those courses restricted to S/U grades only.

Requirements for a Minor in Business
Students who are majoring in areas outside the College of Business and are 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.
College of Communication and Information  105

College of Communication and Information

Dean: Larry Dennis;  
Associate Deans: Robert Brooks, Gary R. Heald, Corinne Jörgensen;  
Assistant Deans: Ebrahim Randeree, Barbara C. Robinson

The College of Communication is in the process of being merged with the College of Communication. The material in this section related to specific academic programs remains accurate. For information about the structure of the new College of Communication and Information, please visit: http://cci.fsu.edu.

School of Communication and School of Communication Science and Disorders

Undergraduate Degree Programs

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. See department entries in this General Bulletin and the College Web site, http://www.comm.fsu.edu, or http://cci.fsu.edu, for specific information regarding departmental application requirements. Candidates for the baccalaureate degrees also must comply with general University regulations governing these degrees and must complete the major and minor requirements of one of the departments identified above. (See departmental entries for specific area concentrations and requirements.) To be awarded the BA degree, the student must complete the specified university-wide requirements for that degree.

Requirements for the Second Baccalaureate Degree (Dual Certificate)

A student completing a second bachelor’s degree in the 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

Both Communication and Communication Science and Disorders offer an honors program in the major. It is designed to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Dean’s List

Students who in any term carry a full-time course load of twelve or more letter-grade semester hours with a grade point average (GPA) of 3.5 or above earn the distinction of being on the dean’s list.

Graduate Degree Programs

Students making application for admission to one of the departmental graduate programs must also apply through the University Office of Admissions see http://admissions.fsu.edu for more information.

Communication 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, http://www.comm.fsu.edu.

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.fsu.edu, for complete descriptions).

Research and Service Facilities

The Schools offer students enriched learning experiences through a variety of teaching, research, and/or service opportunities, including:

The communication science laboratories provide facilities for the study of physical and psychological aspects of sound, speech, voice, and language. The Speech-Voice Science Laboratory has specialized equipment enabling analyses of duration, intensity, spectral, and fundamental frequency aspects of speech. Instrumentation and procedures for the forensic study of speech enable the detection of signals of noise and speaker identification from recorded speech samples. Computer-interfaced instrumentation is available for measuring vocal intensity and pitch, aeromechanical aspects of voice and resonance, and physiological functioning of respiration and the vocal apparatus. The Emerging Language Laboratory includes equipment for recording, editing, and analyzing audio and video samples of speech and language discourse and social interactions. On-site recording facilities accommodate small groups of children and children with their parents. Portable equipment is available for field recordings. Software programs for analyzing language samples and summarizing results are available. The Adult Language Laboratory provides facilities for the study of social and communication problems associated with acquired brain injury and illness in adults. These facilities are equipped with evaluation instruments and materials, audio/video equipment, and computers to facilitate data analysis.

The Augmentative and Alternative Communication Laboratory provides student clinicians with opportunities to learn about the evaluation and treatment of children and adults with severe communication disorders. The facility includes dedicated electronic communication devices with voice output, switches, keyboards, software programs, and other computer-based systems. Computer laboratories available to students and faculty are equipped with a full array of software and peripherals necessary for word processing, spreadsheet applications, database management, statistical and graphic analysis, language sample analysis, instructional material development, desktop publishing, and nonlinear video editing. The Language and Literacy Lab provides tests and materials available for assessing language and literacy development. Audio-video equipment, computers, and software are available for the development and evaluation of curriculum materials in the lab and in the field. Wireless headphone systems allow multiple instructional lessons to be delivered simultaneously in classrooms in investigations of vocabulary, phonological awareness, and phonics instruction. The Neurolinguistic-Neurocognitive Research Center is an interdisciplinary laboratory located in the Rehabilitation Center of Tallahassee Memorial HealthCare. A wide array of equipment and software is available to measure cognition and language. A GaitRite system assesses 30 parameters of gait in studies of the effects of cognitive load on posture, gait, and balance. A Biopac system is used to measure a variety of physiological parameters including EEG, EMG, EKG, respiratory, and cardiac function.

Teaching Facilities

Seminole Productions is the School of Communication’s video production unit. Seminole Productions provides a variety of services to other campus departments. One major client is the athletic department. Seminole Productions also produces the weekly University sports highlight show, Seminole Uprising, which reaches over two million households in Florida via the Sunshine Network. Students have numerous opportunities to become involved with Seminole Productions.

The Production Center houses a variety of equipment and facilities: a fully equipped television studio; video-editing suites in several formats; field production cameras and recorders in each of those formats; computerized on and off-line editing, digital video effects, and computer animation capabilities; nonlinear editing; and on-site engineering and management support. The facility was designed around the principle that students need maximum exposure to the equipment to develop the competency required in media production fields. WVSF-FM (V-89) is Florida State University’s student-operated college radio station. Communication students work at V-89 for college credit and are
responsible for programming, announcing, news and sports coverage, and all
other station operations. V-89 is "the Voice of Florida State," providing campus
information and alternative music programming. V-89 has been the recipient of
several national programming awards and is now available on the World Wide

The L. L. Schendel Speech and Hearing Clinic is the primary teaching labo-
atory for students enrolled in the communication disorders master’s degree
programs. This 40-room facility is the central focus of learning and service
activity. Videotape laboratories, diagnostic audiology instrumentation, sound
isolation rooms, electronic communication devices, and a complement of
other clinical resources serve the program’s needs for clinical management and
instruction.

The Schools maintain six fully-equipped computer laboratories. While
some labs serve specific program areas, others are available for general instruc-
tion and research. The labs are equipped with a full complement of personal
computer and laser printers, all of which are connected to the College’s net-
work. Connectivity to the network allows faculty and students to share data and
collaborate on projects.

The labs’ personal computers include a full array of commercial software
for word processing, spreadsheet development, database management, and
academic applications for statistical and content analysis. Some of the labs
serving the School of Communication include hardware and software for fully
integrated desktop publishing, multimedia products and video applications.
The School of Communication Science and Disorders offers labs equipped
with hardware and software for language sample analysis, instructional mate-
rial development, and desktop publishing. Certain labs also include hardware
and software for nonlinear video editing.

School of Library and Information Studies

In the emerging connected society, information and information technology
are ubiquitous and influence almost all forms of human activity. Modern IT
professionals use information and technology to support the goals and cultures
of the people and organizations they serve. The School’s Bachelor of Science in
information technology (IT) program prepares graduates who can apply
technology innovatively, manage information purposefully, communicate ef-
ficiently, and work productively with people. Successful information tech-
nology professionals determine an organization’s information needs and then
design, create, and manage information systems to meet those needs. In the
IT program students participate in hands-on learning experiences designed to
develop and hone leadership skills in communication, technology, teamwork,
information management, critical thinking, and problem solving.

The BS in IT program is a forty-two semester hour program, offering mul-
tiple concentrations such as the ones in information systems and services or
in information organization and communication. The program requires six
foundation courses, two capstone courses, and six concentration and elective
courses. Students can focus on topics such as databases, networking, security,
Web development and administration, information architecture, project man-
agement, and usability.

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
eyear information fields to educate IT professionals who make a difference
in the organizations for which they work and create value through the appro-
priate and judicious use of information technology. Specific careers include
information architect, network administrator, technical editor/writer, usability
analyst, content manager, systems analyst, technology coordinator, and Web
developer/administrator.

In addition to the BS in information technology, the School offers a Master
of Science (MS) degree in library and information studies, a specialist (S) de-
gree, and a Doctor of Philosophy (PhD) degree.

The College of Information was established in 1947 as a professional school
and is one of the top-ranked programs in the nation. The master’s degree pro-
gram is accredited by the American Library Association, and the College is a
member of the Association for Library and Information Science Education.

Requirements for All Incoming Students

All new main campus undergraduate students who enter the School are
required to provide their own laptop computer and the appropriate software.
Specific information may be found on the Web site at http://ci.fsu.edu/.

Requirements for a Major

Students are eligible to major in information technology after completing a
program of liberal studies with an overall grade point average (GPA) of 2.0 or
better. All students of Florida State University must fulfill the Liberal Studies
Program requirements set forth in the “Undergraduate Degree Requirements”
chapter of the General Bulletin.
Dean: Thomas G. Blomberg

Florida State University has one of the oldest criminology programs in the world. The College of Criminology and Criminal Justice at FSU is an intellectual community where students are involved in and learn about advancing criminological research that links science and theory to matters of effective and responsible public policy. The College values scholarly collaboration and emphasizes the importance of research that has real-world implications.

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

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

The College of Criminology and Criminal Justice offers undergraduate and graduate programs leading to the Bachelor of Science (BS) and Bachelor of Arts (BA) in criminology and criminal justice and in computer criminology; Master of Science (MS); Master of Arts (MA); and the Doctor of Philosophy (PhD). An accelerated bachelor’s to master’s degree program is offered for qualified criminology 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, certificates are available in corrections, law enforcement, and security administration. A certificate in underwater crime scene investigation is available at the Panama City campus. Evening courses are offered for undergraduate and graduate students.

Students in the College have an important opportunity for hands-on experience that is afforded by the College’s internship program. The University’s location in Tallahassee gives students access to extensive research and employment 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, governor, 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 criminological 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. Successful completion of the CLAST is also necessary. Transfer students who have earned an Associate in Arts degree from a Florida public community college or state university will be considered to have met the liberal studies requirement.

Academic Performance and Retention

The College of Criminology and Criminal Justice reserves the right to discontinue enrollment of any student in the College at any time if satisfactory academic progress is not being made. Specifically, students majoring in criminology and criminal justice must make a grade of “C” or better in the three core courses and maintain 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 criminal or criminal justice.

Students majoring in computer criminology must earn a “C” or better in core courses CCJ3011 and CCJ4700 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 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 student who applies for readmission to the College must meet the major and degree requirements of the General Bulletin in effect on the date of readmission.

Major Requirements for Criminology and Criminal Justice

To major in criminology and criminal justice, 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 (15 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.

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 semester hours in criminology and criminal justice, computer science and mathematics. Students must complete twenty-four hours in criminology and criminal justice and twenty-five hours in computer science coursework, including eight core courses. The required core courses from criminology and criminal justice are CCJ 3011, CCJ 4700, CJE 4610 and CIL 4064. The required core courses from computer science are CDA 3100, COP 3014, COP 3353, COP 3330. A total of six hours of capstone coursework representing criminology 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 additional hours in computer science coursework. Students must earn a grade of “C-” or better in 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 2020, CCJ 3634, CCJ 3666, CCJ 4010, CCJ 4209, CCJ 4610, CCJ 4816, CJE 3110, CJL 3510, CDA 4503, CIS 4360, CIS 4361, CIS 4362, CNT 4603, COP 4342, COP 4530, COP 4610, and COP 4710.

Internships

A variety of internships are available at the local, state, and federal levels. Internships can be chosen from the fields of law enforcement, courts, corrections, criminal justice planning, criminological research, and private sector opportunities. The internship is available for juniors and seniors who have completed the core courses (CCJ 2020, 3011, 4700) and have satisfied the CLAST requirement. The intern receives a satisfactory/unsatisfactory (SU) grade, and full credit is given upon successful completion of both the academic component and the work hours.

Students are advised that information pertaining to all matters of public record, such as arrests and convictions, may be required by the agencies accepting interns. Although a reasonable effort is made to place a student in
an internship, the University will not be liable if a student cannot be placed. Students are responsible for all living and transportation expenses during the field experiences.

Minor Requirements

A minor in criminology and criminal justice may be obtained upon completion of four 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 four undergraduate certificate programs: corrections, law enforcement, security administration, and underwater crime scene investigation (UCSI offered at the Panama City campus only).

Honors in the Major

The College of Criminology and Criminal Justice encourages 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. Meet with an academic adviser to determine eligibility for the combined degree program.

Note: Enrollment in the combined program does not guarantee acceptance to the graduate program in the College of Criminology and Criminal Justice. Students must still apply to the graduate program and meet all graduate requirements to earn the master’s degree.

Student Activities

Alpha Phi Sigma is the nationally recognized honor society of students in 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 3.0 overall GPA and a 3.2 in their criminology and criminal justice courses. Students must also rank in the top 35% of their class and have completed a minimum of 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. A committee appointed by the Dean selects the recipients.

Undergraduate scholarships and awards include: Frank A. and Lynn W. Baker, Jerry A. and Carolyn S. Glass, Kelley R. Ivey, Ernest Kearns Ponce De Leon, Relgalf, James C. Sweat, 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.
In addition, early childhood education, education of students with exceptionalities, elementary education, and visual disabilities education are limited enrollment programs with capped enrollments. Students who satisfy the minimum requirements listed in this General Bulletin are not guaranteed admission to these programs. Admission to limited enrollment programs is competitive and regularly exceeds the minimum qualifications described in the next section.

Many departments have retention and exit standards that exceed normal University requirements. Refer to the department section for specific admission requirements and check with a departmental adviser.

The College of Education is committed to increasing the proportion of teacher candidates who have historically been underrepresented among Florida’s public school teachers. Applicants representing such groups 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)
- 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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. EDG X701
3. EME X040

In addition to EDG X701, the student must take six (6) additional semester hours with an international or diversity focus. The eligible courses will be determined by the institution where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree. Education courses may not be used to meet these communications, mathematics, natural and/or physical science, humanities, or social science requirements. Contact department and/or adviser for details.
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 Rule 6A-4.0021, Florida Teacher Certification Examinations, and State Board of Education Rule 6A-5.066, Approval of Educator Preparation Programs.

Criteria for Admission and Application to a Teacher Education Program

1. Have at least a 2.5 (on a 4.0 scale) grade point average (GPA) 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; and
6. Be admitted to Teacher Education, a Florida Department of Education status requirement recognizing candidate eligibility for certification (application available in 2301 Stone Building); and
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 10 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 course work (some programs may require a higher GPA)
2. Demonstrate achievement of standards and completion of specific course work requirements set by the program
3. Meet all University graduation requirements, including requirements mentioned above under 'Planning Guide to Teacher Education Programs'
4. Achieve a passing score on 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.

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 majoring in the middle and secondary education content areas such as English, mathematics, the pure sciences, and the social sciences. If the student is considering Alternative Certification as a=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 6 through 12) certification areas. The PTO is constituted as a 15-hour “minor” with five courses offered by the School of Teacher Education:

- EDF 4430, Classroom Assessments (3)
- EDF 4210, Educational Psychology: Developing Learners (3)
- RED 4335, Content Area Reading for Secondary School Teachers (3)
- LAE 4930r, Special Topics: General Teaching Methods (3)
- LAE 4930r, Special Topics: Specialized Teaching Methods (3)

Note: The ‘Special Topics’ designation for the two LAE courses above; no substitutions are permitted. 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.

Permission to register for individual courses in the PTO should be obtained from the Instructor and his/her respective department. 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, and, as such, cannot guarantee that any student who has begun course work in the PTO will necessarily be allowed to complete it. To be recognized as a complete of the state-approved Professional Training Option and receive the concordant transcript statement, students must apply in person, no later than the tenth week of the semester, to the Office of Academic Services and Intern Support (OASIS), 2301 Stone Building. OASIS will verify student credentials for the PTO at that time and communicate to the University Registrar the student’s eligibility to receive the ‘Statement of PTO Completion’ on his or her final transcript.

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; and, (7) for 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 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.

Placement Locations

- **Area I**: Gadsden, Jefferson, Leon, Madison, Taylor, and Wakulla counties.
- **Area II**: Bay, Calhoun, 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**: Brevard, Orange, Seminole, Lake, and Volusia counties.
- **Area IV**: Hillsborough, Manatee, Pasco, Pinellas, Polk, and Sarasota counties.
- **Area V**: Broward, Dade, and Palm Beach counties.
- Florida State University College of Education Professional Development Schools.
- Other areas as determined by the University Director of Teacher Education.

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

Applicants are specifically not guaranteed assignment to their home county nor to the immediate and general vicinity of the campus. Submission of an application by a candidate constitutes an agreement to accept assignment in the school and county where it is determined that the candidate’s academic program objectives for student teaching can best be achieved.

A candidate is expected to meet professional standards as expressed in the pertinent school laws of the state of Florida. Candidates are also informed that, consistent with applicable law, information pertaining to all matters of public record, such as arrest and/or convictions in a court of law, may be routinely furnished to public schools as well as prospective employers. Finally, fingerprinting 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 end of the 3rd week of Fall semester preceding placement</td>
</tr>
<tr>
<td>Fall Semester</td>
<td>No later than the end of the 3rd week of Spring semester preceding placement</td>
</tr>
</tbody>
</table>

**Note:** Application materials are available only online at [http://www.coe.fsu.edu/oce/stforms.html](http://www.coe.fsu.edu/oce/stforms.html). In addition, 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/OCE/future.html](http://www.coe.fsu.edu/OCE/future.html)).
To Innovation Park, which also houses the National High Magnetic Field Laboratory, the Center for Advanced Power Systems, the High Performance Materials Institute, 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 a machine shop for the common use of all programs.

**Libraries**

The main book and journal collections for engineering are housed in the Dirac Science Library at Florida State University and in the Coleman Library at Florida A&M University. The College also maintains an engineering library resource and reading room (also referred to as the engineering reading room or the College library) that functions as a satellite to the two university libraries containing engineering needs. Collections at the College library include monographs, texts, and reference works that directly support instruction and research at the College. Library computer facilities enable extensive electronic literature search throughout the university libraries and other sources. Library services include literature search training sessions for students and faculty. The College library is headed by a full-time librarian who is also a staff member of one of the two university libraries. Other College library personnel include assistants supported by the College.

**Computing Facilities**

Students 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 24 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 24 hours a day, 365 days a year. A cluster of Sun 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 is provided, including 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 service provider for the College) allowing for fast access to the Internet2 and the new LambdaRail network. Florida A&M University’s computing facilities also are connected to the Tallahassee MAN, thus providing a link to the College for its students. In addition to the local wired network, the College provides wireless LAN services throughout the facilities 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. A two-way videoconferencing link to the FSU-Panama City campus provides distance delivery of classes to those students,
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 (OTI); the National High Magnetic Field Laboratory (the ‘Mag Lab’); the Center for Advanced Power Systems (CAPS); the High Performance Materials Institute (HPMI), the Challenger Learning Center in downtown Tallahassee that houses a 3-D IMAX theatre, planetarium, and a Challenger Space Mission and Control Center; Northwest Regional Data Center (NWRC); Florida Department of Transportation research facilities; and WFSU Public Broadcasting television and radio stations as well as FAMU Computing Services.

Scholarships

Thanks to the donations from industry partners, educational programs, and private donors, the College of Engineering is able to offer a limited number of scholarships to qualified engineering students. Students can obtain scholarship information from the Office of Associate Dean for Student Affairs and Curriculum or by visiting the College Web site at http://www.eng.fsu.edu/index.php?page=school_main.

Career Services

The College provides a Career Center Office for students to obtain career related services. In addition, the University maintains a satellite office in the College Career Center to assist students in career and employment advising, including resume, cover letter, and personal statement writing, internship opp opportunity, and permanent job searches nationwide. Career Center staff also aid in preparing engineering students for interviews and presentations at career expositions, such as Engineering Day.

Honors in the Major

The College of Engineering offers honors in the major in several departmental programs. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for Admission and Retention in an Engineering Major

Engineering is a demanding discipline, and students majoring in engineering must follow a required sequence of courses and achieve a high level of proficiency. In accordance with criteria of ABET, Inc. (the recognized accreditor for College and university programs in applied science, computing, engineering, and technology), all engineering students are subject to a uniform set of academic requirements agreed to by both FAMU and FSU, in addition to any other academic requirements stated in the respective university catalog and bulletin. These requirements have been established to ensure that program graduates receive a quality education, make progress toward satisfying engineering major degree requirements, and are reviewed and revised as needed by the College of Engineering.

Pre-Engineering Requirements

All first-year engineering students (first-time-in-college or first-year transfer students) are initially coded as pre-engineering students until they satisfy the following pre-engineering requirements:

1. Students must 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 from any institution attended.

   Chemical engineering students shall replace General Physics I with General Chemistry II. A single repeated attempt in only one of the five (5) courses listed above with no more than one grade of “C–” is allowed. 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. Contact the Office of the Dean 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. A transfer student may be eligible for a waiver to complete EGN-1004L First-Year Engineering Laboratory. Contact the Office of the Dean for more details.

2. Once a pre-engineering student satisfies all the pre-engineering requirements, he/she may visit the Office of Dean to initiate the transfer process to his/her intended engineering major prior to the beginning of the following semester.

Course Grade Requirement and Practice

1. It is the practice of the College not to use “plus and minus (+/−)” grading for any undergraduate engineering course.

2. Engineering majors must earn a grade of “C” or better in all engineering courses that apply toward the degree. This requirement may be waived by the academic dean upon recommendation from the department chair for no more than one such course; and

3. A student who is failing a course cannot receive a grade of Incomplete (I). The student 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 the engineering dean and Council of Academic Program Coordinators (CAPS).

Engineering Course Prerequisites Policy

It is the student’s responsibility to be aware of the prerequisites of an engineering course prior to enrollment in that course. A student may contact the engineering dean or department chair for additional information concerning course prerequisites and this policy. Failure to fulfill course prerequisites may result in the removal of the course from the student’s enrollment at any time during the semester, with no refund of tuition or fees.

College of Engineering Council of 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

1. Engineering students who seek to withdraw from or drop a course should do so by the drop deadline established by the College of Engineering. Please note that the engineering drop deadline is generally several weeks before the university’s late course-drop deadline.

   Engineering students will not be permitted to drop or withdraw from a course after the engineering deadline except for a medical emergency, military obligation, or administrative reason.

2. An engineering student with excessive course withdrawals/drops may be transferred from his/her current engineering major to the pre-engineering major until he/she has met with an academic adviser to determine what steps are needed to improve his/her academic performance. The student may be reinstated back to his/her original engineering major only upon the approval of his/her academic department, the engineering dean, and the Council of Academic Program Coordinators (CAPS).

Transfer Students

Students who plan to enroll in another institution for the first two years and then transfer into the College of Engineering should use great care in selecting freshman and sophomore course work. To be admitted to an engineering major, transfer students must have satisfied the same pre-engineering requirements as students who take all their course work at FSU. Students are advised to consult with the College as early as possible concerning their first two years of study.

Students who transfer out of engineering program and then desire to transfer with the College as early as possible concerning their first two years of study. Students who have taken a college preparatory curriculum in high school including algebra, geometry, trigonometry, physics, and chemistry can complete the requirements for the Bachelor of Science degree in four years and one summer with an average load of sixteen hours per semester. A student with superior high school training may take advantage of opportunities for advanced placement through the University’s programs for acceleration. In order to satisfy the State of Florida, Division of Colleges and Universities, requirement of Summer attendance, it is recommended that students enroll in the Summer session at the end of the first year. Students who are not prepared to begin with calculus I (MAC 2311) may need to attend one additional Summer session.
The engineering curriculum is made up of five components: liberal studies, first-year engineering laboratory, engineering core, required courses in the engineering major area, and technical electives.

**Liberal Studies**

All students must meet University requirements for baccalaureate degrees stated in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Of the thirty-six semester hours required in liberal studies, thirteen of these semester hours are automatically satisfied by the engineering core courses listed herein. The engineering student must take a total of twenty-four semester hours in the areas of English, history, humanities, and social sciences. Students unprepared to begin calculus at the University level must, of course, also complete the necessary mathematics course work preparatory to calculus. All prospective engineering students should select humanities and social science courses to meet the above requirements.

**First-Year Engineering Laboratory**

All engineering students must complete EGN 1004L, the one-hour laboratory or its equivalent. Students entering the engineering program have completed all of the requirements listed under “Pre-engineering Requirements” except for EGN 1004L may receive a waiver of this requirement if they attend the New Engineering Student Orientation. Students who are pursuing a second baccalaureate degree in engineering may also receive a waiver with permission of the engineering dean. Any student who transfers out of engineering and then desires to transfer back to engineering must complete the course or its equivalent.

**Engineering Core**

All graduates of the College must master a common body of knowledge about their profession. This has been addressed by the adoption of an engineering core for all students seeking the BS in engineering. Some of these courses may be completed at a community college that offers a pre-engineering track. Others are only offered within the College.

The engineering core, which consists of basic science, mathematics, and professional courses, ensures that every student is provided with a solid background regardless of his or her option. The required courses are listed below:

- CHM 1045C General Chemistry I (4)
- CHM 1045L General Chemistry Laboratory (0)
- EEL 3003 Introduction to Electrical Engineering* (3)
- EEL 3003L Introduction to Electrical Engineering Lab** (1)
- EGM 3512 Engineering Mechanics* (4)
- EGN 2123 Computer Graphics for Engineers*** (2)
- EGN 3613 Principles of Engineering Economy* (2)
- EML 3100 Thermodynamics* (2)
- MAC 2311 Calculus with Analytical Geometry I (4)
- MAC 2312 Calculus with Analytical Geometry II (4)
- MAC 2313 Calculus with Analytical Geometry III (5)
- MAP 3305 Engineering Mathematics I (3)
- PHY 2048C General Physics A (5)
- PHY 2049C General Physics B (5)

* Except for chemical and mechanical engineering majors.
** Except for chemical and 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.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts.fsu.edu/navigation/detail_ext/cpp_intro.do?pageld=060304 for a current list of state-approved prerequisites.

The following lists the common program prerequisites or approved substitutions necessary for our engineering degree programs:

1. ENC X101
2. ENC X102
3. MAC X311*
4. MAC X312*
5. MAC X313*
6. MAC X302
7. CHM X045/X045L**
8. PHY X048/X048L
9. PHY X049/X049L
10. Six (6) semester hours of humanities
11. Six (6) semester hours of social sciences
12. Three (3) additional semester hours in humanities or social sciences

* or MAC X281, MAC X282, MAC X283
** or CHS X440

**Engineering Major Area**

Course requirements for engineering major areas consist of additional mathematics and basic science courses, engineering science courses, and engineering design courses. A current statement of requirements for engineering major areas is available as advising materials in the academic departments.

**Definition of Prefixes**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL</td>
<td>Electrical Engineering</td>
</tr>
<tr>
<td>EGM</td>
<td>Engineering Mechanics</td>
</tr>
<tr>
<td>EGN</td>
<td>General Engineering</td>
</tr>
<tr>
<td>EML</td>
<td>Mechanical Engineering</td>
</tr>
</tbody>
</table>

**Undergraduate Courses**

- **EEL 3003. Introduction to Electrical Engineering (3).** Prerequisites: MAC 2312, PHY 2048. Corequisite: EEL 3003L. This course is an introduction to electrical engineering concepts for non-electrical engineering majors. It covers a broad range of topics, including basic circuit theory, semiconductor devices, microprocessors, instrumentation amplifiers, and machines.
- **EEL 3003L. Introduction to Electrical Engineering Laboratory (1).** Prerequisites: MAC 2312, PHY 2048. Corequisite: EEL 3003. Laboratory in support of EEL 3003. Must be taken concurrently with first enrollment in EEL 3003. Must be dropped if EEL 3003 is dropped.
- **EGM 3512. Engineering Mechanics (4).** Prerequisites: MAC 2312, PHY 2048. Corequisite: MAC 2313. Course topics include statics and dynamics of particles and rigid bodies using vector analysis, free body diagrams, equilibrium of particles and rigid bodies, particle and general rigid body motion, work/energy, impulse and momentum methods.
- **EGN 3613. Principles of Engineering Economy (2).** Prerequisite: MAC 2313. An emphasis on 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: MAC 2312, PHY 2049. An introduction to engineering thermodynamics; basic concepts, properties of pure substances, work and heat; first and second laws of thermodynamics, closed and open systems, formulations, engineering applications.
The College of Human Sciences, which began in 1905, is the flagship program in human sciences in Florida and has as its mission to address global challenges and opportunities related to the physical, behavioral, and economic factors influencing the health and development of individuals, families, and communities. The College, which through its mission focuses on some of the most urgent issues in society, includes bachelor’s, master’s, and doctoral programs in three academic departments: family and child sciences; nutrition, food, and exercise sciences; and textiles and consumer sciences.

The baccalaureate degree programs are sufficiently broad to provide graduates with choices upon entering the job market. The reputation of the programs through the years means that graduates are regularly sought for professional positions in corporations, human services, public schools, hospitals, and other health agencies, among others.

Although the programs within the College are diverse, students graduate with an integrative approach in addressing societal concerns; critical thinking skills regarding issues affecting individuals, families, and communities; and fundamental competencies necessary to carry out professional roles. In addition, select programs require faculty supervised internships, which provide students with the experience of applying theoretical and research knowledge.

The various student organizations in the College provide opportunities to extend interaction with faculty and professional leaders through a variety of activities, including field trips, service projects, and seminars. Many students increase their leadership and communication skills through involvement in these organizations.

The College is fully accredited by the American Association of Family and Consumer Sciences (AAFCS). 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, and a Certification in Family Life Education approved by the National Council on Family Relations.

The College has an Eminent Scholar in Family and Child Sciences. The Family Institute, which is housed in the College of Human Sciences, includes the Center for Family Services; the Center for Marriage and Family Therapy; and the Inter-University Center for Child, Family, and Community Studies.

Facilities

Special laboratories that enhance and enrich the student’s education include: the historic clothing and textile laboratory, which houses the Carter Collection of Peruvian Textiles and the most extensive collection of accessories and children’s and women’s wear in the Southeast; the computer-aided design laboratory; the Macy’s Merchandising Laboratory; chemical, analytical, clinical, and microbiological laboratories for food and nutrition science majors; off-campus child development observation laboratories; the exercise physiology laboratory for monitoring the effect of exercise on metabolism, functionality, autonomic control, and aerobic performance; the textile evaluation laboratory; and a state-of-the-art multimedia laboratory.

Opportunities

Undergraduate students may participate in Honors in the Major (see the “University Honors Office and Honor Societies” chapter of this General Bulletin) and may pursue a double major consisting of a combination of two degree programs. Practica are required in child development and athletic training. Internships are an integral part of the degree program in merchandising. 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 with majors in:
- Dietetics
- Food and Nutrition Science

Athletic Training

Exercise Science

Department of Textiles and Consumer Sciences

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

Note: The Department of Textiles and Consumer Sciences (TCS) is integrating its three existing undergraduate majors, Merchandising, Apparel Design and Technology, and Textiles, into a single new major called Retail Merchandising and Product Development. This exciting new major is a response to the changes taking place in retail and retail-related industries and will result in highly industry-savvy and marketable graduates. Details of the new curriculum, which will be in place as of fall 2009, can be found at http://www.chs.fsu.edu/tcs.

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 and a passing score on the CLAST exam. In addition, students who are not subject to mapping must satisfy the following departmental prerequisites:
- For the Department of Family and Child Sciences, at least a “B-” in FAD 2230, 3220, 3271, and CHD 2220 with only one repeat of each course allowed
- For the Department of Nutrition, Food and Exercise Sciences, at least a “B-” in HUN 1201 and at least a “C+” in PET 3322
• For the Department of Textiles and Consumer Sciences, specified courses for the majors of apparel design and technology, merchandising, and textiles must be completed with at least a grade of “C–” or higher (see department listing). For merchandising majors, ACG 2021 must also be completed with at least a “C–” or better.

Academic Performance and Retention
The College of Human Sciences reserves the right to discontinue enrollment of any student in the major at any time if satisfactory academic progress is not being made. In addition to satisfying 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; students majoring in general human sciences must have a minimum overall GPA of 2.5 in major courses and the College core courses to graduate.

• For the Department of Nutrition, Food and Exercise Sciences, students majoring in dietetics, food and nutrition science, athletic training, or exercise science must achieve a “C–” or better in all other required courses and have FSU overall GPA of 2.5 or better to graduate.

• For the Department of Textiles and Consumer Sciences, students majoring in apparel design and technology, merchandising, or textiles must achieve a “C–” or better in all other required courses and have an FSU overall GPA of 2.5 or better to take senior level courses, to intern, and to graduate. Additionally, merchandising students must have an overall FSU GPA of 2.5 or higher to apply for an internship and an overall FSU GPA of 2.75 to be placed in an internship.
College of Law

Dean: Donald J. Weidner; Associate Deans: Nancy L. Benavides, Donna R. Christie, Jim Rossi, Wayne Logan; Assistant Deans: Rosanna Catalano, Janea Daniels, Ryan Little; Director of the Research Center: Faye Jones

The College of Law’s academic reputation firmly places it in the ranks of the nation’s top-tier law schools. The College encourages close working relationships between students and faculty — relationships that are characteristic of the best liberal arts colleges. Expert faculty members are accessible to students inside as well as outside the traditional classroom setting.

Prelegal Education

The College’s liberal arts orientation helps foster a strong sense of community in its students. This sentiment translates into student pride in the College of Law as an institution and a mutually held pride in one another. The liberal arts orientation also places great value on the insights of other disciplines that can be brought to bear upon the study of law. It is important to the faculty to integrate insights from such diverse disciplines as history, philosophy, psychology, sociology, economics, and finance.

Florida State University’s vast wealth of law-related employment opportunities. Located in Tallahassee, a city with more than 450 law firms and numerous government agencies, the College of Law is just steps away from the state capitol, the Florida Supreme Court, the First District Court of Appeal, and the United States District Court for the Northern District of Florida.

The College of Law receives more than 414 applications for every seat in its entering class. The College values students from a wide variety of backgrounds. Currently, the talented and diverse student body represents 36 states, 10 countries, and 172 colleges and universities. Florida State University’s College of Law has been repeatedly recognized by Hispanic Business magazine as one of the nation’s “Top Ten Law Schools for Hispanics.”

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 saffairs@law.fsu.edu.

The College of Law also offers an honors program to FSU undergraduates. Each year, a number of honors program undergraduate students is 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 FSU College of Law provided that they complete and submit an FSU law school application; have an LSAT score of 161 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 visitations may be arranged through the Admissions Office. For more information please call (850) 644-3787 or email admissions@law.fsu.edu.

Curriculum

The College of Law offers a rich and diverse three-year curriculum for the Juris Doctor degree. It begins with traditional courses and expands to include the latest in theoretical and interdisciplinary analyses. The first-year curriculum is rigorous, traditional, and prescribed. It provides a foundation in history, doctrine, process, and analysis. The second- and third-year curriculum is deliberately structured to provide students with the opportunity to obtain a broad, interdisciplinary exposure to various areas of law.

The College of Law has five co-curricular academic organizations, including three student-edited journals and trial and appellate advocacy teams. The journals include the Florida State University Law Review, the Journal of Land Use & Environmental Law and the Journal of Transnational Law & Policy. The College of Law’s advocacy teams are competitive regionally and nationally.

Requirements for Admission

To be considered for admissions the following August, applicants are encouraged to submit their applications as early as possible, and no later than April 1st to be considered. The College of Law enrolls only one class in the fall of each year. Factors considered by the admissions committee include numerical credentials (LSAT and GPA), exceptional personal talents, interesting or demanding work or service experience, leadership potential, rigorousness of the undergraduate course of study, maturity, a history of overcoming economic or other social hardships, ability to communicate effectively, and other factors. Decisions on applicant files are made as early as November.

Admission to the College of Law is a competitive process. For more information about the admissions process, please call (850) 644-3787 or visit the Web site http://www.law.fsu.edu/prospective_students/index.html. All registrants are required to have a baccalaureate degree from a regionally accredited college or university prior to commencing law study. Every prospective law student must take the Law School Admissions Test (LSAT) given by the Law School Admissions Services. For more information about the LSAT, please visit the Web site http://www.lsac.org. Registration with the Law School Data Assembly Service is also required.

Special Programs

The College of Law has especially strong programs in three areas: environmental law, international law, and business, with certificate programs in environmental law and in international law. The law school’s programs in environmental law and tax law are recognized as some of the best in the country. The law school has one of the strongest criminal law programs in the region. For more information on these programs, please visit http://www.law.fsu.edu/academic_programs/index.html.

The College of Law offers seven joint-degree programs in cooperation with other colleges, schools, and departments at Florida State. The joint degrees bring together law with business, economics, information studies, international affairs, public administration, social work, and urban and regional planning.

The law school also offers an LLM program for foreign lawyers, which provides foreign graduate students trained in law with the opportunity to develop an understanding of the American legal system and the role of law in the United States.

The College of Law has one of the most extensive externship programs in the United States. The clinical externship program places students in more than 80 offices throughout Florida and elsewhere. Students may even select international externships with the International Bar Association in London, the International Tribunal for the former Yugoslavia, and the Special Court in Sierra Leone.

The law school’s Public Interest Law Center provides on-campus clinical legal training for second- and third-year students. Students are certified by the Florida Supreme Court to practice law as interns and, under the supervision of licensed attorneys, are responsible for all facets of cases to which they are assigned.

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 more information write to: Director, The Florida State University Summer Program in Law at Oxford, Tallahassee, FL 32306-1606; call (850) 644-4578; or visit http://www.law.fsu.edu/academic_programs/international_law/oxford/.
Dean: John Fogarty; Senior Associate Dean for Academic Affairs: Alma Littles; Associate Dean for Health Affairs: Robert Brooks; Interim Associate Dean for Student Affairs, Admission, and Outreach: Elena Reyes; Assistant Dean for Admissions: Graham Patrick; Associate Dean for Medical Education: Sebastian Alston; Associate Dean for Curriculum Development and Evaluation: Lynn Romrell; Associate Dean for Research and Graduate Programs: Myra Hurt; Assistant Deans for the Regional Medical School Campuses: Michael Muszynski, Orlando; Paul McLeod, Pensacola; Bruce Berg, Sarasota; Mel Hartfield, Tallahassee; Lucky Dunn, Daytona Beach; Randy Bertolette, Ft. Pierce; Director of the Clinical Learning Center: Debra Danforth; Director of the Medical Library: Barbara Shearer; Executive Director of Outreach and Advising: Thesla Berne-Anderson; Assistant Dean for Faculty Development: Dennis Baker; Assistant Dean for Diversity and Outreach: Eugene Trowers.

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.

Premedical 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 solely, 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 students should not major in science simply because they believe this will increase their chances for acceptance.

The AACMC 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 or contact the College of Medicine Pre-health Professions Advising Office, 1115 West Call Street, (850) 644-7678; or e-mail the school at medinformation@med.fsu.edu.

Degree Programs

Doctor of Medicine

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 fellowships), which is necessary for eventual licensure. Training in residency programs may take from three to nine additional years after completion of medical school.

To be considered for graduation from the FSU College of Medicine, a student must be judged by the Student Evaluation and Promotion Committee to be in good standing, must successfully complete all required courses and clerkships, must have a grade point average of 2.5 or greater, must successfully complete the end-of-third-year OSCE (Observed Structural Clinic Examination), must complete all required surveys and evaluations, and must have a passing score on the United Stated Medical Licensing Examination (USMLE) Steps 1, 2CK, and 2CS. Further information may be found in the Graduation Bulletin and in the College of Medicine Student Handbook at http://www.med.fsu.edu/pdf/StudentHandbook.pdf.

Honors Medical Scholars Program

The FSU College of Medicine, along with the FSU Honors Office, has established a BS/MD 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 Medical Scholars Program, which includes a seminar, 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-medical requirements, making it possible to graduate with Bachelor of Science and Doctor of Medicine degrees in seven years. Applications and program details are available from the FSU Honors Office at (850)644-1841.

Doctor of Philosophy 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 all encourage graduate students to mature into 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://www.med.fsu.edu/biomed/phd/default.asp. For additional information or inquiries please contact us by calling (850) 645-6420.

Admission Requirements

Admission to the MD Program

All inquiries regarding admission should be sent to College of Medicine, Florida State University, Tallahassee, FL 32306-4300; or email at medadmis sions@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 US 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 PhD in Biomedical Sciences Program**

To apply for the PhD in Biomedical Sciences Program, students should contact the College of Medicine’s Office of Research and Graduate Programs at (850) 645-6420 or check the program’s Web site (http://www.med.fsu.edu/biomed.phd/default.asp). 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); and (3) have a minimum combined verbal and quantitative score of 1000 or above on the Graduate Records Examination (GRE). A GRE Subject test is strongly recommended and may include biochemistry and cell biology, general biology, chemistry, or physics. Applicants whose native language is not English and who have not received a degree from an English language institution are required to take the Test of English as a Foreign Language (TOEFL), receiving a minimum score of 600 for the paper test or 233 for the computer based test (CBT). Special admission consideration may be requested based on disability.

Applicants may send the required material to the University Admission Office at 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 course work, dental schools, test preparation, and the application process. Guest professionals from the local dental community in Tallahassee are invited to speak at meetings. Membership is available through the Pre-Health Professions Advising Office.

The **Pre-Veterinary Society** is an organization that provides an environment where students can expand their interests in veterinary medicine. Members build a strong support group to share information about course work, the application process, and volunteer opportunities in the Tallahassee area. A focus is on assisting the community with animal-related issues. Membership information is available through the Pre-Health Professions Advising Office.

The **Pre-Physician Assistant Club** is an organization for students interested in a career as a physician assistant. Monthly meetings are held at the College of Medicine. The meetings include guest speakers from the community as well as presentations from physician assistant programs.

The **Pre-Pharmacy Informational Leadership and Learning Society (PILLS)** is a student organization for those interested in pursuing a career in pharmacy.
The College of Motion Picture, Television, and Recording Arts (the Film School) was established in 1989. In the short time the Film School has been in operation, it has quickly become recognized nationwide as an outstanding film program that offers both bachelor of fine arts and master of fine arts degrees. Both programs provide film equipment and studio facilities for production and post-production. The two programs are served by a completely equipped production center. The Film School funds virtually all student film and video workshops and productions, including the graduate and undergraduate thesis film productions.

The expertise of the Film School’s faculty reflects the direction and range the College will take in the future. Frank Patterson, Dean of the College of Motion Picture, Television, and Recording Arts, has more than 20 years experience in the film and television industry as a writer, director, producer, editor, and consultant. He is joined by 17 faculty members, all of whom are specialists in the areas of producing, writing, directing, cinematography, visual effects, editing, sound, and production design, as well as film history, theory, and aesthetics.

Faculty Distinctions

The Film School has a strong commitment to hiring experienced working professionals who have both teaching skills and professional goals. The Film School’s full-time faculty comprises working filmmakers with various specializations as writers, directors, production designers, and editors in both the theatrical and non-theatrical film and television industries, many of whom have won national and international awards and honors for their work. Some also have strong records as research scholars and fiction writers. The faculty also includes visiting professors in the fields of motion picture law, business distribution, exhibition, and promotion.

Facilities

The Film School operates extensive production facilities for its undergraduate and graduate programs in the University Center 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 35mm archive of feature films; a collection of over 5000 film titles on videotape, DVD, and laserdisc; a large production research library; and digital editing suites for picture and sound. Facilities are available for both 16mm and 35mm production.

Undergraduate Degree Program

The program of study leading to a Bachelor of Fine Arts degree is designed to lead students through the complete process of creating short films, while incorporating a well-rounded liberal arts education that includes writing courses. Major courses include producing, directing, cinematography, screenwriting, sound, editing, production management, film history, film theory, and film aesthetics. It is a limited access major; therefore, admission is highly selective and competitive. Students may be accepted into the program at the freshman level or transfer in once seventy-five percent (75%), or twenty-seven semester hours, of the liberal studies requirements have been completed.

The world-class facilities of the Film School aid in meeting the goals of the undergraduate program—to educate students in film and to help them become integral members of the academic community of Florida State University. Graduates are trained to be members of the entertainment profession and participants in a creative and professional enterprise.

Graduate Degree Program

The program leading to a Master of Fine Arts degree has set the following goals: to provide the creative and technical environment for professional work in the film and television industry; to ground students in the history of each medium’s theory and practice; and to prepare students for careers as artists and craftspersons in the professional film and video production industries. Students work in production teams on narrative fiction films with each film being written, storyboarded, produced, directed, production designed, shot, recorded, and edited by graduate students. In addition, students are educated about the financial, legal, distribution, and exhibition aspects of the film business. The graduate program is designed and scheduled as a conservatory. It is meant to create a production setting in which individuals can work with accomplished professionals to hone their talents, develop a body of work, and sharpen their capacities to work in teams. Please consult the Graduate Bulletin for additional information regarding the MFA program.

Admission to the Graduate Program

Admission to the College of Motion Picture, Television, and Recording Arts graduate program is of limited access, with 24 production and 6 writing students admitted each year. Prospective students must make application to and meet the requirements of Florida State University’s Graduate Admissions Office and submit supplemental application materials required for consideration of admission to the graduate program at the Film School. Supplemental materials must be submitted electronically as a component of the Florida State University Graduate Application for Admission. The required supplemental materials include: a 500–1000 word statement of purpose describing the applicant’s artistic work, creative influences, personal objectives, relevant background, and career goals, as well as three letters of recommendation, and a professional and creative résumé. As an option, production applicants may submit a sample of their best work (video, writing sample, etc.). Writing applicants must submit samples as specified on the supplemental information sheet. Detailed information 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 Film School requires that majors present proof of health and accident insurance (name of insurer and policy number) prior to registration in the Fall semester of each year. Students are expected to maintain this insurance throughout their enrollment in the Film School. Registration will be administratively canceled at the end of the second week of classes for any students failing to provide proof of insurance.
The College of Music is a vital, integral component of the Florida State University community. It serves as a center of excellence for the cultural development of the community, state, region, and nation, and offers a comprehensive program of instruction for all students who expect to become professional musicians: performers, composers, scholars, educators, administrators, and therapists. For the general University student, it offers a wide spectrum of opportunities for disciplined personal growth and creative achievement. Further, the College maintains the highest quality faculty, students, curriculum, and facilities.

Numerous concerts and recitals are offered by the College of Music throughout the school year. Performing organizations include the Baroque Ensemble, Brass Ensembles, Chamber Choir, Chamber Orchestra, Chamber Winds, Choral Union, Collegians (Men’s Glee Club), Concert Bands, Duo Piano, Early Music Ensembles, Jazz Ensembles, Jazz/Pop Vocal Ensembles, Marching Chiefs, Music Theatre Ensemble, New Music Ensemble, Opera Chorus, Opera Orchestra, Percussion Ensembles, String Ensembles, Symphonic Band, University Chorale, University Philharmonia, University Singers, University Symphony, Wind Orchestra, Woodwind Ensembles, Women’s Glee Club, and World Music Ensembles. In addition, there are numerous student and faculty chamber-music groups. The College of Music sponsors many faculty solo recitals, as well as a faculty chamber music series. Of particular interest to the music student are certificate and degree recitals and programs sponsored by music honoraries. An artists’ list and monthly calendar of College of Music programs and other cultural activities on campus are available on the College of Music Web site at http://music.fsu.edu/.

The following honorary societies and professional fraternities are sponsored by the College of Music: the Phi Chapter of Pi Kappa Lambda; the Epsilon Iota Chapter of Phi Mu Alpha Sinfonia; the Beta Alpha Chapter of Sigma Alpha Iota; the Gamma Nu Chapter of Kappa Kappa Psi; the Alpha Omega Chapter of Tau Beta Sigma; the Alpha Chapter of Alpha Mu; the Beta Chi Chapter of Mu Phi Epsilon; the Florida State University Music Theory Society; the Florida State University Society for Musicology; and collegiate chapters of the Music Educators National Conference, the American Choral Directors Association, and the American Guild of Organists.

The College of Music has been a fully accredited member of the National Association of Schools of Music since 1930, and its degree requirements are in accordance with the latest published regulations of that association. Following are the undergraduate degrees offered by the College of Music:

**Bachelor of Music—Performance:**
- Piano
- Organ
- Voice
- Strings (violin, viola, cello, double bass)
- Woodwinds
- Brass
- Percussion
- Harp
- Guitar (classical)

**Bachelor of Music—Music Theatre**

**Bachelor of Music—Composition**

**Bachelor of Music—Music Theory**

**Bachelor of Music—Music Therapy**

**Bachelor of Music Education**
- Choral
- Instrumental
- General

**Bachelor of Arts in Music**

In addition to the Bachelor of Music and Bachelor of Music Education degrees, the Bachelor of Arts degree in music is offered through the College of Music. The Bachelor of Arts degree in music allows students the opportunity to tailor their degree programs to their specifications by combining other areas of interest with music studies, such as commercial music, sacred music, and jazz.

The College of Music provides a music minor for the divisions of the University that require a minor course of study. Admission to the minor program requires the following: (1) approval of the major department; (2) approval of the College of Music; and (3) an approved placement audition level on an acceptable instrument or voice. Detailed information can be obtained from the College of Music’s undergraduate studies office.

The following are the graduate degrees offered by the College of Music:

**Master of Music**
- Performance
- Accompanying
- Piano Pedagogy
- Choral Conducting
- Instrumental Conducting
- Jazz Studies
- Music Theory
- Composition
- Musicology (both historical and ethnomusicology)
- Opera Production
- Music Therapy

**Master of Music Education**

**Master of Arts in Arts Administration**

**Doctor of Philosophy in Music Education**

**Doctor of Philosophy in Music** (specializations in historical musicology, ethnomusicology, or music theory)

**Doctor of Education in Music Education**

**Doctor of Music in Composition**

**Doctor of Music in Performance**

The Doctor of Philosophy degree in humanities with an emphasis in music is available from the College of Arts and Sciences. Students seeking a Master of Music in Music Education may focus their studies on piano pedagogy. Consult the Graduate Bulletin for information on the graduate programs offered by the College of Music.

### Facilities

**Music Facilities**

The College of Music enjoys excellent teaching, research, and performance facilities. The two College of Music buildings are located on Copeland Street on the east side of the campus. The Kuersteiner Building, completed in 1948, is a four-story structure that is connected to the Wiley L. Housewright Music Building, which was completed spring 1979. The College of Music also occupies a number of offices in the Longmire Building. These buildings house the administrative offices; teaching studios; classrooms; band, orchestra, choral, opera, and ensemble rehearsal halls; music education and music therapy research laboratories; electronic music studios; ethnomusicology studios; early music studios; concert and recital halls; the Warren D. Allen Music Library; the Center for Music Research; and 130 practice rooms. All music facilities are air-conditioned and are structurally designed for maximum effectiveness.

**Concert Facilities**

The Opperman Music Hall is a 430-seat recital hall located in the Kuersteiner Building. The facility is used for faculty and student recitals, concerts, and lectures. The Ernst von Dohnanyi Recital Hall, located in the Housewright Music Building, is a 218-seat facility used for recitals and lectures. The Lindsay Recital Hall, located in the Kuersteiner Building, is a 125-seat facility used for recitals and lectures. The Owen F. Sellers Music Amphitheatre is used for outdoor performances in the fall and spring. Ruby Diamond Auditorium (under renovation for the 2009 and 2010 academic years) is a 1,575-seat facility used for opera and major concert productions.

**Music Library**

The Warren D. Allen Library is conveniently located in the Housewright Building, where it serves the students and faculty of the College of Music as well as many users from other areas of the University. One of the major music libraries of the southeastern United States, the music library provides a pleas-
ant 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 Productions

Built in 1977–78, the Opera Scene Shop provides 6,000 square feet of construction space with some storage area. The building features a drafting office, elevated grid area for constructing wagens and assembling scenic flats or drops, complete hand and table tools, and a wooden “stage” area for painting drops. An opera production is built there each semester, as well as sets for opera scenes and opera majors’ productions. The Opera Scene Shop is located in the Kuersteiner Building. Costumes are constructed or alterations are made on rental costumes each semester. In addition, costumes are constructed for various opera workshop scene programs.

Organs

A 1975, 34-stop Holtkamp tracker (mechanical action) organ in Opperman Music Hall is used for recitals, concerts, and lessons. Practice organs include a 1976, 3-stop Holtkamp tracker; a 1973, 6-stop Wicks; a 1967, 4-stop Holtkamp; and a 1976, 4-stop portable continuo/chamber organ, also with mechanical action, by Holtkamp. A restored English chamber organ built by Hill and Davison in 1837–38 is available to organ students for practice and performance.

Opportunities

Honors Program

The College of Music offers honors work in several degree programs to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Certificate Programs

In addition to the degree programs, the College of Music offers certificate programs that provide additional specialized areas of emphasis. The certificate programs offered include:

- Arts Administration, Certificate in, Graduate
- College Teaching, Certificate in, Graduate
- Early Music, Certificate in, Undergraduate
- Jazz Studies, Certificate in, Undergraduate
- Music Education and Leadership, Certificate in, Graduate
- Music of the Americas, Certificate in, Graduate
- Music Therapy Equivalency, Undergraduate/Graduate
- Pedagogy of Music Theory, Certificate in, the Graduate
- Performance, Certificate in, Undergraduate
- Piano Pedagogy, Certificate in, Undergraduate
- Sacred Music (instrumental or vocal emphasis), Certificate in, Undergraduate
- Special Music Education, Certificate in, Undergraduate
- World Music, Certificate in, Graduate

Additional information regarding the certificate programs may be obtained from the College of Music’s undergraduate or graduate studies offices.

Special Event

The College of Music provides students an opportunity to participate in many special events and experiences each year. Students interested in receiving additional information should contact the College of Music’s publicity office or the College’s undergraduate/graduate studies offices. A partial listing includes the following:

- The Festival of New Music. This biennial festival features recent works by composers from throughout North America.
- Housewright Scholar Residencies. The College of Music enjoys the residencies of visiting scholars each year through the Lucilla and Wiley Housewright Eminent Scholar Chair in Music.
- Sheffler Scholar Residency. The College of Music enjoys a continuing residency of a Professor of Voice through the Lucille P. and Elbert B. Sheffler, 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 Dohnányi 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. Admissions to the College of Music are determined by results of the audition, which 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 exami-
nation by a two-thirds positive majority (unless otherwise specified by the area
or degree) is eligible to present the required recital.

Student Recital. All undergraduate music majors must enroll and receive
a satisfactory grade (“S”) in student recital attendance (MUS 1010r) for a
total of six semesters during the undergraduate degree program. Attendance
requirements for transfer students who were music majors at the institution
from which the transfer is made will be determined by the College of Music in
accordance with the number of semester hours completed.

Chamber Music. All woodwind and brass first-year and first-year transfer
students must register for MUN 2460 Chamber Music during the first Spring
and second Fall terms. String first-year and first-year transfer students must register
during the first two Fall terms. Other transfers in these areas must regis-
ter for MUN 2460/4463 during their first Fall term at the University.

Curricular Regulations

Auditions. Placement auditions for all undergraduate majors and music mi-
 nors 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 undergrad-
uate 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. College Level Academic Skills Test (CLAST) must be successfully
   completed by sophomores prior to achievement of junior academic
   status
4. Courses in liberal studies used to fulfill State Board of Education Rule
   6A-10.030 must each be completed with a grade of “C-” or higher
5. A minimum of sixty semester hours must be completed at a senior
   institution
6. A minimum of forty semester hours of upper division must be completed
   (3000 and 4000 level courses)
7. The final thirty semester hours must be completed at Florida State
   University; and
8. A minimum of one hundred twenty semester hours is required for
   graduation.

Each student is strongly urged to be knowledgeable of curricular require-
ments 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 per-
sonal 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 re-
quired to register for extra courses. Three competencies are worthy of special
mention: improvisation, conducting, and technology.

Students normally meet the improvisation requirement through the comple-
tion of the MVK 2121 Class Piano sequence, where improvisation is an inte-
gral 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/
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, harpsichord, or an orchestral or band instrument. Candidates for the Bachelor of Music Education degree with an emphasis in music for the general student must choose as a principal instrument voice, piano, harp, guitar, organ, harpsichord, or a band or orchestral instrument. All music education majors must complete applied music requirements as specified in the respective curricula. All music education majors are required to meet the minimum requirements in class piano and class guitar prior to internship.

Florida has placed the following requirements on entry to a teacher certification program:

1. Grades of “C-” or better in all freshman English and basic mathematics courses; and
2. Additional requirements as stipulated by each department.

**Admission to the Music Education Professional Sequence.** The music education professional sequence comprises the following upper-division courses in the music education curriculum: MUE 3311, 3334, 3433, 3444, 3491, 3492, 3493, 3494, 3495r, 3496r, 4342, 4392, 4411, 4433, 4480, 4481, 4940, MUS 4970r.

Students pursuing the bachelor of music education degree in general, choral, or instrumental music may apply to the Internship Committee for admission to the professional sequence upon completion of the equivalent of forty-five (45) semester hours at Florida State University or transfer of forty-five (45) semester hours from an accredited community college or senior institution. Students may not enroll in courses listed in the professional sequence prior to formal admittance by the internship committee.

Qualification for admission to the professional sequence is based upon the following minimum criteria:

1. Cumulative GPA of 2.5
2. Cumulative music GPA of 3.0
3. Successful completion of MUE 2040
4. Successful completion of the FTCE
5. Completion of liberal studies requirements in English and mathematics with minimum grade of “C-”
6. Successful completion of sophomore level applied jury;
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 course work during the first term of residence. Students assigned provisional status must complete all requirements and achieve a minimum overall GPA of 2.8 at the conclusion of the first term.

Students may be required to appear before the Internship Committee for an interview. The committee will approve or reject the petition on the basis of the criteria stated above as well as other factors that relate to teaching competency. Applicants denied admission may appeal during the subsequent semester. Those who reapply must appear in person, document the removal of deficiencies that previously prevented admission, and present any other pertinent information to support reconsideration of the application.

Students applying for teacher certification in the state of Florida upon completion of the degree program should request that the certificate be assigned under the status of music education K–12.

**Bachelor of Music Education—Instrumental.** Total of one hundred thirty-four semester hours: twelve semester hours and jury competency in applied music; thirty-two semester hours of theory; thirty-one semester hours of liberal studies.

**Bachelor of Music Education—Choral.** Total of one hundred thirty-four semester hours: twelve semester hours and jury competency in applied music; thirty-two semester hours of theory; thirty-one 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 semester hours of liberal studies. At least sixty-six semester hours must be earned in non-music course work.

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.
COLLEGE OF NURSING

Dean: Lisa Ann Plowfield

The College of Nursing has been educating men and women for the practice of professional nursing since 1950. The College offers the Bachelor of Science in Nursing (BSN) and a Master of Science in Nursing (MSN). For further information on the Master’s program, see the Graduate Bulletin.

The undergraduate 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 College of Nursing offers an online program for registered nurses seeking a Baccalaureate degree (RN to BSN). The program is designed to capitalize on prior learning and experience of the registered nurse. The goal of the program is to provide registered nurses with the opportunity to attain further nursing education. Upon meeting admission requirements and fulfilling the prerequisite courses, the registered nurse may complete the RN to BSN program in approximately four to seven semesters of consecutive part-time study. The course work will include content that is unique to baccalaureate education.

The RN to BSN program consists of thirty-one semester hours of core and elective nursing courses to include twenty-five core hours and six or more elective hours. Upon successful completion of NUR 3805, 3286, 3167, 4107, 4069C, 4080 and 4080L, the RN to BSN student will be eligible to receive up to thirty-one additional semester hours of departmental credit. Graduates with a baccalaureate degree in nursing are prepared to provide quality nursing care to individuals, families, and groups in health care agencies in both urban and rural areas. These include hospitals, health departments, nursing homes, and other community health agencies. These graduates have the potential for assuming leadership roles in a variety of health care agencies and for pursuing advanced degrees in nursing.

The program objectives of Florida State University’s College of Nursing undergraduate program are to educate students who will be 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 RN to BSN program is an upper-division major with required prerequisites and a sequential ordering of courses that can be completed on a part-time basis in four to seven consecutive semesters.

Facilities

A variety of clinical laboratory settings are utilized for meaningful learning experiences. Tallahassee Memorial HealthCare, Florida State Hospital, Elder Care Services, Apalachee Community Mental Health Center, Leon County Public Health Unit, Capital Regional Medical Center, Leon County Schools, Tallahassee Pediatric Foundation, Children’s Medical Services and other agencies in Leon and surrounding counties are used for the clinical component of the program. In addition, Wolfson Children’s Hospital in Jacksonville, Florida is used for pediatric clinicals and Florida Hospital in Orlando for some critical care experiences. Internship clinical sites are available in partnership with acute care facilities in Florida and South Georgia. All experiences are under the direction of the faculty of Florida State University’s College of Nursing.

The online RN to BSN program courses are Web-based. Clinical requirements are satisfied by working with a professional nurse (preceptor) at a Florida healthcare or community facility convenient to the student with approval by course faculty.

Opportunities

The College of Nursing offers honors 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 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 principles courses (such as CHM 1025). Contact the department for exceptions;
4. DEP X004 or any human growth and development across life span;
5. HUN X201 (or any human nutrition) or NUR X192;
6. MCB X010C or any microbiology with lab;
7. PSY X012 or any general psychology;
8. STA X014 or any statistics course;
9. SYG X000 or any introduction to sociology.

Traditional 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 and is usually filed during the sophomore year. The HESI A2 (Admission) test is required as part of the admission process. The College of Nursing reserves the right to interview applicants at its discretion. Application deadline for Fall is February 1st.
In order for an application to be considered complete, the student must:
1. Complete sixty (60) unduplicated credit hours (completion of FSU's liberal studies requirements is highly suggested) or have an AA degree from a Florida institution of higher learning (or an equivalent out-of-state institution) with an overall cumulative GPA of at least 3.0, as well as a 3.0 or higher in all science prerequisites (see State of Florida Common Program Prerequisites above)
2. Complete the State of Florida Common Program Prerequisites (see above) with a “C” or better; and
3. Take the HESI A2 test prior to the application deadline and receive a score of 75 or higher.

The College of Nursing is a limited enrollment program, and admission is competitive based on previous academic performance and external testing. The Florida Board of Nursing and several state and/or private agencies require the disclosure of conviction records for misdemeanors and/or felonies; therefore, this information will be required at the time of admission. Legislation aimed at protecting the public has made it 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 board) allows students with criminal records to take the licensure 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 performance testing. Each student is required to successfully complete clinical performance testing in each semester of the program prior to the clinical experience. A student who fails to perform the testing correctly and safely is permitted to repeat testing. Inability to demonstrate skills successfully and safely by the second attempt affects student 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” (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 and specified amounts of malpractice/negligence insurance, personal health insurance, and annual tuberculin skin testing throughout enrollment in the College of Nursing. Additional requirements may be imposed by individual clinical facilities/agencies.

Candidates for the Bachelor of Science degree in the traditional 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 at the time of testing); and
4. Completion of an achievement exam at the benchmark level in the final senior semester.

**RN to BSN Program Requirements**

Students applying to the RN to BSN program must meet both the University and College of Nursing program entrance requirements before they will be considered for admission. A separate application to the College of Nursing is required for admission to the RN to BSN program. Criteria for admission to the RN to BSN program include:

**University Requirements**
- Meet all general transfer admission requirements for Florida State University
- Have a minimum of 60 semester hours of transferable credit (AA degree strongly recommended)
- Verify satisfactory completion of the Florida CLAST
- Verify satisfactory completion of the University’s Foreign Language Entrance requirement.

**College of Nursing Requirements**
- Have earned an overall cumulative GPA of 2.7 or higher
- Have earned an average science prerequisite GPA of 2.5 or higher
- Possess a current unencumbered Registered Nurse (RN) license from the state of Florida
- Have completed all of the required prerequisite courses with a grade of “C” or higher (see State of Florida Common Program Prerequisites above)

The application deadline for Fall admission is June 1st, for Spring is September 1st, and for Summer is February 1st. In addition to applying to the University and providing official transcripts, a separate RN to BSN Program Application to the College of Nursing is required.

While enrolled in any course in the RN to BSN program, students must have certain required documentation on file, which must be kept current to comply with College of Nursing policy, as well as the rules/regulations of participating clinical agencies. The student is responsible for ensuring that the required clinical documentation is current at all times while enrolled in the RN to BSN major. Students whose documentation is not complete or up to date are not permitted to enter a clinical agency or begin work with a preceptor until clearance is granted from the College of Nursing. Upon initial enrollment, all students must:
- Submit to an FDLE/FBI Level II Background Check;
- Submit to a Certified Background review, which includes:
  - County of Residence Criminal Records;
  - Residence History (last 7 years);
  - Social Security Verification;
  - Nationwide Healthcare Fraud and Abuse Scan;
  - Nationwide Sexual Offenders Registry Scan;
  - U.S. Patriot Act;
  - Employment Verification;
- Submit to a urine drug screen through Certified Background. (Additional screening may be required throughout the program);
- Provide a copy of a current, unencumbered Florida RN license;
- Provide proof of BLS for Healthcare Provider certification;
- Complete a Physical Examination and provide proof of specified immunizations;
- Provide proof of an annual tuberculin skin testing;
- Provide proof of Professional Liability Insurance coverage ($1,000,000/$3,000,000) as an RN; and,
- Provide proof of personal health insurance coverage.
If the background check reveals violations resulting in a student being denied admission to a clinical agency and/or access to patients in an agency, and if a comparable assignment cannot be made to meet course objectives, the student will be unable to progress and complete the program.

Students will be required to submit a notarized Affidavit of Good Moral Character on an annual basis following the initial semester of enrollment to certify that no offenses have been committed since the initial background check was completed. All documentation must be kept current at all times while enrolled in any course in the program. Additional background checks may be required during the program based on clinical agency requirements.

Students enrolled in the nursing major are expected to exhibit behavior that conforms to the Nurse Practice Act of the State of Florida. The College of Nursing reserves the right to refuse or discontinue enrollment of any student if the student violates the Nurse Practice Act of the State of Florida or in the judgment of the faculty the student does not meet the College’s standards.

Students enrolled in the RN to BSN program must achieve a grade of “C” (2.0 on a 4.0 scale) or higher in all theory and clinical coursework. A student who is passing a nursing course but has not completed all the required work for the course at the end of the term may, with permission of the instructor, be assigned a grade of “I”, or incomplete. Students may not carry an incomplete grade in a prerequisite course through the next term. If the incomplete grade is not removed by the end of the drop/add period at the beginning of the next term, the student will be dropped from the requisite course(s).

Candidates for the Bachelor of Science in Nursing (RN to BSN program) must comply with University regulations governing baccalaureate degrees and must successfully complete all University undergraduate degree requirements, all program prerequisites, and all required nursing courses.
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 College’s location in the capital of the state of Florida. The College is provided by the faculty. Professional academic advisers and peer advisers work and to be ready for employment. Third, 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 joyful interaction with their instructors and fellow students. The Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy, the Reubin O’D. Askew School of Public Administration and Policy. The College regularly sends faculty and students to the University’s London Study Center, the Florence Study Center, and other international programs throughout the world. A semester in either the London or Florence center will usually fit into a student’s program of study without delaying graduation and is very appropriate to most of the College’s undergraduate programs. Other international activities include studies at the University of Costa Rica, the Republic of Panama, Japan, and the Netherlands. Students may take courses leading to the Interdisciplinary Social Science degree interactively through an agreement between Florida State University and 16 community colleges across Florida.

Requirements
Undergraduate majors enter the College either from the University’s Division of Undergraduate Studies or as junior-level transfers from other institutions or other colleges within the University. The economics program is a limited access program, and students wishing to major in economics should consult the “Department of Economics” entry in this General Bulletin for specific entry requirements. Students in good standing (i.e., with a GPA of 2.0 or better) and eligible for upper division may declare other non-limited access majors within the College. Most majors do have some required or recommended courses that are advisable to take in lower-division study. In addition, all majors will be subject to mapping beginning Fall 2007. For more information, please go to http://www.academic-guide.fsu.edu/. It is therefore useful for potential majors to consult the relevant program entry in this General Bulletin well before they become juniors or enter the College.
General Requirements

1. Compliance with general University regulations governing baccalaureate degrees.
2. For the bachelor of arts degree, completion of the special University-wide requirements for that degree.
3. Completion of a major and a minor, with the exception that interdisciplinary social science 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, 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.

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 PhD program in social work was approved by the Board of Regents in 1974 and accepted its first student in the fall of that year. In June 1973, as part of an overall University structural reorganization, the social work program became identified as the School of Social Work, and in the spring of 2005 became the College of Social Work. It is currently one of 29 schools in the United States that offers social work degrees at the baccalaureate, master’s, and doctoral levels and the first master’s program in the U.S. with a complete online curriculum.

As the profession of social work begins the 21st century, there is an ever-increasing awareness of the impact of the many social changes that have taken place in our contemporary world. The College of Social Work is dedicated to the preparation of tomorrow’s social workers. The College’s curriculum is continually updated, recognizing and responding to the changing demands made on the profession. The curriculum is rooted in the ecosystems perspective, which serves as an organizing framework for the entire program, thereby providing an effective basis for studying people and their environment. The combination of class and field work provides students with a rich educational experience and the opportunity for the integration of research, theory, and practice.

The College of Social Work is committed to the pursuit and delivery of excellence in social work education. Through teaching, research, and service, the College educates its graduates for productive careers as professional social workers in diverse arenas, contributes to the knowledge base guiding social welfare policy and practice decisions, and offers expertise and energy to local, state, and national concerns.

The College’s initiatives build on the traditional heritage of social work, and are guided by a commitment to community-based social services. Recognizing that communities function as political, social, and familial entities, the College’s efforts emphasize, but are not limited to, health care, mental health, and the special concerns of children, families, women, and the aged. In all of its capacities, the College recognizes and values mutuality among diverse community groups, and promotes models of service delivery empowering the poor and disadvantaged and ensuring the social services of all community members.

Degree Programs

Bachelor of Social Work (BSW)

BSW Program Director: Kim Maddox

The curriculum offered at the baccalaureate level is designed to enable students to provide services to individuals, families, groups, communities, and organizations in generalist social work practice.

Master of Social Work (MSW)

MSW Program Director: Pamela W. Graham

The curriculum at the MSW level is designed to provide quality preparation for high-quality advanced practitioners who will work with diverse client systems and problems. Students may choose an advanced curriculum in either clinical or social policy and administrative concentrations.

Doctor of Philosophy in Social Work (PhD)

PhD Program Director: James E. Hinterlong

The PhD program in social work is designed to advance the social work profession through the development of researchers/scholars and educators.

Overseas Study

Florida State University offers students the opportunity to study abroad and to gain valuable experience through international internships. For information concerning eligibility, fees, and other details of these programs, contact the College’s Director of International Programs. Social work majors are encouraged to consider these opportunities for study overseas.

Requirements

Requirements for a Major

Admission requirements to the undergraduate social work program include completion of liberal studies at Florida State University or completion of an Associate in Arts degree from a Florida public community college, a minimum of a 2.0 grade point average (GPA) on all college work attempted, and satisfaction of the CLAST requirement. 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: CGS 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, 4323, 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

Field education is a vital and integral part of the total curriculum. Through actual experience in the field, students are helped to link theory to practice. Qualified agency staff members serve as field instructors, and the field agencies selected by the College cover the broad spectrum of social work practice. Currently, the College is affiliated with more than 400 agencies across the state of Florida, in areas of the southeastern United States, and internationally.

Undergraduate field education, SOW 4510, is a twelve 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.

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 (IIHISR) 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, IIHISR was relocated to the College of Social Work at Florida State University, and in 2005 was subsequently renamed the Institute for Social Work Research to reflect this move.

Multidisciplinary Evaluation and Consulting Center
The Florida State University Regional Multidisciplinary Evaluation and Consulting Center is a full-service, University-based diagnostic and training center that has been in operation since 1983. Comprehensive diagnostic and consultative services are provided to eighteen school districts in the Panhandle region of north Florida. Referrals also are accepted from the research schools at Florida State University and Florida A&M University, as well as Children’s Medical Services and other state and community agencies. Multidisciplinary collaboration is an integral part of center services. The staff includes professionals from school, counseling, and clinical psychology, counseling education, and social work. Consultation with professionals from speech and audiology and pediatric medicine also is available.

Student Organization
The Association of Student Social Workers (ASSW) is an organization of and for social work students. It is open to undergraduates as well as graduates, and participation by all is welcomed. The association is a good vehicle for socialization into the profession and orientation to the College. It can be used as a channel for handling feedback to the school about the program and is an excellent way for students to get to know one another as well as to participate in a wide array of community service activities.

College of Social Work Scholarships
The following scholarships are offered to Social Work majors. If you would like information on how you can apply, please contact the development officer of the College of Social Work at (850) 644-9749 or e-mail mvtruson@mail.fsu.edu.

- Citrus Health Network Scholarship for Graduate Students. For full or part-time graduate students who are interested in working in the behavioral health care field (e.g., mental health and substance abuse), and would consider working in the Miami-Dade County area. Estimated award amount: $750-1500.
- Mark DeGraff & Lula Hamilton DeGraff Scholarship. For full-time senior undergraduate or full or part-time graduate students who are interested in working with or conducting research relating to youth. Estimated award amount: $1000-1500.
- Joanna F. Gorman Scholarship. For full-time upper-level undergraduate or graduate students (MSW or doctoral) who plan a career in the field of child welfare, maternal and child health, community mental health, or primary prevention in mental health or health. Estimated award amount: $2000-3000.
- Dianne F. Harrison Scholarship. This award is presented at our Spring Convocation for “Best Dissertation Prospectus.” Estimated award amount: $500
- Robert P. Hurtle Scholarship for Field Instruction. For social work majors who demonstrate a commitment to the field of aging or military social work. This stipend is offered each semester and is to be used while the student is completing a field practicum in one of these areas. Estimated award amount: $2500-4500.
- Margaret H. Jacks Scholarship in Aging. For full- or part-time MSW students who have completed at least one course on aging or demonstrated a commitment to the field of aging. Estimated award amount: $500-1000.
- Richard M. King Scholarship in Social Work & Business Administration. For full- or part-time graduate students who are interested in earning both an MSW and a Master of Business Administration. Estimated award amount: $2000-3000.
- Koalaska Undergraduate Scholarship. For full-time undergraduate students whose parents did not attend college. Financial need considered. Estimated award amount: $1500.
- Joyce Harper Laidlaw Scholarship in Child Welfare. For graduate students who demonstrate dedication and commitment to work in the area of child welfare and show financial need. Estimated award amount: $1500-2500.
- Coyle & Mable Moore Scholarship. For full-time social work students who show evidence of good character and citizenship, volunteer work, and financial need. Estimated award amount: $750-1500.
- Sarah Sealey Morrill Scholarship. For social work majors with interest in the field of community mental health. Estimated award amount: $200-500.
- MSW Class of 1975 March Graduates Scholarship. For two-year full-time MSW students interested in community-based practice, advocacy, or public policy, with evidence of commitment to social justice concerns. Estimated award amount: $250-500.
- Bernard Scher Undergraduate Scholarship. For undergraduate (60 credit hours completed at college level) social work majors enrolled in social work classes, with overall GPA of at least 3.5. Essay on “Social Work Values” required. Estimated award amount: $500-750.
- Guy & Delores Spearman Scholarship. For BSW or MSW students from Brevard County with overall GPA of 3.0 or greater. Estimated award amount: $1500-3000.
- Maurice M. & Patricia V. Vance Scholarship. For MSW or PhD students returning to school, after a hiatus of at least two years, to forward their professional careers in social work. Academic achievement, financial need, and dedication to the field are considered, with the greatest emphasis on dedication. Estimated award amount: $1000.
- Victoria E. Warner Scholarship. For Florida A & M University graduates currently enrolled in MSW program at FSU (full- or part-time). Estimated award amount: $1000-1500.

Program Opportunities
The College of Social Work offers other opportunities that afford students the ability to focus on specialized areas of interest. With guidance from advisors, students may create a program of study that meets their specific educational and career goals.

Child Welfare Practice Certificate Program
This certificate program offers both undergraduate and graduate students an opportunity to focus their curriculum on issues related to child welfare. Course work addresses the following: the prevention of neglect, abuse, exploitation, or delinquency of children; the protection of homeless, dependent, or maltreated children; the strengthening of families to maintain children in their own homes; the development of advocacy groups; and the analysis of social policies and mental health issues related to this population. Child welfare practitioners provide a continuum of services in both public and private settings.

Family Social Work Practice Certificate Program
This certificate program is designed for MSW clinical concentration students who wish to develop advanced competence in couple and family social work. Course work for this certificate focuses on advance practice skills for those students wishing to pursue careers in mental health settings.
Certificate in Aging Studies
The Florida State University Pepper Institute on Aging and Public Policy offers an opportunity for a concentrated education in aging studies. Students with an interest in aging and educational credentials that indicate their completion of a multi-disciplinary course of study in aging and old age take courses in social work and a variety of other disciplines. For further information, visit: http://www.pepperinstitute.org/Certificate/.

The Arts and Community Practice Certificate
The program is an interdisciplinary certificate designed for undergraduate and graduate students who wish to develop a focused concentration on the application of the arts to community development. This program is inclusive of groups and families and addresses all stages of human development. Particular attention will be given to prevention, enrichment, and response to social concerns.

Leadership in Executive and Administrative Development (LEAD) in Social Work Certificate
The mission of this leadership certificate is to educate students about leadership theories and practices and to provide students with leadership experience. Learning about leadership gives students the skills they need for middle and executive positions in social service situations. An in-depth curriculum emphasizes leadership, decision-making, client-centered management, team building, negotiating, budget and finance, and the successful management of grants to guide students to successful management of social service agencies.

Social Work in Disaster Recovery (SWDR) Certificate
One of the major challenges for disaster relief and crisis intervention professionals and volunteers is the development of methods for initial access and long-term services to vulnerable populations such as rural minority residents, migratory families, persons with disabilities, low-income families, the homeless, and the elderly. This certificate program educates degree-seeking graduate students and trains non-degree seeking professionals for culturally competent practice, advocacy, and long-term recovery case management with diverse populations in natural disaster relief efforts. This SWDR Certificate equips participants with the knowledge, awareness, and skills necessary to provide culturally sensitive disaster relief services. The in-depth curriculum emphasizes cultural awareness, evidence-based knowledge development, skills acquisition, and strategic planning with vulnerable populations in disaster relief and long term recovery efforts.

Joint Master of Social Work/Juris Doctor (MSW/JD) Program
This program is for students interested in combining a MSW with a degree in law. Persons graduating with this joint degree practice in areas such as family law, child advocacy, domestic violence, public policy, and public defense. Students must be admitted simultaneously and independently to both the University’s College of Social Work and the College of Law.

Joint Master of Social Work/Master of Public Administration (MSW/MPA) Program
The Florida State University’s Reubin O’D. Askew School of Public Administration and Policy and the College of Social Work offer a joint-degree program leading to the degree of Master of Social Work (MSW) and Master of Public Administration (MPA). This is one of the few joint-degree programs in these fields offered in the United States. The program prepares students for positions in public, private, and non-profit human service organizations by gaining knowledge in both social work and public administration.

Joint Master of Social Work/Master of Science (MSW/MS) in Criminology and Criminal Justice
This program is a collaboration between the College of Social Work and the College of Criminology and Criminal Justice. The joint degree is for graduate students in both programs who wish to expand their understanding of the connection between these two fields of study and gain expertise through work with forensic clients. Students must apply and be accepted to each graduate program independently.

Joint Master of Social Work/Master of Business Administration (MSW/MBA) Program
This curriculum is structured for graduate students enrolled in the social policy and administration (SPA) concentration in the Advanced Standing MSW program and for students pursuing an MBA. The mission of this joint degree is to join the strengths of both of these degree programs and to educate students about leadership theories and practices, providing students with leadership experience from both a business and social work perspective. Mastering these skills will give these students the required backgrounds for middle and executive positions in social service organizations.
Dean: Sally McRorie

The College of Visual Arts, Theatre and Dance was formed in 2005, with the combination of the former School of Visual Arts and Dance and the School of Theatre. The College has six academic units: the Departments of Art, Art History, Art Education, Interior Design, Dance, and the School of Theatre. These academic units offer an extensive program of instruction in all areas of the visual arts, theatre, and dance. In fact, every level of undergraduate and graduate degree that a university can offer in these areas is represented within the College, including the established terminal degree in each discipline. Accordingly, the College is unique in the state of Florida.

Enhancement of the fine and performing arts is one of Florida State University’s specific goals as presented in its mission statement. The comprehensive nature and consistent quality of the College may be credited in large part to the recognition and support of the arts evident in the University. The very idea of arts training within a university context is held to be fundamentally important to an individual’s education in today’s society. The College of Visual Arts, Theatre and Dance shares much in common with an independent arts school, but the differences are more important than the similarities. The University strives toward education of the whole person, and it has a great variety of cultural and curricular resources to reach this end. Therefore, our students have the opportunity to benefit from the entire University, a warm and friendly residential college and major graduate research institution. There is no substitute for this environment.

The College promotes the visual arts, theatre, and dance within this community. Its goal is to provide a broad-based liberal arts education for students, while at the same time training them to be dancers, actors, designers, artists, scholars, teachers, or other professionals in the field. It functions to enrich their lives and to provide them with the means of self-expression in an increasingly complex and impersonal technological society—a society ever more dependent upon visual language and information. The study and practice of the arts are therefore viewed as a necessary link in the educational system, both as a learning process and as a 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. Entrance is gained through portfolio review or audition.

Facilities

In addition to the lecture rooms, general classrooms, seminar rooms, and media-specific laboratories (e.g., printmaking, electronic imaging, ceramics, sculpture, photography, and the like), three specialized facilities merit particular mention. First, art students in designated degree programs are provided individual studios in two large “warehouses” at the edge of campus, making it possible for them to work in a healthy environment that promotes the cross-fertilization of ideas and constructive debate. Students at different stages of development learn from each other as well as from their professors, who regularly come to their studios for tutorials and critiques. Second, dance students train in 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.

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, largely through the efforts of the art history faculty. In every year that it has existed, at least one member of the College faculty has taught in Florence, and the College has significant representation among the students studying there. More recently, greater emphasis has been placed on the opportunities at the London Center. Students of theatre, art, dance, design, and art history flourish in the rich, humanistic environments of these magnificent cities and cultural centers. This can do usually without disrupting their sequence of courses and without loss of residency, since the Florence and London campuses are true extensions of the Tallahassee campus.

Museum Studies

The College of Visual Arts, Theatre and Dance is the academic home of Florida State University’s museum studies certificate program. Open to graduate students of all departments, the program offers theoretical, practical, and methodological training in museum management, curatorship, fundraising, collections management, education and interpretation, marketing, exhibition development, and other museum topics. The museum studies curriculum includes courses taught by full-time faculty and practicing museum professionals, internships, and special museum projects. Emphasis is placed on career guidance and finding a position in the museum profession. Students have opportunities for firsthand experience at the College’s Museum of Fine Arts, the Ringling Museum of Art, and other regional and national museums. Florida State University’s international programs offer museum internships at international institutions in cities such as London and Florence.

On the undergraduate level, students studying art history may obtain a concentration in museum studies.

The Florida State University Museum of Fine Arts

The Florida State University Museum of Fine Arts is first and foremost an extension of the teaching mission of the College. Large, modern, and spacious, it houses the permanent collection and several times a year hosts student and faculty shows. In addition, the school faculty and museum staff pride themselves on originating shows of national prominence, documented through professional catalogs distinguished for their scholarship. The Florida State University Museum of Fine Arts is a community resource of regional significance in the Southeast, and is fully accredited by the American Association of Museums.

The John and Mable Ringling Museum of Art

Florida State University has been charged by the State of Florida with administration of the Ringling Museum of Art in Sarasota, Florida. This incredible museum complex with its superb internationally renowned art collection, circus museum, and Ringling mansion, offers multiple opportunities for students in the arts, museum studies, and the humanities. Programs enhance undergraduate and graduate education in the College of Visual Arts, Theatre and Dance, as well as many other areas within Florida State University.
Accreditation

The College of Visual Arts, Theatre and Dance is fully accredited according to discipline as appropriate by the National Association of Schools of Art and Design, the National Association of Schools of Dance, the National College Association for Teacher Education, the Council for Interior Design Accreditation, and the National Association of Schools of Theatre.
Florida's Statewide Course Numbering System

Courses in this catalog 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 31 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 at the SCNS website 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 type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “statewide course profiles.”

Example of Course Identifier

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Digit (second digit)</th>
<th>Decade Digit (third digit)</th>
<th>Unit Digit (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Sociology, General</td>
<td>Freshman Level at this institution</td>
<td>Entry level General Sociology</td>
<td>Survey Course</td>
<td>Social Problems</td>
<td>No laboratory component in this course</td>
</tr>
</tbody>
</table>

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 34 different postsecondary institutions. Each institution uses “SYG 010” to identify its social problems course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, “SYG” means “Sociology, General,” the century digit “0” represents “Entry-level General Sociology,” the decade digit “1” represents “Survey Course,” and the unit digit “0” represents “Social Problems.”

In 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, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college. The same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to 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.

The Course Prefix

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.

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 institution. 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 non-public postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution:

A. Courses not offered by the receiving institution.
B. 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, Practica, Study Abroad, Thesis and Dissertations.
D. College preparatory and vocational preparatory courses.
E. Graduate courses.
F. Internships, 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 are not guaranteed as transferable.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32390-0400.

Special reports and technical information may be requested by calling the Statewide Course Numbering System office at (850) 245-0427, SunCom 205-0427 or via the Internet at http://scns.fldoe.org.
### How to Find a Course:

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

### Course Prefixes, Definitions, and Locations

<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>Physical Education</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 Disorders</td>
</tr>
<tr>
<td>ASN</td>
<td>Asian Studies</td>
<td>Asian Studies, Russian and East European Studies</td>
</tr>
<tr>
<td>AST</td>
<td>Astronomy</td>
<td>Physics</td>
</tr>
<tr>
<td>BCC</td>
<td>Basic Clinical Clerkship</td>
<td>Medicine</td>
</tr>
<tr>
<td>BCH</td>
<td>Biochemistry (Biophysics)</td>
<td>Biological Science, Chemistry and Biochemistry</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 and Real Estate and Program in Business Law</td>
</tr>
<tr>
<td>CAP</td>
<td>Computer Application Development</td>
<td>Computer Science</td>
</tr>
<tr>
<td>CBH</td>
<td>Comparative Psychology and Animal Behavior</td>
<td>Psychology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Definition</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCE</td>
<td>Civil Construction Engineering</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>CCJ</td>
<td>Criminology and Criminal Justice</td>
<td>Criminology and Criminal Justice</td>
</tr>
<tr>
<td>CDA</td>
<td>Computer Design/Architecture</td>
<td>Computer Science</td>
</tr>
<tr>
<td>CEG</td>
<td>Civil Geotechnical Engineering</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>CEN</td>
<td>Computer Software Engineering</td>
<td>Computer Science</td>
</tr>
<tr>
<td>CES</td>
<td>Civil Engineering Structures</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>CGN</td>
<td>Civil Engineering</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>CGS</td>
<td>Computer General Studies</td>
<td>Communication Disorders, Computer Science, Educational Leadership and Policy Studies, Management Information Systems, School of Teacher Education</td>
</tr>
<tr>
<td>CHD</td>
<td>Child Development</td>
<td>Family and Child Sciences</td>
</tr>
<tr>
<td>CHI</td>
<td>Chinese</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>CHM</td>
<td>Chemistry</td>
<td>Chemistry and Biochemistry</td>
</tr>
<tr>
<td>CHS</td>
<td>Chemistry: Specialized</td>
<td>Chemistry and Biochemistry</td>
</tr>
<tr>
<td>CHT</td>
<td>Chinese Literature in Translation</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>CIS</td>
<td>Computer Science and Information Systems</td>
<td>Computer Science</td>
</tr>
<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</td>
</tr>
<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>
</tr>
<tr>
<td>CLA</td>
<td>Classical and Ancient Studies</td>
<td>Classics, History</td>
</tr>
<tr>
<td>CLP</td>
<td>Clinical Psychology</td>
<td>Psychology</td>
</tr>
<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>Textiles and Consumer Sciences</td>
</tr>
<tr>
<td>COM</td>
<td>Communication</td>
<td>Communication</td>
</tr>
<tr>
<td>COP</td>
<td>Computer Programming</td>
<td>Computer Science</td>
</tr>
<tr>
<td>COT</td>
<td>Computing Theory</td>
<td>Computer Science</td>
</tr>
<tr>
<td>CPO</td>
<td>Comparative Politics</td>
<td>Political Science</td>
</tr>
<tr>
<td>CPS</td>
<td>Comparative Policy Studies</td>
<td>Social Science</td>
</tr>
<tr>
<td>CRW</td>
<td>Creative Writing</td>
<td>English</td>
</tr>
<tr>
<td>CTE</td>
<td>Home Economics: Clothing, Textiles and Merchandising</td>
<td>Textiles and Consumer Sciences, Interior Design</td>
</tr>
<tr>
<td>CWR</td>
<td>Civil Water Resources</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>CZE</td>
<td>Czech Language</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>DAA</td>
<td>Dance, Emphasis on Activities</td>
<td>Dance</td>
</tr>
<tr>
<td>Code</td>
<td>Program</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>DAE</td>
<td>Dance Education</td>
<td>Dance, Sport Management, Recreation Management and Physical Education</td>
</tr>
<tr>
<td>DAN</td>
<td>Dance</td>
<td>Dance</td>
</tr>
<tr>
<td>DEM</td>
<td>Demography</td>
<td>Sociology</td>
</tr>
<tr>
<td>DEP</td>
<td>Developmental Psychology</td>
<td>Educational Psychology and Learning Systems Psychology</td>
</tr>
<tr>
<td>DIE</td>
<td>Dietetics</td>
<td>Nutrition, Food, and Exercise Sciences</td>
</tr>
<tr>
<td>DIG</td>
<td>Digital Media</td>
<td>Art</td>
</tr>
<tr>
<td>EAB</td>
<td>Experimental Analysis of Behavior</td>
<td>Psychology</td>
</tr>
<tr>
<td>EAP</td>
<td>English as a Second Language for Academic Purposes</td>
<td>English, School of Teacher Education</td>
</tr>
<tr>
<td>EAS</td>
<td>Aerospace Engineering</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>EBD</td>
<td>Education: Emotional/Behavioral Disorders</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>ECH</td>
<td>Engineering: Chemical</td>
<td>Chemical and Biomedical Engineering</td>
</tr>
<tr>
<td>ECO</td>
<td>Economics</td>
<td>Economics</td>
</tr>
<tr>
<td>ECP</td>
<td>Economic Problems and Policy</td>
<td>Economics, Finance</td>
</tr>
<tr>
<td>ECS</td>
<td>Economic Systems and Development</td>
<td>Economics</td>
</tr>
<tr>
<td>EDA</td>
<td>Education: Administration</td>
<td>Educational Leadership and Policy Studies</td>
</tr>
<tr>
<td>EDE</td>
<td>Education: Elementary</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>EDF</td>
<td>Education: Foundations and Policy Studies</td>
<td>Educational Leadership and Policy Studies, Educational Psychology and Learning Systems, School of Teacher Education</td>
</tr>
<tr>
<td>EDG</td>
<td>Education: General</td>
<td>Educational Leadership and Policy Studies, Educational Psychology and Learning Systems, School of Teacher Education</td>
</tr>
<tr>
<td>EDH</td>
<td>Education: Higher</td>
<td>Educational Leadership and Policy Studies</td>
</tr>
<tr>
<td>EDM</td>
<td>Education: Middle School</td>
<td>Educational Leadership and Policy Studies, School of Teacher Education</td>
</tr>
<tr>
<td>EDP</td>
<td>Educational Psychology</td>
<td>Educational Psychology and Learning Systems</td>
</tr>
<tr>
<td>EDS</td>
<td>Education Supervision</td>
<td>Educational Leadership and Policy Studies</td>
</tr>
<tr>
<td>EEC</td>
<td>Education: Early Childhood</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>EEE</td>
<td>Engineering: Electrical and Electronic</td>
<td>Electrical and Computer Engineering</td>
</tr>
<tr>
<td>EEL</td>
<td>Engineering: Electrical</td>
<td>Electrical and Computer Engineering</td>
</tr>
<tr>
<td>EES</td>
<td>Environmental Engineering Science</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>EEX</td>
<td>Education: Exceptional Child-Core Competencies</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>EGI</td>
<td>Education: Gifted</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>EGM</td>
<td>Engineering Science</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>EGN</td>
<td>Engineering: General</td>
<td>Chemical and Biomedical Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Industrial Engineering, Mechanical Engineering, Statistics</td>
</tr>
<tr>
<td>EIN</td>
<td>Industrial Engineering</td>
<td>Industrial Engineering</td>
</tr>
<tr>
<td>ELD</td>
<td>Education: Specific Learning Disabilities</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>EMA</td>
<td>Materials Engineering</td>
<td>Industrial Engineering, Mechanical Engineering</td>
</tr>
<tr>
<td>EME</td>
<td>Education: Technology and Media</td>
<td>Educational Leadership and Policy Studies, Educational Psychology and Learning Systems, School of Teacher Education</td>
</tr>
<tr>
<td>EML</td>
<td>Engineering: Mechanical</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>EMR</td>
<td>Education: Mental Retardation</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>ENC</td>
<td>English Composition</td>
<td>English</td>
</tr>
<tr>
<td>ENG</td>
<td>English: General</td>
<td>English</td>
</tr>
<tr>
<td>ENL</td>
<td>English Literature</td>
<td>English</td>
</tr>
<tr>
<td>ENT</td>
<td>Entrepreneurship</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>ENV</td>
<td>Engineering: Environmental</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>ESC</td>
<td>Earth Science</td>
<td>Geological Sciences, Meteorology, Oceanography</td>
</tr>
<tr>
<td>ESI</td>
<td>Industrial/Systems Engineering</td>
<td>Industrial Engineering</td>
</tr>
<tr>
<td>EUH</td>
<td>European History</td>
<td>Classics, History</td>
</tr>
<tr>
<td>EUS</td>
<td>European Studies</td>
<td>Russian and East European Studies</td>
</tr>
<tr>
<td>EVI</td>
<td>Education: Visually Impaired-Blind</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>EVT</td>
<td>Education: Vocational/Technical</td>
<td>Educational Leadership and Policy Studies</td>
</tr>
<tr>
<td>EXP</td>
<td>Experimental Psychology</td>
<td>Psychology</td>
</tr>
<tr>
<td>FAD</td>
<td>Family Development</td>
<td>Family and Child Sciences</td>
</tr>
<tr>
<td>FIL</td>
<td>Film</td>
<td>Communication, Motion Picture, Television, and Recording Arts</td>
</tr>
<tr>
<td>FIN</td>
<td>Finance</td>
<td>Finance</td>
</tr>
<tr>
<td>FLE</td>
<td>Foreign Language Education</td>
<td>Classics, School of Teacher Education</td>
</tr>
<tr>
<td>FOL</td>
<td>Foreign and Biblical Languages</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>FOS</td>
<td>Food Science</td>
<td>Nutrition, Food and Exercise Sciences</td>
</tr>
<tr>
<td>FOW</td>
<td>Foreign and Biblical Languages, Comparative Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>FRE</td>
<td>French Language</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>FRT</td>
<td>French in Translation and/or Translation Skills</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>FRW</td>
<td>French Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>FSS</td>
<td>Food Service System</td>
<td>Hospitality, Nutrition, Food and Exercise Sciences</td>
</tr>
<tr>
<td>GEA</td>
<td>Geography: Regional Areas</td>
<td>Geography</td>
</tr>
<tr>
<td>Course Prefixes</td>
<td>Definitions and Locations</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>GEB</strong> General Business</td>
<td>Accounting, Entrepreneurship, Finance, Management, Management Information Systems, Marketing</td>
<td></td>
</tr>
<tr>
<td><strong>GEO</strong> Geography: Systematic</td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td><strong>GER</strong> German</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>GET</strong> German Literature in Translation</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>GEW</strong> German Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>GFD</strong> Geophysical Fluid Dynamics</td>
<td>Geophysical Fluid Dynamics</td>
<td></td>
</tr>
<tr>
<td><strong>GIS</strong> Geographic Information Systems</td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td><strong>GLY</strong> Geology</td>
<td>Geological Sciences</td>
<td></td>
</tr>
<tr>
<td><strong>GMS</strong> Graduate Medical Sciences</td>
<td>Biomedical Sciences, Medicine</td>
<td></td>
</tr>
<tr>
<td><strong>GRA</strong> Graphic Arts</td>
<td>Art</td>
<td></td>
</tr>
<tr>
<td><strong>GRE</strong> Classical Greek (Language Study)</td>
<td>Classics</td>
<td></td>
</tr>
<tr>
<td><strong>GRW</strong> Classical Greek Literature (Writings)</td>
<td>Classics</td>
<td></td>
</tr>
<tr>
<td><strong>HBR</strong> Modern Hebrew Language</td>
<td>Modern Languages and Linguistics, Religion</td>
<td></td>
</tr>
<tr>
<td><strong>HEE</strong> Home Economics Education</td>
<td>Family and Child Sciences, Textiles and Consumer Sciences</td>
<td></td>
</tr>
<tr>
<td><strong>HFT</strong> Hospitality Management</td>
<td>Hospitality Management, Management</td>
<td></td>
</tr>
<tr>
<td><strong>HHD</strong> Housing and Home Design</td>
<td>Textiles and Consumer Sciences</td>
<td></td>
</tr>
<tr>
<td><strong>HIS</strong> General History and Historiography</td>
<td>History</td>
<td></td>
</tr>
<tr>
<td><strong>HME</strong> Home Economics: Home Management and Equipment</td>
<td>Textiles and Consumer Sciences</td>
<td></td>
</tr>
<tr>
<td><strong>HOE</strong> Home Economics: General</td>
<td>Family and Child Sciences, Textiles and Consumer Sciences</td>
<td></td>
</tr>
<tr>
<td><strong>HPS</strong> History and Philosophy of Science</td>
<td>Program in History and Philosophy of Science, Religion</td>
<td></td>
</tr>
<tr>
<td><strong>HSC</strong> Health Sciences</td>
<td>Health Policy Research, Nutrition, Food, and Exercise Sciences, Public Health, School of Teacher Education</td>
<td></td>
</tr>
<tr>
<td><strong>HUM</strong> Humanities</td>
<td>Humanities</td>
<td></td>
</tr>
<tr>
<td><strong>HUN</strong> Human Nutrition</td>
<td>Nutrition, Food, and Exercise Sciences</td>
<td></td>
</tr>
<tr>
<td><strong>IDS</strong> Interdisciplinary Studies</td>
<td>School of Teacher Education</td>
<td></td>
</tr>
<tr>
<td><strong>IHS</strong> Interdisciplinary Health Sciences</td>
<td>Biomedical Sciences, Medicine</td>
<td></td>
</tr>
<tr>
<td><strong>IND</strong> Interior Design</td>
<td>Interior Design</td>
<td></td>
</tr>
<tr>
<td><strong>INP</strong> Industrial and Applied Psychology</td>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td><strong>INR</strong> International Relations</td>
<td>International Affairs, Political Science</td>
<td></td>
</tr>
<tr>
<td><strong>ISC</strong> Interdisciplinary Sciences</td>
<td>Biological Science, Chemistry and Biochemistry, Computational Science, Meteorology, Oceanography, Psychology, Science Teaching, Scientific Computing</td>
<td></td>
</tr>
<tr>
<td><strong>ISM</strong> Information Systems Management</td>
<td>Management Information Systems</td>
<td></td>
</tr>
<tr>
<td><strong>ISS</strong> Interdisciplinary Social Sciences</td>
<td>Social Science</td>
<td></td>
</tr>
<tr>
<td><strong>ITA</strong> Italian Language</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>ITT</strong> Italian Literature in Translation</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>ITW</strong> Italian Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>JPN</strong> Japanese</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>JPT</strong> Japanese Literature in Translation</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>KOR</strong> Korean Language and Literature</td>
<td>Modern Languages and Linguistics</td>
<td></td>
</tr>
<tr>
<td><strong>LAE</strong> Language Arts and English Education</td>
<td>English, School of Teacher Education</td>
<td></td>
</tr>
<tr>
<td><strong>LAH</strong> Latin American History</td>
<td>History</td>
<td></td>
</tr>
<tr>
<td><strong>LAS</strong> Latin American Studies</td>
<td>Latin American and Caribbean Studies</td>
<td></td>
</tr>
<tr>
<td><strong>LAT</strong> Latin (Language Study)</td>
<td>Classics</td>
<td></td>
</tr>
<tr>
<td><strong>LAW</strong> Law</td>
<td>Law</td>
<td></td>
</tr>
<tr>
<td><strong>LEI</strong> Leisure</td>
<td>Sport Management, Recreation, Management and Physical Education</td>
<td></td>
</tr>
<tr>
<td><strong>LIN</strong> Linguistics</td>
<td>Anthropology, Communication Disorders, English, Modern Languages and Linguistics, School of Teacher Education</td>
<td></td>
</tr>
<tr>
<td><strong>LIS</strong> Library and Information Studies</td>
<td>Information Studies, School of Teacher Education</td>
<td></td>
</tr>
<tr>
<td><strong>LIT</strong> Literature</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td><strong>LNW</strong> Latin Literature (Writings)</td>
<td>Classics</td>
<td></td>
</tr>
<tr>
<td><strong>MAA</strong> Mathematics: Analysis</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td><strong>MAC</strong> Mathematics: Calculus and Precalculus</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td><strong>MAD</strong> Mathematics: Discrete</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td><strong>MAE</strong> Mathematics Education</td>
<td>Mathematics, School of Teacher Education</td>
<td></td>
</tr>
<tr>
<td><strong>MAN</strong> Management</td>
<td>Finance, Management, Marketing</td>
<td></td>
</tr>
<tr>
<td><strong>MAP</strong> Mathematics: Applied</td>
<td>Mathematics, Meteorology, Oceanography</td>
<td></td>
</tr>
<tr>
<td><strong>MAR</strong> Marketing</td>
<td>Marketing</td>
<td></td>
</tr>
<tr>
<td><strong>MAS</strong> Mathematics: Algebraic Structures</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td><strong>MAT</strong> Mathematics</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td><strong>MCB</strong> Microbiology</td>
<td>Biological Science</td>
<td></td>
</tr>
<tr>
<td><strong>MEL</strong> Medical Science Electives</td>
<td>Medicine</td>
<td></td>
</tr>
<tr>
<td><strong>MET</strong> Meteorology</td>
<td>Meteorology</td>
<td></td>
</tr>
<tr>
<td><strong>MGF</strong> Mathematics: General and Finite</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Program Name</td>
<td>School or Department</td>
</tr>
<tr>
<td>------</td>
<td>--------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>MHF</td>
<td>Mathematics: History and Foundations</td>
<td>Mathematics</td>
</tr>
<tr>
<td>MHS</td>
<td>Mental Health Services</td>
<td>Educational Psychology and Learning Systems</td>
</tr>
<tr>
<td>MMC</td>
<td>Mass Media Communication</td>
<td>Communication</td>
</tr>
<tr>
<td>MOB</td>
<td>Molecular Biophysics</td>
<td>Molecular Biophysics</td>
</tr>
<tr>
<td>MSL</td>
<td>Military Science and Leadership</td>
<td>Military Science</td>
</tr>
<tr>
<td>MTG</td>
<td>Mathematics: Topology and Geometry</td>
<td>Mathematics</td>
</tr>
<tr>
<td>MUC</td>
<td>Music: Composition</td>
<td>Music</td>
</tr>
<tr>
<td>MUE</td>
<td>Music Education</td>
<td>Music</td>
</tr>
<tr>
<td>MUG</td>
<td>Music: Conducting</td>
<td>Music</td>
</tr>
<tr>
<td>MUH</td>
<td>Music: History/Musicology</td>
<td>Music</td>
</tr>
<tr>
<td>MUL</td>
<td>Music Literature</td>
<td>Music</td>
</tr>
<tr>
<td>MUM</td>
<td>Music: Commercial/Management/Administration</td>
<td>Music</td>
</tr>
<tr>
<td>MUN</td>
<td>Music Ensembles</td>
<td>Music</td>
</tr>
<tr>
<td>MUO</td>
<td>Music: Opera/Music Theatre</td>
<td>Music</td>
</tr>
<tr>
<td>MUR</td>
<td>Music: Church</td>
<td>Music</td>
</tr>
<tr>
<td>MUS</td>
<td>Music</td>
<td>Music</td>
</tr>
<tr>
<td>MUT</td>
<td>Music: Theory</td>
<td>Music</td>
</tr>
<tr>
<td>MUY</td>
<td>Music: Therapy</td>
<td>Music</td>
</tr>
<tr>
<td>MVB</td>
<td>Applied Music: Brasses</td>
<td>Music</td>
</tr>
<tr>
<td>MVH</td>
<td>Historical Instruments</td>
<td>Music</td>
</tr>
<tr>
<td>MVJ</td>
<td>Applied Music: Jazz</td>
<td>Music</td>
</tr>
<tr>
<td>MVK</td>
<td>Applied Music: Keyboard</td>
<td>Music</td>
</tr>
<tr>
<td>MVO</td>
<td>Applied Music: Other Instruments</td>
<td>Music</td>
</tr>
<tr>
<td>MVP</td>
<td>Applied Music: Percussion</td>
<td>Music</td>
</tr>
<tr>
<td>MVS</td>
<td>Applied Music: Strings</td>
<td>Music</td>
</tr>
<tr>
<td>MVV</td>
<td>Applied Music: Voice</td>
<td>Music</td>
</tr>
<tr>
<td>MVW</td>
<td>Applied Music: Woodwinds</td>
<td>Music</td>
</tr>
<tr>
<td>NGR</td>
<td>Nursing: Graduate</td>
<td>Nursing</td>
</tr>
<tr>
<td>NUR</td>
<td>Nursing: Generic Undergraduate</td>
<td>Nursing</td>
</tr>
<tr>
<td>OCB</td>
<td>Biological Oceanography</td>
<td>Oceanography</td>
</tr>
<tr>
<td>OCC</td>
<td>Chemical Oceanography</td>
<td>Oceanography</td>
</tr>
<tr>
<td>OCE</td>
<td>General Oceanography</td>
<td>Oceanography</td>
</tr>
<tr>
<td>OCG</td>
<td>Geological Oceanography</td>
<td>Oceanography</td>
</tr>
<tr>
<td>OCP</td>
<td>Physical Oceanography</td>
<td>Mathematics, Meteorology, Oceanography</td>
</tr>
<tr>
<td>ORI</td>
<td>Oral Interpretation</td>
<td>Communication</td>
</tr>
<tr>
<td>PAD</td>
<td>Public Administration</td>
<td>Public Administration and Policy</td>
</tr>
<tr>
<td>PAX</td>
<td>Peace Studies</td>
<td>International Affairs</td>
</tr>
<tr>
<td>PCB</td>
<td>Process Biology</td>
<td>Biological Science, Psychology</td>
</tr>
<tr>
<td>PCO</td>
<td>Psychology for Counseling</td>
<td>Educational Psychology and Learning Systems</td>
</tr>
<tr>
<td>PEL</td>
<td>Physical Education Activities (General): Land-Object Centered</td>
<td>Sport Management, Recreation Management and Physical Education</td>
</tr>
<tr>
<td>PEM</td>
<td>Physical Education Activities (General): Land-Performance Centered</td>
<td>Sport Management, Recreation Management and Physical Education</td>
</tr>
<tr>
<td>PEN</td>
<td>Physical Education Activities (General): Water, Snow, Ice</td>
<td>Oceanography</td>
</tr>
<tr>
<td>PEO</td>
<td>Physical Education Activities (Professional): Land-Object Centered</td>
<td>Sport Management, Recreation Management and Physical Education</td>
</tr>
<tr>
<td>PEP</td>
<td>Physical Education Activities (Professional): Land-Performance Centered</td>
<td>Sport Management, Recreation Management and Physical Education</td>
</tr>
<tr>
<td>PET</td>
<td>Physical Education Theory</td>
<td>Educational Psychology and Learning Systems, Nutrition, Food, and Exercise Sciences</td>
</tr>
<tr>
<td>PGY</td>
<td>Photography</td>
<td>Art</td>
</tr>
<tr>
<td>PHC</td>
<td>Public Health Concentration</td>
<td>Health Policy Research, Public Health</td>
</tr>
<tr>
<td>PHH</td>
<td>Philosophy, History of</td>
<td>Philosophy</td>
</tr>
<tr>
<td>PHI</td>
<td>Philosophy</td>
<td>Philosophy, Religion</td>
</tr>
<tr>
<td>PHM</td>
<td>Philosophy of Man and Society</td>
<td>Philosophy, Political Science</td>
</tr>
<tr>
<td>PHP</td>
<td>Philosophers and Schools</td>
<td>Philosophy</td>
</tr>
<tr>
<td>PHY</td>
<td>Physics</td>
<td>Chemical Physics, Physics</td>
</tr>
<tr>
<td>PHZ</td>
<td>Physics: Continued</td>
<td>Physics</td>
</tr>
<tr>
<td>POR</td>
<td>Portuguese Language</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>POS</td>
<td>Political Science</td>
<td>Political Science, Public Administration and Policy</td>
</tr>
<tr>
<td>POT</td>
<td>Political Theory</td>
<td>Political Science</td>
</tr>
<tr>
<td>POW</td>
<td>Portuguese Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>PPE</td>
<td>Personality</td>
<td>Psychology</td>
</tr>
<tr>
<td>PRT</td>
<td>Portuguese in Translation</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>PSB</td>
<td>Psychobiology</td>
<td>Biological Science, Educational Psychology and Learning Systems, Psychology</td>
</tr>
<tr>
<td>PSC</td>
<td>Physical Sciences</td>
<td>Chemistry and Biochemistry, Physics</td>
</tr>
<tr>
<td>PSY</td>
<td>Psychology</td>
<td>Psychology</td>
</tr>
<tr>
<td>PUP</td>
<td>Public Policy</td>
<td>Political Science</td>
</tr>
<tr>
<td>PUR</td>
<td>Public Relations</td>
<td>Communication</td>
</tr>
<tr>
<td>QMB</td>
<td>Quantitative Methods in Business</td>
<td>Finance, Management Information Systems, Marketing, Statistics</td>
</tr>
<tr>
<td>RCS</td>
<td>Rehabilitation Counseling Services</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>RED</td>
<td>Reading</td>
<td>English</td>
</tr>
<tr>
<td>RED</td>
<td>Reading Education</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>REE</td>
<td>Real Estate</td>
<td>Risk Management/Insurance and Real Estate and Program in Business Law</td>
</tr>
<tr>
<td>REL</td>
<td>Religion</td>
<td>Religion</td>
</tr>
<tr>
<td>RMI</td>
<td>Risk Management/Insurance</td>
<td>Risk Management/Insurance and Real Estate and Program in Business Law</td>
</tr>
<tr>
<td>Prefix</td>
<td>Course Title</td>
<td>Department/Location</td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>RTV</td>
<td>Radio-Television</td>
<td>Communication</td>
</tr>
<tr>
<td>RUS</td>
<td>Russian Language</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>RUT</td>
<td>Russian Literature in Translation</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>RUW</td>
<td>Russian Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>SCC</td>
<td>Security</td>
<td>Criminology and Criminal Justice</td>
</tr>
<tr>
<td>SCE</td>
<td>Science Education</td>
<td>Biological Science Chemistry and Biochemistry Meteorology Psychology School of Teacher Education</td>
</tr>
<tr>
<td>SCW</td>
<td>Serbo-Croatian Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>SDS</td>
<td>Student Development Services</td>
<td>Educational Leadership and Policy Studies Educational Psychology and Learning Systems</td>
</tr>
<tr>
<td>SEC</td>
<td>Serbo-Croatian Language</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>SED</td>
<td>Speech Education</td>
<td>Communication</td>
</tr>
<tr>
<td>SLL</td>
<td>Slavic Languages</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>SLS</td>
<td>Student Life Skills (Learning)</td>
<td>Student Life Skills</td>
</tr>
<tr>
<td>SOP</td>
<td>Social Psychology</td>
<td>Psychology</td>
</tr>
<tr>
<td>SOW</td>
<td>Social Work</td>
<td>Social Work</td>
</tr>
<tr>
<td>SPA</td>
<td>Speech Pathology and Audiology</td>
<td>Communication Disorders</td>
</tr>
<tr>
<td>SPC</td>
<td>Speech Communication</td>
<td>Communication</td>
</tr>
<tr>
<td>SPM</td>
<td>Sports Management</td>
<td>Sport Management, Recreation Management and Physical Education</td>
</tr>
<tr>
<td>SPN</td>
<td>Spanish Language</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>SPS</td>
<td>School Psychology</td>
<td>Educational Psychology and Learning Systems</td>
</tr>
<tr>
<td>SPT</td>
<td>Spanish Literature in Translation and/or Translation Skills</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>SPW</td>
<td>Spanish Literature (Writings)</td>
<td>Modern Languages and Linguistics</td>
</tr>
<tr>
<td>SRK</td>
<td>Sanskrit Language</td>
<td>Religion</td>
</tr>
<tr>
<td>SSE</td>
<td>Social Studies Education</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>STA</td>
<td>Statistics</td>
<td>Statistics</td>
</tr>
<tr>
<td>SYA</td>
<td>Sociological Analysis</td>
<td>Sociology</td>
</tr>
<tr>
<td>SYD</td>
<td>Sociology of Demography/Area Studies/Sociological Minorities</td>
<td>Sociology</td>
</tr>
<tr>
<td>SYG</td>
<td>Sociology: General</td>
<td>Sociology</td>
</tr>
<tr>
<td>SYO</td>
<td>Social Organization</td>
<td>Sociology</td>
</tr>
<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>
</tr>
<tr>
<td>TPA</td>
<td>Theatre Production and Administration</td>
<td>Theatre</td>
</tr>
<tr>
<td>TPP</td>
<td>Theatre Performance and Performance Training</td>
<td>Theatre</td>
</tr>
<tr>
<td>TSL</td>
<td>Teaching English as a Second Language</td>
<td>School of Teacher Education</td>
</tr>
<tr>
<td>TTE</td>
<td>Transportation Engineering</td>
<td>Civil and Environmental Engineering</td>
</tr>
<tr>
<td>URP</td>
<td>Urban and Regional Planning</td>
<td>Urban and Regional Planning</td>
</tr>
<tr>
<td>URS</td>
<td>Urban and Regional Studies</td>
<td>Urban and Regional Planning</td>
</tr>
<tr>
<td>VIC</td>
<td>Visual Communication</td>
<td>Communication</td>
</tr>
<tr>
<td>WOH</td>
<td>World History</td>
<td>History</td>
</tr>
<tr>
<td>WST</td>
<td>Women's Studies</td>
<td>Women’s Studies</td>
</tr>
<tr>
<td>ZOO</td>
<td>Zoology</td>
<td>Biological Science</td>
</tr>
</tbody>
</table>
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 better in CJS 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/navigation/detail_ex/cpp_intro.do?pageId=060304 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 will count toward the degree as elective credits for transfer students; it is recommended that native students take another non-accounting elective) or ACGX301
3. CGS X100 (or demonstrated competency) or CGS X100C or CGSX530 or CGS X570 or CG SX060 or CG SX531 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) the general business core requirements for accounting majors; (4) the general business breadth requirements for accounting majors; and (5) the major area requirements for accounting majors. To be eligible to pursue an accounting major, students must meet the admission requirements of the College of Business. These admission requirements are described in the "College of Business" chapter of this General Bulletin.

General Business Core Requirements

All accounting majors must complete the following four 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)

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

All accounting majors must complete the ten 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 with a grade of "B" or better ("B-" is not acceptable). A grade of "C–" or better must be earned in all required upper-level accounting courses and BUL 3300. Any student receiving two grades below "C–" in the same required upper-level accounting course (prefix ACG or TAX) will not be permitted to enroll in that course again; that is, a student may repeat a required upper-level accounting course only once.

ACG 3101 Financial Accounting and Reporting I (3)
ACG 3111 Financial Accounting and Reporting II (3)
ACG 3341 Cost Accounting I (3)
ACG 3351 Cost Accounting II (3)
ACG 4201 Financial Accounting and Reporting III (3)
ACG 4401 Accounting Information Systems (3)
ACG 4632 Auditing Theory and Application I (3)
BUL 3330 Law for Accountancy (3)
BUL 3350 Uniform Commercial Code Business Law Problems (3)
TAX 4001 Federal Tax Accounting I (3)

Definition of Prefixes

ACG—Accounting: General
GEB—General Business
TAX—Tax Accounting
Undergraduate Courses

To register for any accounting course, students must have completed all prerequisite courses with appropriate grades.


ACG 2071. Introduction to Managerial Accounting (3). Prerequisite: ACG 2021 with a grade of "C–" or better. An introduction to managerial accounting concepts. Credit not allowed for accounting majors.

ACG 3101. Financial Accounting and Reporting I (3). Prerequisite: ACG 2021 with a grade of "B" or better. In-depth study of financial reporting concepts and generally accepted practice including an overview of the accounting cycle, current liabilities, current and noncurrent assets. Emphasis on analyzing financial events and the consequences of financial reporting alternatives.

ACG 3111. Financial Accounting and Reporting II (3). Prerequisite: ACG 3101 with a grade of "C–" or better. In-depth study of financial reporting concepts and generally accepted practice for long-term liabilities, leases, pensions, income taxes, and stockholders’ equity and earnings per share. Emphasis on analyzing financial events and the consequences of financial reporting alternatives.


ACG 3331. Cost Accounting and Analysis for Business Decisions (3). Prerequisite: ACG 2071 with a grade of "C–" or better. Study of techniques of cost accounting and cost analysis for various business decisions. Credit not allowed for accounting majors.

ACG 3341. Cost Accounting I (3). Prerequisites: ACG 2021 with a grade of "B" or better, MAC 2233, and QMB 3200. Planning and control of economic entities through cost-volume-profit relationships, job order, process and standard cost accounting. The relationship of accounting systems to decision making is emphasized.

ACG 3351. Cost Accounting II (3). Prerequisite: ACG 3341 with a grade of "C–" or better. Planning and control of economic entities through direct and relevant costing, inventory management, decentralized operations, capital budgeting, and quantitative techniques. The relationship of accounting systems to decision making is emphasized.

ACG 3949. Cooperative Education Work Experience (0). (S/U grade only.)

ACG 4201. Financial Accounting and Reporting III (3). Prerequisites: ACG 3111 with a grade of "C–" or better and CGS 2100. In-depth study of financial reporting concepts and generally accepted practice for investments, business combinations, consolidated enterprises, and foreign operations and the statement of cash flows. Emphasis on analyzing financial event 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 2100. An introduction to manual and computerized accounting information systems. Transaction cycles, internal controls, and flowcharting are emphasized.

ACG 4501. Accounting for Governmental and Not-for-Profit Entities (3). Prerequisite: ACG 3111 with a grade of "C–" or better. An introduction to fund accounting procedures and financial reporting requirements for governmental units and not-for-profit entities.

ACG 4632. Auditing Theory and Application I (3). Prerequisites: ACG 3111 and ACG 4401 with grades of "C–" or better. Legal and professional responsibility of CPAs; generally accepted auditing standards; audit programs, procedures, and evidence; review and evaluation of internal controls.

ACG 4642. Auditing Theory and Application II (3). Prerequisite: ACG 4632 with a grade of "C–" or better. Theory of auditing and development of audit programs; sampling; procedures of obtaining audit evidence; auditor responsibility under Securities and Exchange Commission requirements; and auditing computerized systems. Subsequent credit for ACG 5635 is not permitted.

ACG 4682. Investigative Accounting (3). 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 4683. 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 up to five times.

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

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

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

TAX 4011. Federal Tax Accounting II (3). Prerequisite: TAX 4001 with a grade of "C–" or better. Concepts and methods of determining income of corporations, partnerships, estates, and trusts for tax purposes; interpretation of the Internal Revenue Code, related regulations and judicial cases. Subsequent credit for TAX 5015 is not permitted.
Program in
ACTUARIAL SCIENCE

COLLEGE OF ARTS AND SCIENCES

Coordinators: Steve Paris (Mathematics); Advisory Committee: Case (Mathematics); Beaumont, Benson (Economics); Whalley (Computer Science); Carson, Gatzlaff, Maroney (Risk Management/Insurance, MBA); Chicken, Huffer (Statistics); Icerman (Accounting); Christiansen (Finance)

This interdisciplinary degree provides broad instruction in the mathematical and statistical concepts underlying the operations of life, property, and casualty insurers; governmental regulatory agencies; pension and insurance consulting firms; and financial firms. Along with strong mathematical and computational skills and a solid grounding in each of the component disciplines, the program is designed to enhance leadership ability and communications skills. The program is also flexible enough to provide background for graduate or professional study in many areas beyond actuarial science, e.g., business, economics, finance, law, and statistics. The program is classified by the professional actuarial societies as advanced undergraduate and graduate education and research. All three of the actuarial professional society Validation by Educational Experience credit areas are approved to provide FSU students an opportunity to advance their careers through their regular study.

Students in the program are also assisted in moving forward professionally through tutorials in preparation for national actuarial examinations and by guest lecturers who are actuaries discussing the varied available employment.

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/navigation/detail_ext/cpp_intro.do?pageId=060304 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: one (1) scientific programming course for three (3) credit hours designed for computer science majors

Note: All universities require a “C” grade or better for admission.

2. ECO X013
3. ECO X023
4. MAC X311
5. MAC X312
6. MAC X313

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
AFROTC College Scholarship Programs

Financial assistance may be available in the form of AFROTC academic scholarships. Under this program, the Air Force pays for full tuition and fees and provides an allowance for books, supplies, and equipment. Scholarships may be awarded for up to three and one-half (3.5) years. Four-year scholarships must be applied for by December 1 in the year prior to enrollment as a freshman. Other scholarships are available after enrolling in aerospace studies courses. Scholarships are available for students attending Florida A&M University (FAMU), a historically black university, if the student has a 2.50 or higher cumulative GPA.

Field Training

Cadets in the two-year program must complete a six-week field training course before they may formally enroll in the professional officer course. This course includes career training, physical conditioning, and the general military course academics. Academic credit for up to four (4) semester hours may be given for cadets attending a six-week field training and who have not previously completed AFR 1101, 1102, 2130, and 2140. See the Professor of Aerospace Studies for further information and to apply for the credit.

Cadets enrolled in the four-year AFROTC program are required to attend a four-week field training course before they may formally enroll in the professional officer course. Field training provides a better understanding of the United States Air Force mission, increases the cadets’ proficiency in junior officer training areas, and stresses the importance of physical conditioning.

All field training courses are conducted at active Air Force bases. Students attending these courses receive pay for the encampment plus travel allowances.

Officer Commissions

Upon graduation from the University, cadets who complete the professional officer course are commissioned as Second Lieutenants in the United States Air Force. As graduates they incur an obligated active duty tour of four years for nonflyers, six years for navigators, and ten years for pilots.

Minor

A minor in aerospace studies is offered and may be selected by the student with the approval of the major department and the Department of Aerospace Studies. Requirement for a minor is twelve (12) semester hours in aerospace studies courses.

Oral Communications Competency

Florida State University requires students to demonstrate competency in oral communications prior to graduation. Students who meet the specific criteria below may be awarded the competency through AFR courses.

1. Successfully complete (grade of “C-” or better) the verbal presentation portion of three AFR courses
2. Apply to the department office assistant for award of the competency.
3. 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.

AFROTC courses are eligible for consideration. Note: Students not currently enrolled in the AFROTC program must have the permission of the department chairperson prior to enrolling in any 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, and the FSU/FAMU/TCC/ERAU AFROTC Silver Eagles Drill Team, an armed precision drill unit. Students who desire to fly can participate in a flying program with the Florida Civil Air Patrol.

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.
These plaques, trophies, medals, and ribbons symbolize superior achievement in AFROTC and other University academic courses and in outstanding campus and cadet corps leadership.

**Definition of Prefix**

**AFR**—Aerospace Studies

**Undergraduate Courses**

**AFR 1101. USAF Strategic Forces (1).** This course deals with the Air Force structure as well as traditions behind customs and courtesies, and team building skills.

**AFR 1102. USAF General Purpose and Support Forces (1).** This course is a continuation of AFR 1101.

**AFR 2130. Development of Airpower I (1).** This course, along with AFR 2140, is a study of airpower from balloons and dirigibles through the jet age, a historical review of airpower employment in military and nonmilitary operations in support of national objectives, and a look at the evolution of airpower concepts and doctrine.

**AFR 2140. Development of Airpower II (1).** This course is a continuation of AFR 2130.

**AFR 2233L. AFROTC Leadership Lab (0).** (S/U grade only.) For AFROTC cadets only.

**AFR 2940. Basic Aerospace Internship (4).** (S/U grade only.) (AFROTC Field Training.) Prerequisites: selection for the two-year AFROTC program and permission of the professor of aerospace studies.

**AFR 3201. Air Force Management (3).** This course is the initial semester of a study of leadership and management fundamentals. Material deals with general managerial and leadership concepts and theories and relates them to the Air Force junior officer. A block on communicative skills is included in this course.

**AFR 3202. Air Force Junior Officer Leadership (3).** Continuation of the study of leadership and management begun in AFR 3201.

**AFR 4211. U.S. Defense Policy and Strategy Formulation (3).** Prerequisite: AFR 3202. This course, along with AFR 4212, includes an examination of the need for national security, analysis of the evolution of the American defense strategy and policy and of the methods for managing conflicts, and a study of the formulation of American defense policy and strategy.

**AFR 4212. Preparation for Active Duty (3).** Prerequisite: AFR 4211. Continuation of AFR 4211.

**Note:** If stated prerequisites are not met, permission of the professor of aerospace studies is prerequisite to all courses.

---

**AFRICAN HISTORY:**

see African-American Studies; History
Program in
AFRICAN-AMERICAN STUDIES

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

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 higher in CGS 2060, CGS 2064, or CGS 2100.

With the director’s approval, courses offered at Florida A&M University that are not offered at FSU may be used to fulfill the requirements for African-American Studies major and minor. A minimum of fifteen semester hours in African-American Studies courses must be taken at Florida State University.

Requirements for a Minor in African-American Studies

The program minor consists of eighteen semester hours with and a cumulative grade point average (GPA) of 2.0 in all course work 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 Black Families in America (3)
   - OR
   - SYD 4700 Race and Minority Group Relations (3)
   - AND
   - ANT 4352 Peoples and Cultures of Africa (3)
   - OR
   - SOP 3782 Psychology of the African-American (3)

2. At least 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 course work 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)
- AND

History Requirement

Completion of six hours in African and/or African-American history courses selected from the following:

- 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)
   - AND
   - ECO 3104 Applied Microeconomic Analysis (3)
   - OR
   - ECO 4101 Intermediate Microeconomic Theory (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 Research Methods in Political Science (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)
2. Additional specialty courses (six 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)
- SYP 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 the foreign language requirement 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):
   - 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)
   - AML 2600 Introduction to African-American Literature (3)
   - AML 3680 American Multi-Ethnic Literature (3)
   - AML 4604 The African-American Literary Tradition (3)
   - ARH 2630 Survey in African-American Art and Aesthetics (3)
   - ARH 4118 Archaeology of Ancient Egypt (3)
   - DAN 3185 African-American Dance in American Culture (3)
   - HIS 4930r Special Topics in History (3), (*with approved topic)
   - LAH 4470 History of the Caribbean (3)
   - LAH 4723 Race and Class in Colonial Latin America (3)
   - LIT 4329 African American Folklore (3)
   - MUH 4801 History of Jazz I (2)
   - MUH 4802 History of Jazz II (2)
   - PHM 2121 Philosophy of Feminism (3)
   - REL 3930r Special Topics in Religion (1–3), (*with approved topic)
   - REL 4190r Undergraduate Religion and Culture Seminar (3), (*with approved topic)

2. Supplementary courses: (six hours) selected from the approved African-American Studies supplementary course list below:

**African-American Studies Supplementary Course List**

- AFA 3101 Theory and Dynamics of Racism and Oppression (3)
- AFA 3330 Black Families in America (3)
- AFA 3930r Special Topics (1-3)
- AFA 4905r Black Studies Directed Individual Study (1-3)

**Anthropology**

- ANT 4352 Peoples and Culture of Africa (3)

**Art History**

- ARH 4118 Archaeology of Ancient Egypt (3)

**Communications**

- SPC 4710 Interracial/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 Feminism (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 3930r 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)

**Textiles and Consumer Sciences**

- HHD 2152 Multicultural Perspectives in Residential Environments (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 requirement for a Bachelor’s degree with permission of the academic dean.*
Definition of Prefix

AFA—African-American Studies

Undergraduate Courses

AFA 1003. Diversity and Justice (1). This course integrates African authors, pre- and post-Apartheid, to demonstrate the problems of living in a diverse world. It fosters awareness and acceptance of people different from students through the study of African-American culture, and stimulates an appreciation and respect for people of all cultures.


AFA 3101. Theory and Dynamics of Racism and Oppression (3). A conceptual, institutional, and historical analysis of the operation and inner logic of racism and oppression.

AFA 3330. Black Families in America (3). This course explores the social, economic, and cultural forces that have shaped the development of African-American families. In examining historical and contemporary transitions in the structure and functioning of African-American families, special emphasis is given to the bifurcation in the distribution of wealth and power in American society, as well as the role of racial stratification. The course also seeks to empirically examine contemporary policy and political debates on crucial issues confronting African-American families.

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

AFA 4905r. African-American Studies Directed Individual Study (1–4). May be repeated during the same semester.
Certificate Program in the PENPER INSTITUTE ON AGING AND PUBLIC POLICY

College of Social Sciences and Public Policy

Director and Rod and Hope Brim Eminent Scholar: David Macpherson (Economics); Mildred and Claude Pepper Eminent Scholar: Quadagno (Sociology); Professors: Barrilleaux (Political Science), Brummel-Smith (Medicine), Charness (Psychology), Fournier (Economics), Weisert (Political Science); Associate Professor: Barrett (Sociology), Reynolds (Sociology); Assistant Professors: Barabas (Political Science), Bokhari (Economics), Rohlinger (Sociology), Taylor (Sociology); Affiliates: Boot, Brooks, Cowart, Ebener, Ferris, Hinterlong, Kelley, LaPointe, D. Lloyd, J. Lloyd, Miles, Munn, Ohlin, Ouimet, Panton, Pomidor, Ralston, Sachs-Ericsson, Taylor, Vinton.

The Pepper Institute on Aging and Public Policy has a multidisciplinary focus and plays a coordinating and facilitating role for the work in all academic units with interests in aging and social policy. As an internationally recognized site of multidisciplinary research, the Institute reflects many of the strengths of Florida State University. The Institute supports a rigorous research program that mirrors the interests of faculty and their contributions to health policy, health care, and health financing; retirement, pensions, and income inequality; family structure, care-giving, and end-of-life issues; social welfare policy; and the special concerns of older women and minority group members. The Institute also sponsors an exceptional educational outreach program for mature adults, the Osher Institute for Lifelong Learning at Florida State University. As part of the broader University community, the Pepper Institute seeks to teach each new generation the importance of learning as a life-long activity and the value of service to others. The Pepper Institute offers an undergraduate and graduate Certificate in Aging Studies that can be completed by any student in the University. Application to the program is made to the Pepper Institute on Aging and Public Policy. For more information, contact Gayla Kittendorf at gkittendorf@fsu.edu.

Requirements for the undergraduate Certificate in Aging Studies include a three semester hour internship (ISS 4944r Practicum in Aging Studies) enabling students to gain experience in a setting associated with services for the elderly, and the completion of an additional nine semester hours of course work in aging from the list of approved courses.

Selected Course Offerings

<table>
<thead>
<tr>
<th>DEP</th>
<th>4404</th>
<th>Psychology of Aging (3) [Prerequisite: PSY 2012]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECP</td>
<td>3530</td>
<td>Economics of Health (3)</td>
</tr>
<tr>
<td>HFT</td>
<td>3272</td>
<td>Senior Services Management (3)</td>
</tr>
<tr>
<td>ISS</td>
<td>4931</td>
<td>Special Topics [Aging Studies] (1–3)</td>
</tr>
<tr>
<td>ISS</td>
<td>4944r</td>
<td>Internship [Practicum in Aging Studies] (3–6)</td>
</tr>
<tr>
<td>NUR</td>
<td>3195</td>
<td>The Individual, Death, and the Family (2)</td>
</tr>
<tr>
<td>NUR</td>
<td>3286</td>
<td>Nursing the Aging Family (3)</td>
</tr>
<tr>
<td>PSB</td>
<td>4641</td>
<td>Pain and Suffering (3)</td>
</tr>
<tr>
<td>PSY</td>
<td>4930r</td>
<td>Special Topics In Psychology [Successful Aging] (3)</td>
</tr>
<tr>
<td>RCS</td>
<td>4930r</td>
<td>Special Topics in Rehabilitation Counseling [Social Psychology of Aging] (1–4)</td>
</tr>
<tr>
<td>REL</td>
<td>3191</td>
<td>Death and Dying (3)</td>
</tr>
<tr>
<td>SOW</td>
<td>4645</td>
<td>Aging and Old Age: Social Work with the Aged (3)</td>
</tr>
<tr>
<td>SOW</td>
<td>4935r</td>
<td>Seminar in Social Work: Selected Topics [Aging] (3)</td>
</tr>
<tr>
<td>SPA</td>
<td>4411</td>
<td>Acquired Language Disorders (3)</td>
</tr>
<tr>
<td>SYA</td>
<td>4930</td>
<td>Selected Topics in Sociology [Law and Ethics of Caregiving] (3)</td>
</tr>
<tr>
<td>SYP</td>
<td>3730</td>
<td>Aging and The Life Course (3)</td>
</tr>
<tr>
<td>URP</td>
<td>4523</td>
<td>Introduction to Health Planning (3)</td>
</tr>
<tr>
<td>URP</td>
<td>4531</td>
<td>Policy and Planning for the Aged (3)</td>
</tr>
<tr>
<td>URP</td>
<td>4936</td>
<td>Special Topics in Urban and Regional Planning [Regulatory Aspects of Health Care] (3)</td>
</tr>
</tbody>
</table>

Students will be able to choose from a diverse selection of courses, depending on a selected focus, for nine of the twelve hours. The final three hours will consist of a required internship, ISS 4944 Practicum in Aging Studies. Students must receive permission from the Pepper Institute on Aging Education Director to complete this course. The Institute offers a graduate Certificate in Aging Studies. For details, please refer to the Graduate Bulletin. Other opportunities for concentrated study in aging are available by earning a minor in aging in conjunction with another discipline. A minor in aging studies shall consist of at least twelve semester hours from the approved list of courses offered in conjunction with the interdisciplinary aging program through the College of Social Sciences and Public Policy with a grade of “C—” or better. Utilizing the resources of a number of departments and programs, this minor allows the student to study aging research, policies, and services from an interdisciplinary perspective.

AIR FORCE ROTC:
see Aerospace Studies
Program in
AMERICAN AND FLORIDA STUDIES

COLLEGE OF ARTS AND SCIENCES

Department Chair: Dr. Nancy Warren; Advisory Committee: Bearor (Art History), Davis (History), Junonville (History), Moore (English), Wiegand (College of Information)

American Studies is concerned with the culture of the United States studied from cross-disciplinary interdepartmental perspectives. The aim of the program is toward enlarged dimensions of awareness rather than toward further refinements of disciplinary analysis. A wide variety of courses is available from many departments. The flexibility of the program gives students an opportunity to develop a curriculum commensurate with their own interests and needs.

In addition, students may focus on Florida Studies, that is, on Florida in the Americas. The same cross-disciplinary mode of study is utilized to interpret the Florida experience in the context of the way(s) Florida has been perceived by Americans, past and present.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in American and Florida Studies satisfy this requirement by earning a grade of “C-” or higher in CGS 2060 (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 course work toward the major with a GPA of 3.5 in that course work, 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 course work and at least a 3.2 GPA in courses counting toward the major in American and Florida Studies at or above the 4000 level.

Definition of Prefix

AMS—American Studies

Undergraduate Courses

Note: AMS 3310 Changing Concepts of the American Character, and AMS 3810 The Life of the 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.)
AMS 3310r. Changing Concepts of the American Character (3). A study of American culture and values. May be repeated to a maximum of six (6) semester hours.
AMS 3810r. The Life of the Mind in America (3). This course addresses topics in American intellectual history. May be repeated to a maximum of six (6) semester hours.
AMS 3932r. Lecture Series in American Problems (3). May be repeated to a maximum of six (6) semester hours.

Requirements

Undergraduate courses

AMS 3940r. Internship in an Approved American Studies Field (3–9). (S/U grade only.)
AMS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.
AMS 4913r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

AMS 5809r. Seminar in American Culture (3).
AMS 5815r. Seminar in American Thought (3).
AMS 5908r. Directed Individual Study (1–3).
AMS 5915r. Supervised Research (1–3). (S/U grade only.)
AMS 5940r. Supervised Teaching (1–3). (S/U grade only.)

AMS 5942r. Internship in an Approved American Studies Field (3–9). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s examination and defense, consult the Graduate Bulletin.
Department of ANTHROPOLOGY

COLLEGE OF ARTS AND SCIENCES

Chair: Doran; Professors: Doran, Falk, Marlowe; Associate Professors: Marrinan, Peters, Schepartz, Ward; Assistant Professors: Professors Emeriti: Grindal, Ho, Paredes; Courtesy Professor: Pullen; Adjunct Professors: Kowal, Hernandez-Herlo; Professors: Hernandez-Herlo, Hernandez-Herlo, Hernandez-Herlo.

Anthropology investigates humankind in all its diversity. It includes the study of human origins, physical characteristics, adaptations, distributions, customs, artifacts, languages, beliefs, and practices. Anthropologists divide their work among four subdisciplines. Archaeologists study material objects left behind by prehistoric and historic peoples and document stability and change in human behavior over long time periods. Physical (biological) anthropologists study 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 arts students an introduction to human diversity and behavior and upper division courses for advanced students with specialized interests. The undergraduate major provides a rigorous course of study intended to prepare students for graduate study in any one of the subfields of anthropology. The major also provides a science-based liberal arts education to students wishing to pursue other professional degrees such as law or medicine (with additional coursework) and to those students who may not wish to pursue graduate studies. Students with anthropology majors often develop careers in areas of public policy, cultural resource management, public health, women’s studies, museum studies, and other areas where practical approaches contribute to providing workable solutions to human problems.

The department also participates in the undergraduate programs in Latin American and Caribbean studies, Middle Eastern studies, and in the honors in the major program. For detailed information about the anthropology major and the department, please visit http://www.anthro.fsu.edu.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in anthropology satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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. ANTXXXX: two (2) introductory anthropology courses for six (6) credit hours

Note: General requirements for all social sciences: the State University System and the Community Colleges advise students to:

1. Complete General Education 36 hours;
2. Complete Foreign Language requirement;
3. Complete Gordon Rule requirement of 24,000 words;
4. Complete Gordon Rule requirement in math by taking 2 courses, one of which must be pure math.

Requirements for a Major in Anthropology

Please review all college-wide requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. For the Bachelor of Science (BS) degree in anthropology, the requirements listed below, along with the requirements of the College of Arts and Sciences, must be fulfilled. Of the upper division hours (3000 and 4000-level classes), nine semester hours in the humanities and history are required for the Bachelor of Arts (BA) degree.

Major

To complete a BA or BS degree with a major in anthropology, a student must take, in addition to other college requirements, thirty-two semester hours of anthropology courses, including the following: ANT 2100, 2100L, 2410, 2511, 2511L, and 3610, and fifteen semester hours of work at the 4000 level of which ANT 4034 (History of Anthropology) must be included. No more than three semester hours of credit in fieldwork courses and no hours of directed individual study (DIS) or satisfactory/unsatisfactory (S/U) credits may be used to meet the specific requirement of fifteen semester hours of work at the 4000 level, except upon approval of a petition to the department chair. LIN 4010 and LIN 4950 may be counted as equivalents of courses designated as ANT for purposes of completing the undergraduate major requirement of thirty-two semester hours in the department, but no more than three semester hours of LIN courses will be counted toward completion of the specific requirement of fifteen semester hours of work at the 4000 level. No anthropology course for which the student receives a grade below “C–” may be counted toward satisfaction of the major requirements.

Minor

The anthropology department requires the completion of a minor of twelve semester hours in a related department or program. Courses in which a student receives a grade below “C–” will not be counted toward the minor.

Hons

The Department of Anthropology offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin, or visit http://www.anthro.fsu.edu.

Requirements for a Minor in Anthropology

Twelve semester hours in anthropology, including either ANT 2410 or ANT 2511, are required. Courses in which a student receives a grade below “C–” will not be counted toward the minor.

Definition of Prefixes

ANG—Anthropology: Graduate
ANT—Anthropology
LIN—Linguistics

Undergraduate Courses

ANT 2000. Introduction to Anthropology (3). This introductory course offers a holistic approach to understanding what it means to be human, studying humans and human behavior from the perspectives of evolution and genetics, the archaeological record, and language and culture.

ANT 2100. Introduction to Archaeology (3). This course is an introduction to modern anthropological archaeology. The course introduces students to the interdisciplinary scientific approaches employed in contemporary archaeological research and provides them with an overview of the origins and evolution of human social and economic systems.

ANT 2100L. Introduction to Archaeology Laboratory (1). Corequisite: ANT 2100. The course is conducted as a hands-on laboratory in archaeological methodology. Each week, students have a series of 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 nautical archaeology through the excavation and exploration of ships and boats from 5000 years ago in ancient Egypt to the U.S.S. Yorktown of WW II. From Titanic to treasure ships, this global survey explores economy, technology, and society.

ANT 2301. Evolution of Human Sexuality (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). Origin and development of human lifeways with emphasis on non-Western societies. A comparative perspective is used to examine language, social organization, religion, values, and technology. Attention is given to contemporary world problems.

ANT 2416. Childhood Around the World (3). This course examines the variety of ways children are treated in different cultures, allowing students with a background in anthropology to develop an appreciation for 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 human societies and for other early primates are explored to highlight human dietary adaptations and to investigate how dietary changes have contributed to cultural and biological variation.

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 and social life. The course draws on ethnography, political economy, public health, and ecology to explore how populations resist, appropriate, and exploit the perils and opportunities of globalization.

ANT 2511. Introduction to Physical Anthropology and Prehistory (3). This course introduces theory and principles of genetically based evolution. It reviews fossil evidence for human evolution and competing ideas about the specific pathways to modern humans. It emphasizes the genetic unity of humankind and the universal features that underlie individual and cultural diversity.

ANT 2511L. Introduction to Physical Anthropology and Prehistory Laboratory (1). Corequisite: ANT 2511. The laboratory provides students with 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 patterning is then contrasted with the social categories of race. The final section of the course covers the history of the concept of race, 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 fundamentals course provides an overview of objectives, field strategies, basics of laboratory analysis, interpretative approaches to the record, and what the threats to archaeological/cultural resources are. This includes a brief overview of the history of archaeology and the changes that have occurred to examine archaeological evidence. An emphasis is placed upon developing an understanding of the fundamental objectives and methodologies used in modern anthropological archaeology.

ANT 3141. World Prehistory (3). This course outlines the major events in human cultural and social evolution and includes a brief presentation of general archaeological methods and objectives. The course focuses on the evolution of civilization in the Middle East, Europe, China, Africa, and the Americas.

ANT 3212. Peoples of the World (3). A survey of the world’s cultures by major geographic regions. The purpose is to familiarize the student with the range and variety of the human condition and at the same time instill in the student a respect and admiration for humanity’s literature, lectures, readings, and visual materials are utilized.

ANT 3250. Introduction to Forensic Anthropology (3). Prerequisite: ANT 2511. This course is an introduction to forensic anthropology as a scientific discipline within the field of anthropology, examining what happens to a body immediately after death, the process of decomposition, and taphonomic changes. The course also examines what is required of a forensic anthropologist of such a body from search to documentation, collection, processing, and lab analysis.

ANT 3610. Language and Culture (3). An introduction to and examination of human language, its relation to perception and cognition, and its role in social interaction. This will include verbal as well as nonverbal communication modes, their variety and combinatorial capacity, the evolution of language, and language usage from written and visual materials are utilized.

ANT 4034. History of Anthropology (3). Prerequisites: ANT 2100, 2410 and 2511. This is a course for majors that reviews the development of the central ideas that have shaped the emergence of anthropology as a science. The approach is critical and objective, the presentation is chronological, and the emphasis is to evaluate the scope and limitations of modern theories.

ANT 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 4153. Introduction to Underwater Archaeology (3). Prerequisite: ANT 2100. A survey of the theories, methods and problems of underwater archaeology, with attention given to the types of investigations and environments in which underwater archaeology is conducted and to the field’s particular contributions to anthropology.

ANT 4134. Nautical Archaeology of the Americas (3). Prerequisite: ANT 2100. Students will study human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on a variety of cultures and watercraft built or used in the Americas.

ANT 4135. Nautical Archaeology: Global View (3). Prerequisite: ANT 2100. In this course, students will study human interaction with bodies of water, particularly in the maritime environment. Illustrated presentations, readings, and discussions focus on variety of cultures and watercraft built or used in the Americas.

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 through 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 complex societies, as well as the nature of state origins, using a comparative method involving ecological, economic, and social approaches to investigate the origins, collapse, and sustainability of complex societies.

ANT 4155. North American Archaeology (3). Prerequisite: ANT 2100. This course examines the prehistory of North America from the earliest big-game hunters who exploited 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. Investigates the development of high civilization in ancient Mesoamerica. Evidence is drawn from archeology, art, architecture, ethnohistory, and ethnoarchaeology.

ANT 4166r. Regional Civilizations in Ancient Mesoamerica (3). Prerequisite: ANT 2100 and ANT 4163. Each topic focuses on a regional civilization of ancient Mesoamerica (such as Maya, Olmec, or Mixtec). Aspects of prehistoric society covered include subsistence systems, trade, social and political organizations, ideology, calendars and astronomy, religion, mortuary practices, and art. A mini-course is seminar with presentations, research reports, and discussion. May be repeated to a maximum of nine (9) semester hours.

ANT 4167. Maya Hieroglyphic Writing (3). This course presents the principles of classic Maya hieroglyphic writing, its history, and methods of its decipherment. Classic Maya hieroglyphic writing is presented in a survey of monumental texts from selected sites.

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 covers methods in reconstruction of past economic behavior/diet. It includes lab work in identification and analysis of faunal remains.

ANT 422Tr. Topics in PreColumbian Art and Iconography (3). This course focuses on major PreColumbian art traditions, as evidenced in the material culture. Attention is paid to the evolution of technology and the socio-cultural contexts of ancient societies. Topics include Classic Maya, Paracas, Moche, Mixteca-Pueblo, Central Mexican art and iconography. May be repeated, when topics vary, to a maximum of nine (9) semester hours.

ANT 4241. Anthropology of Religion (3). The cultural conceptions of supernatural reality, with emphasis on comparative understanding of myth and ritual, the religious experience, and religious evolution and revitalization movements.

ANT 4242. Symbol and Ritual (3). Prerequisite: ANT 2410. This course is an introductory exploration of symbolic approaches in anthropology and the study of ritual. It critically analyzes how 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 perspective of political, economic, and cultural anthropology, 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. Sex roles in anthropological perspective with emphasis on data from anthropology and ethnology. Special emphasis on the interaction of sex roles by anthropologists in the field.

ANT 4309. Conquest of the Americas (3). This course examines the conquest of the Americas. It explores the arts of domination, power, and resistance and specific historical encounters where such arts are employed.

ANT 4323. Peoples and Cultures of Mexico and Central America (3). Provides an overview of Mexico and Central America and the multiplicity of cultural and linguistic groups within the developing modern nations from an anthropological viewpoint. Discusses cultural, historical, and modern systems, including the pre-Hispanic period and the history of warfare. Particular emphasis is placed upon cross-cultural applications.

ANT 4337. Peoples and Cultures of Amazonia (3). This course explores problems of similarity, difference, diversity, and nature/culture in Amazonia. It addresses the contextual problem of what one culture ends and another begins with regard to Amazonian peoples. Topics include regional networks of trade, similar knowledge systems, shamanism, rainforest ecosystems, and social organization.

ANT 4352. Peoples and Cultures of Africa (3). A survey of African peoples and cultures, emphasizing the sub-Saharan region. Topics to be studied include geography, prehistory, history, religion, political economy, kinship, gender, and marriage. Contemporary issues in the anthropology of Africa.

ANT 4363. Japanese Society and Culture (3). This course is intended to be an anthropological introduction to Japan. It aims to clarify the origins of Japanese culture and people, to examine their cultural history and its impact on the present, and to acquaint students with contemporary Japan. It also aims 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. It includes an examination of kinship systems, their 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, primatology, developmental 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. Introduces the substantial scholarly literature on the behavior and ecology of free-ranging prosimians, monkeys, and apes. Anthropological applications of recent findings will be emphasized.

ANT 4553. The Great Apes (3). Prerequisite: ANT 2511 or instructor permission. Focuses on the behavior and ecology of the large-bodied, non-human hominoids: chimpanzees, bonobos, gorillas, and orangutans. Introduces the complexities involved in using this evidence to draw conclusions about human evolution.

ANT 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. Sociolinguistics (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, bi- and multilingualism, and literacy and language planning, as featured in case studies from around the world.

ANT 4824. Anthropological Fieldwork: Archaeology (9). Prerequisite: ANT 3101. This course trains students in the principles and methods of archaeological fieldwork, including research strategy development, recovery, recording and controls, sampling strategy, mapping, surveying, laboratory analysis, quantification, and report preparation. This is an 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 (12) semester hours.

ANT 4914r. Honors Work (1–3). May be repeated to a maximum of nine (9) semester hours.

ANT 4930r. Special Topics in Anthropology (1–3). Specialized subjects and topics in anthropology. Topics may vary. May be repeated to a maximum of nine (9) semester hours when topics vary. May be repeated in the same semester.

LIN 4030. Introduction to Historical Linguistics (3). This course is designed to familiarize students with the world language families, notion of relatedness, sound correspondence, comparative method, internal reconstruction, and the reconstruction of the Proto-Indo-European languages. Several theories of sound change are also discussed.

LIN 4040. Introduction to Descriptive Linguistics (3). This course attempts to develop an understanding of the organization of language, to provide tools and techniques for describing language data, and to examine various models of linguistic description.

Graduate Courses

ANG 5091. Seminar in Research Methods (3).
ANG 5115. Seminar in Archaeology (3).
ANG 5116. Regional Analysis in Archaeology (3).
ANG 5117. Core Seminar in Archaeology (3).
ANG 5124. Archaeobotany (3).
ANG 5129. Wetlands Archaeology (3).
ANG 5134. Nautical Archaeology of the Americas (3).
ANG 5137. Nautical Archaeology: Global View (3).
ANG 5145. Origins of Complex Society (3).
ANG 5155. Anthropology of the Southeastern United States (3).
ANG 5172. Historic Archaeology (3).
ANG 5194r. Analysis and Interpretation of Archaeological Research (3).
ANG 5196. Public Archaeology (3).
ANG 5240. Anthropology of Religion (3).
ANG 5262. Symbol and Ritual (3).
ANG 5246. Contemporary Folk Religion (3).
ANG 5266. Economic Anthropology (3).
ANG 5275. Human Conflict: Theory and Resolution (3).
ANG 5309. conquest of the Americas (3).
ANG 5352. Peoples and Cultures of Africa (3).
ANG 5426. Kinship and Social Organization (3).
ANG 5471. Technology and Social Change (3).
ANG 5478. Cultural Evolution (3).
ANG 5491r. Seminar in Social Anthropology (3).
ANG 5493. Core Seminar in Culture Anthropology (3).
ANG 5511r. Seminar in Physical Anthropology (3).
ANG 5513. Core Seminar in Physical Anthropology (3).

ANG 5580. Biocultural Adaptation and Paleodemography (3).
ANG 5581. Method and Theory in Human Biology (3).
ANG 5582. Linguistic Prehistory (3).
ANG 5583. Ethnopoetics (3).
ANG 5675. Core Seminar in Linguistic Anthropology (3).
ANG 5677r. Seminar in Linguistic Anthropology (3).
ANG 5737. Medical Anthropology (3).
ANG 5824r. Anthropological Fieldwork: Archaeology (1–9).
ANG 5901. Field Methods in Cultural Anthropology (3).
ANG 5905r. Directed Individual Study (1–3). (S/U grade only.)
ANG 5906r. Directed Individual Study (1–3).
ANG 5910r. Supervised Research (1–3). (S/U grade only.)
ANG 5940r. Supervised Teaching (1–3). (S/U grade only.)
ANG 5942r. Internship in Museum Studies (3–9).
ANG 5971r. Master's Thesis (1–6). (S/U grade only.)
ANG 5976. Master's Thesis Defense (0). (S/U grade only.)
ANG 6484. Cultural Analysis (3).
ANG 6907r. Directed Independent Study (1–3).
ANG 6908r. Directed Independent Study (1–3).
ANG 6930r. Advanced Seminar in Anthropology (3).
ANG 6980r. Dissertation (1–12).
ANG 8964. Doctoral Qualifying Examination (0).
ANG 8966r. Master's Comprehensive Examination (0).
ANG 8985. Defense of Dissertation (0).
ANG 5110. Seminar in Archaeological Method and Theory (3).
ANG 5163. Regional Civilizations in Ancient Mesoamerica (3).

**APPLIED POLITICS:**

see Graduate Bulletin

**ARABIC:**

see Modern Languages and Linguistics

**ARCHAEOLOGY:**

see Anthropology
Department of 
ART

College of Visual Arts, Theatre & Dance
Chair: Joe Sanders; Professors: Blakely, Garcia-Roig, Messersmith, Roche, Rubini, Sanders, Stewart, Williams; Associate Professors: Hanessian, Lindblom, Roberson, Rutkowsky; Assistant Professors: Baade, Bookwalter, Ebby, Mann, Mundy, Rushin; Assistants in Art: Mitchell, Stagg; Professors Emeritus: Bell, Fichter

The Department of Art offers diverse opportunities for creative development and expression, provides instruction in the skills necessary for artistic creation, and guides students to understanding of contemporary issues in the visual arts in an academically challenging environment. The department is committed to excellence in all programs and strives to combine curricular flexibility and a rigorous mix of experiences with opportunities for serious, focused study in art and design. The department benefits from the Museum of Fine Arts (MOFA) for student and faculty exhibitions. Additionally, the department serves as a resource to the rest of the University, providing exhibitions, visiting artist lectures, and foundation courses for related programs.

The Department of Art offers an undergraduate degree program leading to the Bachelor of Arts (BA) degree in studio art. The comprehensive, limited-access degree programs in art and design include a Bachelor of Fine Arts (BFA) degree in either studio art or design. Graduates may pursue studies in either a studio or a design area that leads to the Master of Fine Arts (MFA) degree. Course selection encompasses history, theory, and practice. Studies may include ceramics, electronic media, design, drawing, installation, painting, photography, printmaking, and sculpture. Depending upon personal development, students may choose to work in a variety of media or to concentrate in an area of interest. Each degree program mandates specific entry requirements, a certain sequence of courses, and graduation requirements. Information on each program beyond that explained in this General Bulletin is available through the Department of Art academic adviser.

Since the major requirements for studio art and design are currently being reviewed, students entering the department should inquire for specific details regarding major requirements or visit the department’s Web site at http://www.fsu.edu/~art/.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in studio art satisfy this requirement by earning a grade of "C-" or higher in CGS 2060, CGS 2064, ART 1602C, or ART 4926C. Undergraduate majors in graphic design satisfy this requirement by earning a grade of "C-" or higher in ART 1602C or ART 4926C.

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/navigation/detail_ext/cpp_intro.do?pageId=060304 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:

Studio/Fine Art
1. ART X201
2. ART X202 or ART X203
3. ART X300
4. ART X301
5. ARH X050
6. ARH X051
7. ART XXX or PGY XXXX: six to nine (6–9) credit hours of introductory media courses with a maximum of two (2) photography courses allowed

Graphic Design
1. ART X300
2. ART X201
3. PGY X401
4. ARH X050 or ARH X051

Note: Although optional, students are encouraged to include two to four (2–4) of the following six courses: ARH X050, ARH X051, ART X203, ART X301, GRA XXXX (Computer Graphics), or GRA XXXX (Graphic Design).

Undergraduate Programs

Admission and Readmission

Since the requirements for admission to the major in studio art and design are currently being reviewed, students entering the department should inquire for specific details regarding major requirements, or visit the department’s Web site at http://www.fsu.edu/~art/pages/programs/undergraduate/.

Students who apply for readmission to the department must meet the art or design degree requirements listed in the General Bulletin that is current at the time of readmission.

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 or design. 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. Students must maintain a minimum 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, s/he is placed on probation for the following semester. If the student’s grade or GPA falls 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, particularly in drawing and design, by the end of the sophomore year. The requirements for foundations are currently being reviewed. Entering students should contact the department for specific details regarding foundations requirements.

Mission

The Art Foundations Program provides beginning art students with the fundamental skills, knowledge, and experiences essential to their further development as visual arts professionals.

Philosophy

In the Foundations Program, students are encouraged to expand their technical skills, develop their critical judgment, explore interdisciplinary connections, refine their personal goals, and increase their understanding of contemporary art and design. Inventive concepts are used to fuel development of compelling composition and constructions. The curriculum provides the basis on which the BA and BFA programs are built in the art department and also provides fundamental coursework for the BS in art education.

Note: Students are required to complete State of Florida Common Program Prerequisites as listed above.

Required Foundations Courses

(Foundation for all art majors)

The following list of courses must be taken as prerequisites for all other art courses to currently be being reviewed. Entering students should contact the department for specific details regarding foundations requirements.

ART 1000 Success Strategies (1)
ART 1201C Two-Dimensional Foundations (3)
ART 1203C Three-Dimensional Foundations (3)
ART 1300C Drawing Foundations (3)
ART 1602C Digital Imaging Foundations (3)
Art 2330c. Figure Drawing Foundations (3).

Note: Prior to applying to the BFA program in graphic design, all students must take GRA 2190 Graphic Design I, and DIG 3025 Design History and Theory.

The Bachelor of Arts Degree in Studio Art

The Bachelor of Arts (BA) degree in studio art is a fundamental liberal arts program totaling one hundred-sixteen semester hours. Requirements are as follows: liberal studies, thirty-six semester hours; completion of the foundations program, nineteen 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 semester hours of additional humanities over and above the basic liberal-studies requirement.

Bachelor of Fine Arts Admission Application

Upon completion of the nineteenth semester hours in the foundations program, (Design requires an additional six semester hours of Design) application for the Bachelor of Fine Arts (BFA) degree is by portfolio review by the faculty. Admission to the program is highly selective. Students are required to have an acceptable GPA in all major requirements. The admission 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. Students may attempt admission to the BFA program a maximum of two times in the department, in any combination of Studio Art and/or Design.

The Bachelor of Fine Arts Degree in Studio Art

The Bachelor of Fine Arts (BFA) in studio art is a limited access, one hundred-eighteen semester-hour program. It differs from the BA degree in that it provides the graduate with a more intensive background in professional skills and theoretical knowledge. The BFA degree seeks to develop in graduates an informed personal vision, a high level of 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 nineteen semester hours in the foundations program, application for the BFA degree is by faculty portfolio review. 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 nineteen 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. Students admitted to the BFA program are exempt from the language requirement. They are required to maintain a 3.0 grade point average (GPA) in art and art history courses. 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 show. The BFA adviser can provide additional guidance regarding entrance and specific degree requirements.

The Bachelor of Fine Arts Degree in Design

The Bachelor of Fine Arts (BFA) in design is a limited access, one hundred-eighteen semester-hour program. It differs from the Bachelor of Arts (BA) degree in that it provides the graduate with a more intensive background in professional skills and theoretical knowledge. Upon completion of the nineteen 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 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 nineteen semester hours of foundation; fifty-one semester hours in the foundations program, nineteen 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 semester hours of additional humanities over and above the basic liberal-studies requirement.

Graduate Program

The Master of Fine Arts Degree

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

Art 2630c. Survey in African-American Art (3). This course surveys special topics in African-American art and aesthetics. We will explore power dynamics, social protest, artistic accommodation, criticism, perception, content, and motivation as historical and contemporary influences on and in African-American art.
Art 3949r. Cooperative Education Work Experience (0). (S/U grade only.) Internships in a variety of work situations are available. These internships are selected by the faculty to broaden the students' skills and flexibility as artists.
PGY 2100c. Photography for Non-Art Majors (3). An introduction to camera operation and image making, with discussion of contemporary and historical work. Emphasis on 35mm slide projects rather than printing techniques. (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 and design to increase first-year student success, introduce departmental concentrations, and explore career possibilities.
Art 1201c. Two-Dimensional Foundations (3). 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). 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). Demonstration, discussions, and slide/film presentations explore the way artists work in a broad range of media. Emphasis on visual perception and basic art making.
Art 2130c. Beginning Fiber/Fabric Design (3). Prerequisites: ART 1201C and ART 1300C. This is an introductory survey of fabric design. Traditional and contemporary applications of fabric are discussed. Nonwoven techniques, resist dying, and basic weaving are explored.
Art 2205. 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 addresses the technical and conceptual skills learned in Drawing I. Artistic expression and communication through drawing in both black and white and color media.
Art 2330c. Figure Drawing Foundations (3). Exploration of the anatomical and conceptual complexities of the human form.
Art 2400c. Fundamentals of Printmaking: Relief (3). Prerequisites: ART 1201C and ART 1300C. An introduction to relief printing in wood block, linoleum block, and collagraph and photolithography.
ART 2441C. Fundamentals of Printmaking: Etching (3). Prerequisites: ART 1201C and ART 1300C. An introduction to intaglio printing with line etch, aquatint, and softground using non-toxic substances. The student learns craftsmanship and techniques through historical examples and technical demonstrations.

ART 2500C. Painting I (3). Prerequisites: ART 1201C and ART 1300C. An introduction to personal expression in painting medium; emphasizes color, composition, and painting techniques through historical examples and technical demonstrations.

ART 2501C. Painting II (3). Prerequisite: ART 2500C. Development of skills/methods of collecting and considering images, along with in-depth study of painting techniques. Discussion of related contemporary and historical examples.

ART 2600. Introduction to Digital Imaging (3). Prerequisites: ART 1201C and ART 1300C. Corequisite: GRA 2190C. Beginning training in digital arts and graphic design.

ART 2701C. Sculpture I (3). Prerequisites: ART 1201C and ART 1300C. Introduction to basic sculptural processes of fabrication, carving, modeling, and casting. Emphasis on developing ideas through analytical responses to assignments.

ART 2752Cr. Wheel Throwing (3). This is a first course in which the student learns to throw on the potter’s wheel. From the basic cylinder, the student learns to form a pitcher, covered jar, and other functional shapes. Some alteration of thrown forms is also covered. Experience with clay and glazing is helpful but not required. This course may be repeated to a maximum of nine (9) semester hours, with requirements increasing in difficulty each time.

ART 2893r. Contemporary Art Seminar (1). (S/U grade only.) This is a lecture and discussion course conducted by studio faculty. It provides students with insight into the current work by resident faculty and visiting artists. May be repeated to a maximum of three (3) semester hours.

ART 3333C. Figure Drawing II (3). Prerequisites: ART 1300C and ART 2330. This course explores the anatomical, conceptual, and expressive complexities of the human form.

ART 3360. Experimental Drawing (3). Prerequisites: ART 1300C 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. An introduction to the basic lithographic techniques of gravure, drawing, etching, and printing.

ART 3542C. Watercolor (3). Prerequisites: ART 1201C, ART 1203, and ART 1300C. An introduction to transparent watercolor techniques through lectures and visual aids which demonstrate its possibilities.

ART 3710C. Sculpture II (3). Prerequisite: ART 2701C. Allows continued experience in more complex three-dimensional techniques; emphasis on individual projects and conceptual approach.

ART 3764C. Beginning Ceramics (3). Prerequisites: ART 1201C, ART 1203, and ART 1300C. This course explores the processes and fundamental glazing techniques. Emphasis is on the development of a high degree of technical proficiency and a keen sense of form in ceramic mediums.

ART 3930r. Special Topics in Art (1–3). (S/U grade only.) Faculty develops topics of importance to students’ interests and needs. May be repeated to a maximum of three (3) semester hours.

ART 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 II (3). Prerequisite: ART 3333C. This course offers extensive development of figurative imagery, concepts, and presentation strategies in support of personal aesthetic development.

ART 4382C. Advanced Experimental Drawing (3). Prerequisite: ART 3380C. This course offers an advanced exploration of drawing as research, concept, communication, and collaboration.

ART 4800. Criticism Seminar (3). Aspects of contemporary art scene, galleries, and markets. Stress on developing portfolio/resume, critical attitude, and skills necessary for presenting work.

ART 4905r. Directed Individual Study (3–9). May be repeated to a maximum of nine (9) semester hours.

ART 4943c. Internship in Creative Art (1–12). (S/U grade only) Prerequisites: Core program and “B” average in all related courses. Preference given to seniors. Internships in a variety of work situations. Must be approved by department chair. May be repeated to a maximum of twelve (12) semester hours.

ART 4981r. Honors Work (3). May be repeated to a maximum of twelve (12) semester hours.

DIG 3025. Design History and Theory (3). Prerequisites: ART 1201C, ART 1203, ART 1300C, ART 2003C, ART 2301C, and ART 2330C. This course examines the historical development of design styles and techniques and their influences on contemporary culture.

GRA 2190C. Graphic Design Introduction (3). Prerequisites: ART 1201C, ART 1300C, and ART 1602C. Corequisite: DIG 3025. This course is a continuation of the basic concepts introduced in Fundamentals of Graphic Design. Topics include iconography, signs and symbols, and two-dimensional and three-dimensional compositions. These problems extend the methodology 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 communication level as a message carrier.

GRA 3193C. Graphic Design III/Production (3). Prerequisite: GRA 2190C. This course explores the design process by solving specific design problems in video and sound, going from conceptualization to refinement and final implementation.

GRA 4108. Contemporary Design Seminar (3). Prerequisite: Admission to BFA program. This course is intended to develop knowledge of the historical and social forces that have shaped and continue to shape art and design in contemporary culture. The course continues to extend the methodology and conceptualizing/problem-solving skills of design.

PGY 2401C. Photography I (3). Prerequisites: ART 1201C, ART 1203, ART 1300C, ART 1602C, and PGY 2941C. This course offers a study of photography as a creative means of expression. Topics include 35mm technology and fine black-and-white printmaking.

PGY 2941C. Digital and Photographic Imaging (3). Prerequisite: ART 2501. This course introduces students to lens-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 2401C. Photography as a fine art. Students develop a series of portfolios of images based on their personal vision and understanding of the medium.

Media Workshops

Media Workshops

Note: The media workshops allow students to pursue intensive technical studies in one specific medium under the appropriate instructor. Workshops serve as an extension of intermediate courses in corresponding media.

ART 4921Cr. Media Workshop: Painting (3). Prerequisites: ART 2501C.2510C. Independent studies under painting instructors; emphasis on competence in medium and development of individual solutions to problems. May be repeated to a maximum of twelve (12) semester hours.

ART 4922Cr. Media Workshop: Sculpture (3). Prerequisites: ART 2701C and, for the clay sculpture workshop only, ART 3110C. Intensive studies under sculpture instructors; study of competence in the following areas: casting in nonferrous metals, steel fabrication techniques, woodworking and landscape sculpture planning and production, and clay sculpture workshop. May be repeated to a maximum of twelve (12) semester hours.

ART 4923Cr. Media Workshop: Printmaking (3). Prerequisites: College courses in fundamentals of printmaking series and, for the photo-silkscreen and photo-lithography workshops only, PGY 2401C. Advanced techniques of silkscreen, relief printing, etching, and lithography, as well as photo-silkscreen, relief printing, and papermaking, depending on appropriate instructor. May be repeated to a maximum of twelve (12) semester hours.

ART 4924Cr. Media Workshop: Photography (3). Prerequisites: PGY 2401C and PGY 3410C. Various areas of photographic study, including nonsilver and advanced silver printing techniques, offset lithography, and conceptual approaches to image making. May be repeated to a maximum of twelve (12) semester hours.

ART 4925Cr. Media Workshop: Design Production and Image (3). Prerequisites: ART 2230C, ART 3232C, and ART 3233C. Intensive studies in intermediate graphic design. May be repeated to a maximum of twelve (12) semester hours.

ART 4925Cr. Media Workshop: Typography (3). Prerequisites: ART 2230C, ART 3232C, and ART 3233C. Intensive studies in intermediate graphic design issues dealing with typography. May be repeated to a maximum of twelve (12) semester hours.

ART 4925Cr. Media Workshop: Print Design (3). Prerequisites: ART 2230C, ART 3232C, and ART 3233C. Advanced workshop in graphic design dealing with production and image production techniques. May be repeated to a maximum of twelve (12) semester hours.

ART 4926Cr. Media Workshop: Electronic Imaging (3). Corequisite: GRA 2190C. Electronic imaging, video, computer graphics, animation. May be repeated to a maximum of twelve (12) semester hours.

ART 4927Cr. Media Workshop: Metals (3). Prerequisite: ART 2701C. Includes sculptural methods and metal forming in a more expansive and versatile approach. May be repeated to a maximum of twelve (12) semester hours.

Advanced Workshops

Advanced Workshops

Note: The advanced workshops continue the intensive level of study of the media workshops while providing students with more flexibility. Under this workshop system, a student may work with any instructor, regardless of media affiliation, in any area of study. Instructors are designated by section number. Each course may be repeated to a maximum of twenty-seven (27) semester hours. Prerequisites for all advanced workshops include the following founda-

ART 4928Cr. Advanced Workshop (3). This is a tutorial course available only to BFA and BABS students. May be repeated to a maximum of twenty-seven (27) 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 is a tutorial course available only to BFA and BABS students. May be repeated to a maximum of twenty-seven (27) 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: Print Design (3).
ART 4929Cr. Advanced Workshop: Sculpture (3).
ART 4929Cr. Advanced Workshop: Web Design (3).

ART 4930Cr. Advanced Workshop (3). Critical issues in contemporary art. The course will vary each semester and will cover topics of critical significance in 20th-century contemporary art. This is a seminar course open only to BFA students. May be repeated for a maximum of twenty-seven (27) semester hours.

ART 4931r. Instruction in Advanced Technical Problems (3–6). May be repeated to a maximum of six (6) semester hours.

Art Related Courses

Note: Some University courses are designated art related and may be accepted toward the BFA degree with written approval from the director of the 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).
ART 5934r. Contemporary Art Seminar (1). (S/U grade only.)

Graduate Workshops

ART 5410. Graduate Printmaking (3).
ART 5790. Graduate Ceramics (3).
ART 5898. Art, Technology, and Critical Theory (3).
ART 5927Cr. Graduate Workshop (1–4).
ART 5928Cr. Graduate Workshop (1–6).
ART 5929Cr. Graduate Workshop (4).
ART 5937r. Graduate Instruction in Advanced Technical Problems (4–8).
ART 5940r. Supervised Teaching (1–3). (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).
Requirements for a Major in Art Education

Note: Currently, the faculty is reviewing major requirements. Students interested in a major in art education should contact the department for the most current requirements.

Admission to the four-year program in art education and to student teaching leading to the baccalaureate degree requires a 2.5 overall grade point average (GPA) and a 3.0 in art courses. Twenty-one (21) semester hours in art and/or art history must be completed before entering the core art education program. Also, the student must take and pass the CLAST exam or 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 course work must also be completed prior to student teaching.

The core program in teacher certification includes course work in: theory and practice I and II, aesthetics of art and visual culture, human development and learning in art, portfolio, art with special populations, and student teaching. In addition, students must take both a specified reading course and a specified ESOL course in the College of Education. Computer literacy is a state requirement for teaching, which may be satisfied by taking a computer graphics course in the department. Additional courses in women’s studies, museum education, and special topics courses may be offered to fulfill program requirements. Admission to art education is in the junior year 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 course work beyond that described above. The required (12) semester hours may be chosen from courses determined in consultation with an adviser. Students in the pre–art therapy track are placed in schools with special needs students for student teaching. No minor is offered in art education.

Students may elect the Community Service Track, which is designed for the student who is interested in community service and the arts including museums, art centers, or other arts agencies. The Community Service Track requires that the student take all required courses for certification with the exception of Student Teaching. In lieu of student teaching, the student conducts a full-time internship in a community arts organization. Unlike the Art Education Certification Program and the Pre-Art Therapy Track, students in the Community Services Track will not be certified to teach in a public school. Service learning hours can be awarded for the Community Service Track internship.

Arts and Community Practice Certificate Program

The certificate program in the arts and community practice is designed for undergraduate and graduate students who wish to develop a focused concentration on the application of the arts to community development. This is inclusive of groups and families and addresses all stages of human development. Particular attention will be given to prevention, enrichment, and response to social concerns.

Program requirements are based on the integration of the theoretical and practical aspects of dance, art education/therapy, and community-based generalist/clinical social work. Requirements include coursework in art education/therapy, dance, and social work totaling at least twelve 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). 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. In this course, students develop an understanding of the concepts needed for teaching studio, art history, art criticism, and aesthetics, and develop the skills for developing curriculum in these areas for both elementary and secondary schools. Observation in the public schools is required.

ARE 4144. Human Development and Learning in Art (3). Prerequisite: Admission to the Art Education Teacher Certification program. Corequisite: ARE 4042. This course provides a theoretical foundation for understanding what children know and learn through artistic inquiry and expression. The course emphasizes practical application of this knowledge to curriculum development and lesson planning. Observation in the public schools is required.

ARE 4294. Art Museum Education (3). Prerequisite: ARE 4930. Building on 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 emphases are on the development of visual technological literacy through practice and adaptation of computer processes, including the use of graphic software and Web site design for teaching and learning in art.

ARE 4550C. Art Therapy/Special Populations (3). Definitions of art therapy, the development of the discipline, the exploration of special populations, human relations, and the related concepts in art education and art therapy.

ARE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

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

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

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

ARE 4950. Portfolio in Art Education (3). Prerequisites: ARE 4042, ARE 4043, ARE 4143, ARE 4144, ARE 4392, and ARE 4550C. Corequisite: ARE 4940. Taken in conjunction with student teaching, students document their progress in mastering the 12 Accomplished Practices by preparing professional portfolios for both the elementary and secondary art teaching levels.

Graduate Courses

ARE 5046. Theory and Practice I (3).
ARE 5047. Theory and Practice II (3).
ARE 5145. Human Development and Learning in Art (3).
ARE 5245. Curriculum and Programs (3).
ARE 5253. Art in Community Service (3).
ARE 5258. Museum Education (3).
ARE 5262. Administration of Art Programs (3).
ARE 5295. Art Museum Education (3).
ARE 5304. Art in Childhood Education (3).
ARE 5382. Introduction to Counseling for Art Therapists (3).
ARE 5460. Therapeutic Use of Art Materials (3).
ARE 5551. Art Therapy and Group Counseling (3).
ARE 5552. Assessment for the Practice of Art Therapy (3).
ARE 5555. Advanced Art Therapy (3).
ARE 5556. Using Personal Symbols in Therapy (3).
ARE 5557. Interpretation of Symbols in Art Therapy (3).
ARE 5640. Ethics and Professional Issues (3).
ARE 5641. Critical Analysis (3).
ARE 5649. Theories of Art Therapy (3).
ARE 5665. Managing the Arts Organization (3).
ARE 5745. Research Survey (3).
ARE 5865. Arts Administration in the Public Sector (3).
ARE 5906r. Directed Individual Study (1–3).
ARE 5910r. Supervised Research (1–5). (S/U grade only.)
ARE 5930r. Special Topics in Art Education (1–3).
ARE 5934r. Special Topics: Art Therapy Issues (1–3).
ARE 5935r. Seminar: Current and Comparative Studies in Art Education (3).
ARE 5940. Supervised Teaching (3). (S/U grade only.)
ARE 5940L. Field Studies (1–3). (S/U grade only.)
ARE 5941. Practicum I (3).
ARE 5942. Practicum II (3).
ARE 5943. Practicum III (3).
ARE 5944r. Field Laboratory Internship (1–9). (S/U grade only.)
ARE 5950. Portfolio in Art Education (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Art History  175

Department of ART HISTORY

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: Richard K. Emmerson; Professors: Emmerson, Gerson, Nasgaard, Neuman; Associate Professors: Bearor, Freiberg, Weingarden; Assistant Professors: Carrasco, Jolles, Jones, Leitch, Curator: Hudson; Professors Emeriti: Bosch (deceased), Draper (deceased), Mason (deceased), Rose, Teilhet-Fisk (deceased); Courtesy Professors: de Grammont, Palladino-Craig, Pfaff, Pullen, Stone

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 Asian art; Islamic art; Pre-Columbian art; Early Medieval and Byzantine art; Romanesque and Gothic art; Italian and Northern European Renaissance, painting, sculpture, and architecture; Baroque and 18th-century art and architecture; modern architecture; 19th- and 20th-century art and criticism; American 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 as well as a digital server containing over 50,000 images. Additionally, the Patricia Rose Library includes over 1,150 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 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 City Museum of Tallahassee. 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 program in London. Students may gain archaeological experience at the Florida State University excavation at the Etruscan site of Cetamura in Chianti and at the site in Poggio delle Civitelle at San Venanzo.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in art history satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, CGS 2100, or ARH 1602C (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/navigations/detail_list/cpp_intro.do?pageid=060304 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
2. ART X300
3. ARH X050
4. ARH X051
5. XXX XXXX: nine to twelve (9–12) credit hours of a foreign language

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 Honor Societies” chapter of this General Bulletin.

Minor in Art History

A minor in art history requires fifteen semester hours of course work in the department. The student may choose any five art history courses in completing this requirement.

Minor in Museum Studies

A minor in museum studies requires fifteen 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). Thematic approach to the understanding and appreciation of works of art.

ARH 2581. Survey of “Tribal Arts” Past and Present (3). This course will study the non-Western arts as tools for interacting with other people, or with environmental or universal forces.

ARH 2630C. Survey in African-American Art and Aesthetics (3). This course surveys special topics in African-American art and aesthetics. We will explore power dynamics, social protest, artistic accommodation, criticism, perception, content, and motivation as historical and contemporary influences on and in African-American art.

ARH 3056. History and Criticism of Art I (3). Introductory survey from prehistoric through late-Medieval art history.

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

ARH 3110. Survey of Greek Art and Archaeology (3). Review of the major accomplishments in Greek art from early times up to and including the Hellenistic period through a survey of principal monuments, works, and archaeological evidence.

ARH 3110. Art and Archaeology of Ancient Italy (3). A survey of Italian art and archaeology including early Italy, the Etruscans, and Rome with reference to the major monuments, works, and archaeological evidence.

ARH 3530. The Arts of Asia (3). A general introduction to the visual arts of Asia, covering primarily India, central Asia, China, and Japan. The course is organized along the historical timeline, 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). Prerequisites: ARH 3056, ARH 3057, and twelve (12) prior credit hours in upper-level art history. Undergraduate seminar in art history with changing topics. May be repeated to a maximum of twelve (12) 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 object is 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. SpecialTopics (1–3). (S/U grade only.) May be repeated to a maximum of six (6) semester hours.
Prerequisite: ARH 3056 or instructor permission.

ArH 4110. Art and Archaeology of the Bronze Age in the Aegean (3). A study of the major archaeological evidence related to the Bronze Age in Crete and Greece; the major sites and their monuments will be discussed. 

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

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

ArH 4131. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3). Survey of the accomplishments of classical Greek art through an examination of the monuments, works, and other arts of the period.

ArH 4151. Art and Archaeology of the Early Roman Empire (3). Roman art and archaeology from Augustus through the Antonines with a survey of the major artistic accomplishments and the archaeological remains.

ArH 4154. Archaeology of the Late Roman Empire (3). This course comprises a study of Roman art and archaeology from the second to sixth century CE with emphasis on important sites and monuments.

ArH 4173r. Studies in Classical Archaeology and Art (3–9). Studies in specific aspects of the archaeology and art of Greece and Italy. May be repeated to a maximum of nine (9) semester hours.

ArH 4210. Early Christian and Byzantine Art (3). Prerequisite: ARH 3056 or instructor permission. Course begins with the first manifestations of Christian art and covers audiences, patronage, and the problems of the representation of religious ideas. Arts discussed include Roman catacombs, mosaics of Ravenna and Sicily, sacred spaces of martyria and churches, icons of Rome and Constantinople, and late and luxurious court arts of Byzantium.

ArH 4221. Early Medieval Art (3). Prerequisite: ARH 3056 or instructor permission. Considered the development of the uses of art in the European Middle Ages, from the Barbarian metal work to the acceptance of the classical tradition, to the first mature pan-European art of Romanesque architecture and sculpture. Topics of special interest include pilgrimage, imperial imagery, manuscripts, and monasteries.

ArH 4230. Later Medieval Art (3). Prerequisite: ARH 3056 or instructor permission. Generally the course includes the cathedrals and their sculpture built by bishops and towns, as well as the castles, sumptuous arts, and manuscripts commissioned by princes and lords. Topics of special interest include the Black Death, devotional art, civic expression, and the arts of the courts.

ArH 4304. History of Renaissance Architecture (3). Prerequisite: ARH 3057 or instructor permission. This course examines the sources and history of Renaissance architecture, including Leonardo da Vinci, Michelangelo, and Palladio. Discussion will center on how the major architectural types developed and why: churches, city palaces, public piazzas, and country villas. Particular attention will be paid to the impact of antiquity and the emergence of urban planning.

ArH 4310. Early Italian Renaissance Art: 15th Century (3). Prerequisite: ARH 3057 or instructor permission. An examination of how social and historical issues influenced the arts during the first great cultural flowering of the Renaissance in Florence, Rome, and Venice. Discussion will center on how the requirements of the patron, the vitality of local traditions, and the interaction among the arts all contributed to the creation of the new Renaissance vocabulary.

ArH 4312. Later Italian Renaissance Art: 16th Century (3). Prerequisite: ARH 3057 or instructor permission. This course examines works by the great masters of the Renaissance, including Leonardo da Vinci, Michelangelo, and Titian, against the backdrop of the social and political realities of the day. Discussion will include the role of the artist-heroes, the sources and meaning of Mannerism, and the impact of the religious controversies of the age.

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

ArH 4352. Southern Baroque Art (3). Prerequisite: ARH 3057 or instructor permission. This course investigates painting, sculpture, and architecture in Italy and Spain during the 17th century, stressing the theatrical, ecstatic, and virtuoso character of works produced for royalty, the Church, and the rising middle class by such masters as Caravaggio, Bernini, and Velázquez.

ArH 4353. Northern Baroque Art (3). Prerequisite: ARH 3057 or instructor permission. An examination of the Golden Age of painting, sculpture, and architecture in France, England, and the Netherlands, showing how such figures as Rembrandt and Vermeer encoded meaning in works of detailed realism and contributed to the rise of new subjects in the Baroque art of still life, landscape, and portraiture.

ArH 4355. 18th-Century Art (3). Prerequisite: ARH 3057 or instructor permission. A study of painting, sculpture, and architecture produced in Western Europe during the Enlightenment, with emphasis on the luxurious, sensual art of the Rococo, the rational classicism of the Palladian Revival, the new moral and philosophical image of women, and the rise of the decorative arts.

ArH 4341. Movement in Modern Art: Neoclassicism through Impressionism (3). Prerequisite: ARH 3057 or instructor permission. This course treats European art from 1780-1880, concentrating on the evolving dialogue between academic and anti-academic practices through an investigation of the relationship between theory, criticism, and techniques of representation. Topics of study include: David and Neo-classicism; British landscape painting; Delacroix and French Romanticism; Courbet’s Realism and Manet’s Naturalism; and French Impressionism.

ArH 4450. Modern European Art: Post-Impressionism through Surrealism (3). Prerequisite: ARH 3057 or instructor permission. This course covers the development of art in Western Europe and the Americas from the 19th to the mid-20th centuries. 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 will be encouraged to explore the form and functions of art in a variety of contexts, including but not limited to architecture, urban form, sculpture, painting, and performance.

ArH 4451. Arts of China (3). An introduction to the visual arts of China, covering the Neolithic to the modern period. The framework for the course is both chronological and thematic, with special emphasis on how the Chinese have viewed themselves and their world from ancient times through the 20th century. Topics include ancient China, the introduction of Buddhism, aesthetic theory and painting, and masters of landscape.

ArH 4454. Arts of Japan (3). An introduction to the visual arts of Japan, covering the ancient to the modern period. The framework for the course is both chronological and thematic, with particular focus on the relationship between culture and the visual arts. Among the topics covered are ancient Japan, Japanese aesthetics, Buddhist art, the rise of the samurai, garden architecture and tea ceremony, castle decoration, and the world of ukiyo-e.

ArH 4457. Islamic Art and Architecture, 7th - 21st Centuries (3). This course surveys the evolution of Islamic art from its origins through the 17th-70th centuries, with an emphasis on the concept of “Islamic art” from its inception to the present day. Through the concept “Islamic world” is both vague and vast, stretching from Spain to Indonesia and beyond, the course will focus on several geographic areas to explore the visual culture produced by Muslims.

ArH 4458. 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 clear understanding of both the artistic and social identities and their relevance to global issues. The course is divided into several sections, covering the development of art in these areas, with a focus on the role of art in shaping and reflecting society.

ArH 4460. U.S. Art: Centennial through Late Modernism (3). Prerequisites: ARH 3057 or instructor permission. What is “American” about our country and its art? Developing a medium, imagery, and culture during this period. Reflecting regional and multicultural responses to this and other questions of subjectivity and modernity, this course surveys painting, sculpture, architecture, photography, and material culture from 1876 to the 1950s.

ArH 4461. U.S. Art: Colonial Era to the Centennial (3). Prerequisites: ARH 3057 or instructor permission. From European images of “discovery” to conceptions of national culture presented to visitors at the Philadelphia Centennial, this course examines the development of emerging national identity as reflected and developed in the arts and material culture from the Colonial period to 1876. Course content is multicultural and includes discussions of women’s contributions.

ArH 4462. Art in America 1870–1940 (3). Prerequisite: ARH 3057 or instructor permission. Course covers American and European art from Abstract Expressionism to the present. This course examines the reactions against Abstract Expressionism and investigates late-modernist practices (e.g., Pop Art, Minimalism, Conceptualism, Earth Art, Performance Art). Topics discussed include contemporary artistic practices and the relationship between modernism and postmodernism.

ArH 4470. History of Photography (3). This course surveys the history of photography from its invention in the 1830s up to the present. It addresses the historical development of the medium both topically and chronologically, focusing on photography’s global reach and its diverse array of social functions. Topics include historical debates about the nature of art, contemporary art, photography and its place in the visual culture, and the contemporary debates on the definition of photography. The course also explores the role of photography in visual culture, and the relationship between photography and visual culture.

ArH 4471. History of Art and Architecture in the American Subcontinent, the Muslim heartland, and North Africa. This course investigates the development of architecture and art in the American subcontinent, the Muslim heartland, and North Africa. It explores the impact of European and Islamic art on the development of American architecture and art, and the role of American art in shaping the cultural landscape of the Americas.

ArH 4475. Special Topics in Art History (3). Undergraduate, upper-level lecture course in art history with changing topics. May be repeated to a maximum of twelve (12) semester hours; duplicate registration is allowed in the same term.
Graduate Courses

ARH 5076. Word and Image Studies (3).
ARH 5111. Art and Archaeology of the Bronze Age in the Aegean (3).
ARH 5119. Archaeology of Ancient Egypt (3).
ARH 5125. Etruscan Art and Archaeology (3).
ARH 5140. Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (3).
ARH 5160. Art and Archaeology of the Early Roman Empire (3).
ARH 5174r. Studies in Classical Art and Archaeology (3).
ARH 5220. Early Christian and Byzantine Art (3).
ARH 5221. Early Medieval Art (3).
ARH 5240. Later Medieval Art (3).
ARH 5321. Early Italian Renaissance Art: 15th Century (3).
ARH 5322. Later Italian Renaissance Art: 16th Century (3).
ARH 5340. Northern European Renaissance Art (3).
ARH 5360. Southern Baroque Art (3).
ARH 5361. Northern Baroque Art (3).
ARH 5363. 18th-Century Art (3).
ARH 5420. Modern European Art: Neoclassicism through Impressionism (3).
ARH 5445. Modern European Art: Post-Impressionism through Surrealism (3).
ARH 5556. Arts of Japan (3).
ARH 5558. Arts of China (3).
ARH 5575 Islamic Art and Architecture, 7th - 21st Centuries (3).
ARH 5605. Native American Arts and Architecture of the Southwest (3).
ARH 5625. American Art before 1940 (3).
ARH 5648. Art after 1940 (3).
ARH 5715. History of Photography (3).
ARH 5725. History of Graphics (3).

ARH 5797. Seminar in Museum Studies (3).
ARH 5806r. Seminar in the History and Criticism of Art (3).
ARH 5813. Seminar in the Methods of Art History (3).
ARH 5838. The Museum Object (3).
ARH 5864. Methods and Theory for the Study of World Arts (3).
ARH 5885. Introduction to Appraising Personal Property (4).
ARH 5886. Uniform Standards of Professional Appraisal Practice (USPAP) (4).
ARH 5887. Walt Disney and the American Century (3).
ARH 5907r. Directed Individual Study (1–5).
ARH 5913r. Supervised Research (1–15). (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 6936. Topics in World Arts: Seminar (3).

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

ARTS ADMINISTRATION, CENTER FOR:
see Graduate Bulletin
Program in
ASIAN STUDIES

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Director: Lee Metcalf (Social Sciences); Professors: Bowman (Public Administration and Policy), Grant (History), Kelsay (Religion), Kim (Political Science), Olsen (Music); Associate Professors: Bakan (Music), Cuevas (Religion), Enni (Religion), Garretson (History), Lan (Modern Languages and Linguistics), Liebeskind (History); Assistant Professors: Kemahlioglu (Political Science), Yasuhara (Modern Languages); Associate In: Schlenoff (Modern Languages); Visiting Assistant Professors: Ota (Art History)

The Program in Asian Studies is an international area-studies program that is designed to develop a student’s competence in the language, history, culture, and the contemporary political and economic setting of a particular country or cultural region. This area-studies program is focused on Asia, broadly defined as including East Asia, South Asia, and the Middle East. A major or minor in this program serves the needs of: (1) general liberal arts students who wish to learn more about these important areas of the world; (2) students who wish to pursue graduate work in these or related fields; and (3) students who seek employment in or related to Asia. The program also combines area- or country-specific courses that give students the needed cultural immersion with more general comparative courses that provide them with the necessary intellectual tools, concepts and theories to make sense out of their particular disciplinary concentrations. Students are to select language and thematic specializations in line with their intellectual interests and career goals and design their program of studies accordingly.

In addition to the regular major in Asian studies, the program also offers a second option designed for students who want to combine linguistic, cultural, and other relevant knowledge of Asia with business skills. Students electing this option will take a significant proportion of their course work in the College of Business. This option is intended to prepare students for a career that capitalizes on their knowledge of Asia.

The undergraduate program in Asian studies is administered through the College of Social Sciences 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 course work constitutes a minor. Students interested in either of these degree program options should consult with the director of Asian studies.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Asian studies satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

Requirements

Asian Studies Major

Students majoring in the program are to construct their study program around four components: (1) a language requirement; (2) a history requirement; (3) area-specific course work that emphasizes one of two tracks; and (4) a concepts and theories tool requirement to be fulfilled in the student’s major track. The total hour requirements for a major are a minimum of twelve semester hours in an approved area language plus an additional thirty-six semester hours beyond the liberal studies requirement (with a grade of “C–” or better in each course) distributed across the history requirement and the two tracks.

Majors must complete the basic university computer competency requirement. CGS 2060 with a grade of “C–” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu for more information.

Language Requirement

All students are required to take twelve semester hours of course work in a relevant area language (Chinese, Japanese, Arabic, or some other Asian language). Students will be encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on the campus of Florida State University or by participating in a semester- or summer-abroad program in their relevant cultural area as such programs become available. These programs should be administered by, affiliated with, or approved by Florida State University. To encourage the achievement of language proficiency, language course work hours taken beyond the twelve semester hour minimum may be counted toward the required thirty-six semester hours for the major.

History Requirement

Students are required to take a minimum of six semester hours of work in the Asian studies history courses listed below.

Major and Minor Track Requirements

Students are to select either the social science track or the arts and humanities track as the major focus of their course work. Students are to take a minimum of twelve semester hours of course work from among those area-specific courses listed for their major track and a minimum of six semester hours of course work from among those area-specific courses listed for their minor track.

Concepts and Theories Tool Requirement

For each of the two tracks a larger number of concepts and theories courses are listed from the relevant disciplines. Students are to take six semester hours of course work from among those courses listed for their major track. Students should select these courses with some care in consultation with their academic adviser. Students are encouraged to select from among history and area-specific courses to complete hours in the major although additional conceptual or theoretic courses may be used to meet required prerequisites.

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 course work, and fifteen semester hours in multinational business courses. The Asian studies course work is to be divided among the area-specific social science track courses (twelve semester hour minimum) and Asian history courses (six semester hour minimum). With this degree there is no concepts and theories requirement or arts and humanities minor track requirement. However, students may freely substitute language and anthropology courses for history or social science courses in meeting the twenty-one semester hour Asian studies requirement. Students are also to select between two fifteen semester hour business course work options listed below, an international marketing track or an international finance track. The prerequisites for both tracks include ECO 2013 and 2023, which may be taken as part of the student’s basic studies requirements. In addition, students opting for the international finance track must complete ACG 2021 as a prerequisite. Students should seek advising from the Asian Studies program advisor in 211 BEL 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 Asian studies program adviser

International Finance Track

FIN 3244 Financial Markets, Institutions, and International Finance Systems
FIN 3403 Financial Management of the Firm
FIN 4604 Multinational Financial Management
MAN 3600 Multinational Business Operations
Choose one:
MAN 4605 Cross-Cultural Management (Prerequisite: MAN 3240)
OR
MAN 4680r Selected Topics in International Management
OR
Another related course approved by the Asian studies program adviser
Honors in the Major

The Program in Asian Studies offers honors in the major to encourage talented juniors and seniors to undertake independent and original work as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Asian Studies Minor

Students pursuing a minor in the program must complete eighteen semester hours of Asian studies course work beyond the liberal studies requirement. In this case none of the broader comparative concepts and theories courses will count toward the eighteen semester hour minimum. Students may select freely from all area-specific courses so long as at least three semester hours are taken in history and each of the two tracks.

Approved Courses

Note: Descriptions of specific courses can be found under the individual departments in which they are taught.

History Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH 1044</td>
<td>Middle Eastern History and Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ASH 3100</td>
<td>History of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ASH 3200</td>
<td>History of The Ancient Near East</td>
<td>3</td>
</tr>
<tr>
<td>ASH 3230</td>
<td>Middle East Survey</td>
<td>3</td>
</tr>
<tr>
<td>ASH 4223</td>
<td>Modern Middle East</td>
<td>3</td>
</tr>
<tr>
<td>ASH 4261</td>
<td>Central Asia Since the Mongols</td>
<td>3</td>
</tr>
<tr>
<td>ASH 4402</td>
<td>China to 1898</td>
<td>3</td>
</tr>
<tr>
<td>ASH 4404</td>
<td>China Since 1898</td>
<td>3</td>
</tr>
<tr>
<td>ASH 4442</td>
<td>History of Modern Japan</td>
<td>3</td>
</tr>
<tr>
<td>ASH 4520</td>
<td>Traditional India</td>
<td>3</td>
</tr>
<tr>
<td>ASH 4550</td>
<td>Modern India</td>
<td>3</td>
</tr>
</tbody>
</table>

Social Science Track—Area Specific

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 3034</td>
<td>Politics of Developing Areas</td>
<td></td>
</tr>
<tr>
<td>CPO 3403</td>
<td>Comparative Government and Politics: The Middle East</td>
<td>3</td>
</tr>
<tr>
<td>CPO 3520</td>
<td>Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan</td>
<td>3</td>
</tr>
<tr>
<td>CPO 3541</td>
<td>Politics of China</td>
<td>3</td>
</tr>
<tr>
<td>ECS 4504</td>
<td>Economics of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>INR 4274</td>
<td>Studies in International Politics: The Middle East</td>
<td>3</td>
</tr>
</tbody>
</table>

Arts and Humanities Track—Area Specific

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 4175</td>
<td>Archaeology of the Islamic World</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4363</td>
<td>Japanese Society and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3530</td>
<td>The Arts of Asia</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3930</td>
<td>Special Topics in Art [Buddhist Monuments of Asia] [1–3]</td>
<td></td>
</tr>
<tr>
<td>ARH 3930</td>
<td>Special Topics in Art [The Aesthetics of Chinese Calligraphy][1–3]</td>
<td></td>
</tr>
<tr>
<td>ARH 4540</td>
<td>Arts of India</td>
<td>3</td>
</tr>
<tr>
<td>ARH 4551</td>
<td>Arts of China</td>
<td>3</td>
</tr>
<tr>
<td>ARH 4554</td>
<td>Arts of Japan</td>
<td>3</td>
</tr>
<tr>
<td>ARH 4571</td>
<td>Islamic Art and Architecture, 7th-21st Centuries</td>
<td>3</td>
</tr>
<tr>
<td>CHI 3440</td>
<td>Business Chinese</td>
<td>3</td>
</tr>
<tr>
<td>CHI 3501</td>
<td>Readings in Chinese Short Stories and Essays</td>
<td>3</td>
</tr>
<tr>
<td>CHI 4503</td>
<td>Readings in Chinese History</td>
<td>3</td>
</tr>
<tr>
<td>CHI 4930</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>CHT 3391</td>
<td>Chinese Cinema &amp; Culture</td>
<td>3</td>
</tr>
<tr>
<td>CHT 3930</td>
<td>Topics in Chinese Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 3413</td>
<td>Humanities: South Asian</td>
<td>3</td>
</tr>
<tr>
<td>HUM 3416</td>
<td>East Asian Humanities</td>
<td>3</td>
</tr>
<tr>
<td>JPN 3202</td>
<td>Readings in Japanese Short Stories and Essays</td>
<td>3</td>
</tr>
<tr>
<td>JPN 4930</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>JPT 3391</td>
<td>Japanese Film and Culture</td>
<td>3</td>
</tr>
<tr>
<td>JPT 4020</td>
<td>Japanese Calligraphy</td>
<td>1</td>
</tr>
<tr>
<td>MUH 4571</td>
<td>Music of Indonesia</td>
<td>3</td>
</tr>
<tr>
<td>MUH 4572</td>
<td>Music of Japan</td>
<td>3</td>
</tr>
<tr>
<td>REL 2315</td>
<td>Religions of South Asia</td>
<td>3</td>
</tr>
<tr>
<td>REL 2350</td>
<td>Religions of East Asia</td>
<td>3</td>
</tr>
<tr>
<td>REL 3335</td>
<td>Hindu Texts and Contexts</td>
<td>3</td>
</tr>
<tr>
<td>REL 3337</td>
<td>Goddesses, Women and Power in Hinduism</td>
<td>3</td>
</tr>
<tr>
<td>REL 3340</td>
<td>The Buddhist Tradition</td>
<td>3</td>
</tr>
<tr>
<td>REL 3358</td>
<td>Tibetan and Himalayan Religions</td>
<td>3</td>
</tr>
<tr>
<td>REL 3363</td>
<td>The Islamic Tradition</td>
<td>3</td>
</tr>
<tr>
<td>REL 4333</td>
<td>Modern Hinduism</td>
<td>3</td>
</tr>
<tr>
<td>REL 4357</td>
<td>Classical Tibetan</td>
<td>3</td>
</tr>
<tr>
<td>REL 4359</td>
<td>Special Topics in Asian Religions</td>
<td>3</td>
</tr>
</tbody>
</table>

Social Science Track—Comparative Concepts and Theories

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 2002</td>
<td>Introduction to Comparative Government and Politics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2000</td>
<td>Introduction to Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3303</td>
<td>History of Economic Ideas</td>
<td>3</td>
</tr>
<tr>
<td>ECO 4704</td>
<td>International Trade</td>
<td>3</td>
</tr>
<tr>
<td>ECO 4713</td>
<td>International Finance</td>
<td>3</td>
</tr>
<tr>
<td>ECS 3003</td>
<td>Comparative Economic Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEO 1400</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEO 3540</td>
<td>Economic Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4421</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4471</td>
<td>Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>INR 2002</td>
<td>Introduction to International Relations</td>
<td>3</td>
</tr>
<tr>
<td>INR 3603</td>
<td>Theories of International Relations</td>
<td>3</td>
</tr>
<tr>
<td>INR 4102</td>
<td>American Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>INR 4702</td>
<td>Political Economy of International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PAD 3003</td>
<td>Public Administration in American Society</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3420</td>
<td>Philosophy of the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PHM 2300</td>
<td>Introduction to Political Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3331</td>
<td>Modern Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3350</td>
<td>Introduction to Marxist Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3400</td>
<td>Philosophy of Law</td>
<td>3</td>
</tr>
<tr>
<td>PHM 4340r</td>
<td>Contemporary Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POT 3003</td>
<td>Introduction to Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PUP 3002</td>
<td>Introduction to Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>PUR 3002</td>
<td>Public Relations Techniques</td>
<td>3</td>
</tr>
<tr>
<td>SOP 3004</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SYA 4010</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SYG 1000</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2010</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SYO 3530</td>
<td>Social Classes and Inequality</td>
<td>3</td>
</tr>
<tr>
<td>SYO 4550</td>
<td>Comparative Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SYP 3000</td>
<td>Social Psychology of Groups</td>
<td>3</td>
</tr>
<tr>
<td>SYP 3300</td>
<td>Collective Action and Social Movements</td>
<td>3</td>
</tr>
<tr>
<td>SYP 3540</td>
<td>Sociology of Law</td>
<td>3</td>
</tr>
<tr>
<td>SYP 4340</td>
<td>Public Opinion Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Arts and Humanities Track—Comparative Concepts and Theories

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2410</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3212</td>
<td>Peoples of the World</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3610</td>
<td>Language and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4241</td>
<td>Anthropology of Religion</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2000</td>
<td>Art, Architecture, and Artistic Vision</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3056</td>
<td>History and Criticism of Art (I)</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3057</td>
<td>History and Criticism of Art (II)</td>
<td>3</td>
</tr>
<tr>
<td>HUM 3321</td>
<td>Multicultural Dimensions of film and 20th-Century Culture</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2051</td>
<td>Music Cultures of the World</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2052</td>
<td>Music Cultures of the World</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2010</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2630</td>
<td>Ethical Issues and Life Choices</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3670</td>
<td>Ethical Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3700</td>
<td>Philosophy of Religion</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3800</td>
<td>Philosophy of the Arts</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3882</td>
<td>Philosophy in Literature</td>
<td>3</td>
</tr>
<tr>
<td>REL 1300</td>
<td>Introduction to World Religions</td>
<td>3</td>
</tr>
<tr>
<td>REL 3142</td>
<td>Religion, The Self and Society</td>
<td>3</td>
</tr>
<tr>
<td>REL 3170</td>
<td>Religious Ethics and Moral Problems</td>
<td>3</td>
</tr>
</tbody>
</table>
Definition of Prefix

ASN—Asian Studies

Undergraduate Courses

ASN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

ASN 4930r. Special Topics in Asian Studies (1–3). May be repeated to a maximum of nine (9) semester hours as topics change.

ASN 4970r. Honors Thesis (1–6). Six (6) hours of credit must be taken in two (2) successive semesters and must result in the production of a thesis. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

Note: Descriptions of the following courses can be found in the Graduate Bulletin under the individual departments in which they are taught.

ASN 5906r. Directed Individual Study: Chinese Civilization (1–4). (S/U grade only.)

ASN 5907r. Directed Individual Study: Japanese Civilization (1–4). (S/U grade only.)

ASN 5910r. Supervised Research (1–5). (S/U grade only.)

ASN 5935r. Special Topics in Asian Studies (1–3).

For listings relating to graduate course work for thesis, master’s comprehensive examination, and thesis defense, consult the Graduate Bulletin.

ASTRONOMY:

see Physics
Department of BIOLOGICAL SCIENCE

COLLEGE OF ARTS AND SCIENCES

Chair: P. Bryant Chase; Associate Chair (Graduate Studies): Bates; Associate Chair (Undergraduate Studies): L. Keller; Associate Chair (Curriculum Development): Epstein; Professors: Abele, Bates, Chase, Ellington, Fajer, Freeman, Gaffney, Gilbert, Levitan, Meredith, Miller, Outlaw, Roberts, Roux, Taylor, Travis, Tschinkel; Associate Professors: Bass, Epstein, Erickson, D. Fadool, J. Fadool, Houle, Houpt, Hughes, Inouye, L. Keller, T. Keller, Naylor, Steppan, Trombley, Underwood, Winn; Assistant Professors: Beerli, Deng, DuVal, Hansen, Jones, Lyons, Mast, McGinnis, Lenmon, Roktya, Tang, Wulf, Yu, Zhu; Professors Emeriti: Anderson, Caspar, DeBusk, deKloet, Easton, Elam, Elliott, Friedman, Heard, Herrnkind, Hofer, Homann, James, Livingston, Mariscal, 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, or allied health professional schools.

The department also offers a major in computational biology in conjunction with the Computer Science Department. 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 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 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 4530.

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/navigation/detailExt/cpp_intro.do?pageid=0603004 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 X010/X010L or BSC X010C
   - Note: PCB X010, PCB X011, PCB X021, PCB X131, BSC X040, or BSC X012 are acceptable substitutes.
2. BSC X011/X011L or BSC X011C
   - Note: ZOO X010, BOT X010, BSC X041, or BOT X013 are acceptable substitutes.
3. CHM X045/X045L or CHM X045C
4. CHM X046/X046L or CHM X046C
5. CHM X210/X210L or CHM X210C
   - Note: PHY 3043/3043L, PHY 3048/3048L, PHY 3049/3049L, or equivalent are acceptable substitutes.
6. CHM X211/X211L or CHM X211C
   - Note: PHY 3053/3053L, PHY 3048/3048L, PHY 3049/3049L, or equivalent are acceptable substitutes.
7. MAC X311
8. MAC X312
   - Note: STA X122, STA X014, STA X023, STA X024, STA X321, or equivalent, MAC X234, MAC X254, or MAC X282 are acceptable substitutes.

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 1045/L and CHM 1046/L or CHM 1050/L and CHM 1051/L (General Chemistry I and II with labs)

c. A minimum combined 2.0 GPA in all biology, chemistry, physics, mathematics, and statistics courses, and their prerequisites, that are applicable to the major, from any institution attended.

2. Academic Performance

a. All courses applicable to the major, including biological science, chemistry, physics, mathematics, and statistics must be completed with a grade of “C–” or better;

b. A student who has earned more than five unsatisfactory grades (U, F, D–, D, D+) in courses required for the major in biological science (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;

c. Designation, continuation, and graduation as a biological science major requires a minimum combined 2.0 GPA in all courses taken for the major from any institution, including biology, chemistry, physics, mathematics, and statistics, and their prerequisites;

d. A biological science major who applies for readmission to the college must meet the biological science degree requirements of the catalog in force on the date of readmission.

3. Co-op and Transient Study

Florida State University biological science majors who intend to take courses for the major (biological science, chemistry, physics, mathematics, statistics) at other institutions must receive approval from the Department of Biological Science Academic Advising Office prior to enrollment. This policy applies to courses taken as part of the FAMU–FSU and TCC—FSU co-op programs, as well as courses taken elsewhere.

4. Required Courses in Biological Science

Thirty-eight (38) semester hours of biological science course work are required for the degree. At least twenty (20) of the required semester hours must be taken in residence at Florida State University. The following shall be included in the thirty-eight (38) semester hours:


b. PCB 3063 General Genetics (3)

c. BOT 3015 Plant Biology (2)

d. BSC 3402L Experimental Biology Laboratory (2)

e. PCB 4674 Evolution (3)

f. At least one course from two of the three areas:

Area I: Cell and Molecular Biology

- MCB 4403, 4403L Prokaryotic Biology and Laboratory (3, 2)
- PCB 3134 Cell Structure and Function (3)
- PCB 4024 Molecular Biology (3)
- PCB 4253 Animal Development (3)

Area II: Physiology

- BOT 4503 Plant Physiology (3)
- PCB 3743 Vertebrate Physiology (3)
- PCB 4723 General and Comparative Animal Physiology (3)

Area III: Ecology and Environmental Science

- BSC 3052 Conservation Biology (3)
- PCB 3043 General Ecology (3)
- ZOO 4513 Animal Behavior (4)
g. Additional courses for major credit at the 3000- or 4000-level to complete the thirty-eight (38) semester hour requirement. No more than six (6) semester hours of honors work in biological science (BSC 4970b), six (6) semester hours of directed individual study (BSC 4900r), one (1) semester hour of undergraduate supervised teaching (BSC 4945), and two (2) semester hours of senior tutorial (BSC 4931) can be used to meet the thirty-eight (38) hour requirement.

h. Completion of at least five biology laboratory/field courses (the letter “C” listed after the course number indicates that the course is a lecture and a lab/field combined, and the letter “L” indicates the course is a laboratory or field course).

5. Required Courses in Collateral Areas

a. General Chemistry: Two semesters of general chemistry with laboratory equivalent to CHM 1045/L plus CHM 1046/L or CHM 1050/L plus CHM 1051/L.

b. Organic Chemistry: Two semesters of organic chemistry equivalent to CHM 2210 and 2211. Many health professions programs also require CHM 2211L, (Organic Chemistry II Laboratory), BCH 4053 (General Biochemistry I), and BCH 4054 (General Biochemistry II), which do not apply to the major.

c. Mathematics/Statistics: Either two semesters of calculus with analytical geometry equivalent to MAC 2311 and 2312 or MAC 2311, plus one semester of statistics for biology (STA 2171). One (1) semester hour of bio-calculus laboratory (MAP 2480) also is required.

d. Physics: Two semesters of general physics with laboratories equivalent to PHY 2048C and 2049C (prerequisite of MAC 2311) or two semesters of college physics with laboratories equivalent to PHY 2053C and 2054C (prerequisites are MAC 1114 and MAC 1140).

6. Exit Interview:

All seniors must complete an exit interview in the semester in which they plan to graduate. For details, contact an adviser in the Biological Science Academic Advising Office.

7. Minor:

The required collateral courses in chemistry constitute a chemistry minor and fulfill the College of Arts and Sciences requirement for a minor; however, the student may select other minors in consultation with an adviser.

Requirements for a Major in Computational Biology

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. 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 [18] hours)

BSC 2010 Biological Science I (3)
BSC 2011 Biological Science II (3)
PCB 3063 General Genetics (3)
PCB 4674 Evolution (3)

plus six (6) hours of biological science elective credit chosen from:

BOT 4394 Plant Molecular Biology (3)
BSC 2010L Biological Science I Laboratory (1)
BSC 2011L Biological Science II Laboratory (1)
BSC 4613 Systematics (3)
MCB 4403 Prokaryotic Biology (3)
MCB 4403L Prokaryotic Biology Laboratory (2)
PCB 3134 Cell Structure and Function (3)
PCB 3743 Vertebrate Physiology (3)
PCB 4024 Molecular Biology (3)
PCB 4233 Immunology (3)
PCB 4253 Animal Biology (3)
PCB 4843 Fundamentals of Neuroscience (3)

2. Computer Science (sixteen [16] hours)

CDA 3100 Computer Organization I (3)
COP 3014 Programming I (3)
COP 3330 Object Oriented Programming (3)
COP 3344 Introduction to UNIX (1)
COP 4530 Data Structures, Algorithms and Generic Programming (3)

plus three (3) hours of computer science elective credit chosen from:

CDA 3101 Computer Organization II (3)
COP 4531 Complexity and Analysis of Data Structures and Algorithms (3)

COP 4710 Theory and Structure of Databases (3)
COT 4420 Theory of Computation (3)


BSC 4933r Selected Topics in Biological Science (3)
CIS 4930r Special Topics in Computer Science (3)


MAC 2311 Calculus with Analytic Geometry I (4)
MAC 2312 Calculus with Analytic Geometry II (4)
MAD 2104 Discrete Mathematics I (3)
STA 2171 Statistics for Biology (4)

5. Physics (eight [8] or ten [10] hours)

PHY 2048C General Physics A (5)
OR
PHY 2053C College Physics A (4)
AND
PHY 2049C General Physics B (5)
OR
PHY 2054C College Physics B (4)

6. Chemistry (eight [8] hours)

CHM 1045 General Chemistry I (3)
CHM 1045L General Chemistry I Laboratory (1)
CHM 1046 General Chemistry II (3)
CHM 1046L General Chemistry II Laboratory (1)

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 course work as described below, and must maintain a 3.0 GPA or better in courses used for the certificate. Students wishing to enter the program retroactively may do so by the first semester of their senior year at the latest.

The certificate offers internships, scholarships, and other instructor programs that provide unique professional development opportunities for students interested in this field. These opportunities allow students to work closely with scientists in a student/mentor relationship, or to attend remote training or study programs during the summer. Selection for scholarship awards is based on academic qualifications; demonstrated interest in fisheries ecology, marine biology, and zoology; and relevance to the applicant’s biological and career interests. Additional information is available through the Academic Advising Office and the department’s Institute for Fishery Resource Ecology. For more information about the certificate program and list of required courses, please contact the Academic Advising Office.

Honors in the Major

The Department of Biological Science offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

FSU-Teach Program in Science Teaching

Students interested in secondary education science teaching should contact the Office of Secondary Science and/or Mathematics Teaching within the department. For more information, see that chapter of this General Bulletin.

For those also interested in teaching biology, 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 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 website: 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

BCH—Biochemistry (Biophysics)
BOT—Botany
BSC—Biological Sciences
ISC—Interdisciplinary Sciences
MCB—Microbiology
PCB—Process Biology
PSB—Psychobiology
SCE—Science Education
ZOO—Zoology

Undergraduate Courses

Courses Not for Major or Minor Credit

BSC 1005. General Biology for Nonmajors (3). Four selected topics in contemporary biology.
BSC 1005L. General Biology Laboratory for Nonmajors (1). May be taken concurrently with lecture or subsequent to completion of lecture with passing grade.
BSC 1005C. General Biology for Nonmajors (4). Introduction to animals, sponges, cnidarians, flatworms and pseudocoelomates, annelids, molluscs, arthropods, echinoderms, and chordates.
BSC 3052. Conservation Biology (3). The history of the conservation movement, the research on populations of animals and plants that is relevant to man’s impact upon the environment, sediment in terrestrial and aquatic ecosystems, endangered species, acid rain regulation, and sustainable development.
BSC 3312. Marine Biology (3). Marine geology, chemistry of the oceans, oceanic circulation, oceanographic techniques, the marine environment and marine life.
BSC 3402L. Experimental Biology Laboratory (2). Majors only. Methodology of biological experimentation, data analysis, and reporting using selected topics (see academic advising office for selected topics offered each semester).
BSC 3930. Seminar in Biological Frontiers (1). (S/U grade only.) Weekly seminar covering current research in biological science. Not repeatable for credit toward major requirements.
BSC 3933. Careers in the Biological Sciences (1). (S/U grade only.) This course is intended for biology science majors at any point in their undergraduate career, but is most beneficial to those in their first three years. Career options in biology-related fields (including health professions) and the preparation 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 3934r. Cooperative Education Work Experience (0). (S/U grade only.)
BSC 4514. Aquatic Pollution Biology (3). Various aspects of environmental alteration from point and nonpoint sources on aquatic systems.
BSC 4613. Systematics (3). 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 4690r. Directed Individual Study (1–4). Prerequisites: A combined 3.0 GPA in biology, chemistry, physics, math, and statistics, or permission of the instructor and the Department of Biological Science. Special topic supervised study or research participation in the area of the faculty member’s research. Graduate students may not register for this course. A maximum of six (6) semester hours may be applied to biological science major credit.
BSC 4931r. Senior Tutorial in Biological Science (1). (S/U grade only.) Prerequisite: Senior standing (90+ hours). Selected topics in contemporary biological science; maximum enrollment of five students in each tutorial. Repeatable one time to a maximum of two (2) semester hours credit 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 (8) semester hours credit.
BSC 4934r. Selected Topics in Applied Biology (1–4). (S/U grade only.) May be repeated to a maximum of eight (8) semester hours. Some sections are not for major credit.

Courses for Major Credit

Note: All 3000- and 4000-level biological science courses have the following minimum prerequisites: BSC 2010/L, 2011/L, CHM 1045/L and 1046/L. Additional prerequisites, if any, are included in the course listing.

Botany

BOT 3015. Plant Biology (2). Introduction to evolutionary relationships, natural history, ecological adaptations, and physiology of plants, fungi, autotrophic prokaryota, and prokaryotes.
BOT 3015L. Plant Biology Laboratory (1). Corequisite: BOT 3015. Anatomy, development, and morphology and life cycles of autotrophs and fungi and other osmotrophs.
BOT 3143C. Field Botany (4). Introductory plant taxonomy with emphasis on laboratory and field study. Orientation to principles of identification, classification, and rules of botanical nomenclature.
BOT 4349. Plant Molecular Biology (3). Prerequisite: BOT 3015. Corequisite: PCB 3063. This course explores molecular biology and biotechnology of plant growth and development.
BOT 4503. Plant Physiology (3). Prerequisites: BOT 3015, CHM 2210, and PCB 3134 recommended. Introduction to the regulatory systems in plants.
BOT 4503L. Plant Physiology Laboratory (1). Prerequisite: BOT 4503. Corequisite: BOT 4503.

Biological Science

BSC 2010. Biological Science I (3). Prerequisites or corequisites: BSC 2010L, CHM 1045, and CHM 1045L. Basic chemistry, energetics, metabolism, and cellular organization; molecular genetics and information flow; animal and plant function.
BSC 2010L. Biological Science I Laboratory (1). Prerequisites or corequisites: CHM 1045 and CHM 1045L. Corequisite: BSC 2010. 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.
BSC 2011L. Animal Diversity Laboratory (2). Prerequisites: BSC 2010 and BSC 2010L. Introduction to animals, sponges, cnidarians, flatworms and pseudocoelomates, annelids, molluscs, arthropods, echinoderms, and chordates.
BSC 3052. Conservation Biology (3). The history of the conservation movement, the research on populations of animals and plants that is relevant to man’s impact upon the environment, sediment in terrestrial and aquatic ecosystems, endangered species, acid rain regulation, and sustainable development.
BSC 3312. Marine Biology (3). Marine geology, chemistry of the oceans, oceanic circulation, oceanographic techniques, the marine environment and marine life.
BSC 3402L. Experimental Biology Laboratory (2). Majors only. Methodology of biological experimentation, data analysis, and reporting using selected topics (see academic advising office for selected topics offered each semester).
BSC 3930. Seminar in Biological Frontiers (1). (S/U grade only.) Weekly seminar covering current research in biological science. Not repeatable for credit toward major requirements.
BSC 3933. Careers in the Biological Sciences (1). (S/U grade only.) This course is intended for biology science majors at any point in their undergraduate career, but is most beneficial to those in their first three years. Career options in biology-related fields (including health professions) and the preparation 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 3934r. Cooperative Education Work Experience (0). (S/U grade only.)
BSC 4514. Aquatic Pollution Biology (3). Various aspects of environmental alteration from point and nonpoint sources on aquatic systems.
BSC 4613. Systematics (3). 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 4690r. Directed Individual Study (1–4). Prerequisites: A combined 3.0 GPA in biology, chemistry, physics, math, and statistics; must be approved by the major; permission from a biological-science instructor; and Department of Biological Science Advising Office permission. Special topic supervised study or research participation in the area of the faculty member’s research. Graduate students may not register for this course. A maximum of six (6) semester hours may be applied to biological science major credit.
BSC 4931r. Senior Tutorial in Biological Science (1). (S/U grade only.) Prerequisite: Senior standing (90+ hours). Selected topics in contemporary biological science; maximum enrollment of five students in each tutorial. Repeatable one time to a maximum of two (2) semester hours credit 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 (8) semester hours credit.
BSC 4934r. Selected Topics in Applied Biology (1–4). (S/U grade only.) May be repeated to a maximum of eight (8) semester hours. Some sections are not for major 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 (8) semester hours credit.
BSC 4934r. Selected Topics in Applied Biology (1–4). (S/U grade only.) May be repeated to a maximum of eight (8) semester hours. Some sections are not for major credit.

BSC 4937. Seminar in Living marine resource Ecology (1). Prerequisite: Instructor permission. Seminar course in marine resource ecology designed to introduce students to a broad array of current research priorities and interests in marine ecology. Students will have the opportunity to meet with 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.
BSC 4940. Research Internship in Marine Biology (3–9). Prerequisites: PCB 3043, junior or senior standing, 3.0 GPA in biology, a course in the area of research, and associate chair written permission. Special supervised study in marine biology at the National Marine Fisheries Services Laboratory in Panama City, the Mote Marine Laboratory, or other approved location. Students may receive up to nine (9) semester hours of credit, of which four (4) semester hours would apply to the biological science major. Offered during the summer only.

BSC 4945. Undergraduate Supervised Teaching (1). (S/U grade only.) Prerequisites: Senior standing and instructor permission. A maximum of one (1) 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. Participation in a supervised research problem. May be repeated to a maximum of nine (9) semester hours, of which six (6) semester hours may be applied to biological science major credit.

Microbiology

MCB 4403. Prokaryotic Biology (3). Prerequisites: CHM 2210 and PCB 3063. Corequisite: MCB 4403L. Structural and functional characteristics of microorganisms, with emphasis on prokaryotes (bacteria and archaea) and viruses. Topics include: prokaryotic cell structure and function, physiology and genetics of prokaryotes and viruses, physiological and molecular aspects of microorganisms and human disease, and biotechnological applications of microbial physiology (environmental, food, and industrial microbiology).

MCB 4403L. Prokaryotic Biology Laboratory (2). Prerequisites: CHM 2210 and PCB 3063. Corequisite: MCB 4403. Laboratory methods for growth, handling, and study of prokaryotes and other types of microorganisms. Topics include: aseptic technique and isolation of pure cultures; microscopic methods; effects of environment on growth; viruses; physiological characterization methods; and methods related to medical, environmental, and food microbiology.

Process Biology

PCB 3043. General Ecology (3). Population biology, population growth; community processes, succession, nutrient cycling and energy flow, species interactions, ecological efficiency, biogeographical ecology.

PCB 3063. General Genetics (3). Introduction to the principles of transmission and molecular genetics of prokaryotes and eukaryotes and significance of these principles to other aspects of biological science.

PCB 3134. Cell Structure and Function (3). Cellular chemistry and physiology, morphology, and function of cellular organelles; cellular motility, growth, division, communication, and regulation.

PCB 3743. Vertebrate Physiology (3). Physiological systems of vertebrates with emphasis on mammals. Mechanisms underlying physiological processes and the physiological principles upon which they depend.

PCB 4024. Molecular Biology (3). Prerequisites: PCB 3063 and PCB 3134 recommended. The molecular basis of cellular function with emphasis on the activities of DNA, RNA, and the regulation of gene expression.

PCB 4024L. Molecular Biology Laboratory (1). Corequisite: PCB 4024.

PCB 4233. Immunology (3). Prerequisites: CHM 2210, PCB 3063, PCB 3134, or instructor permission. Analysis of the tissues, cells, and molecules of the immune system and their relationships to disease and transplantation.

PCB 4233L. Laboratory in Immunology (1). Corequisite: PCB 4233.

PCB 4253. Animal Development (3). Prerequisite: PCB 3063. Discusses a number of topics, including fertilization, early embryonic events, organogenesis, differentiation, morphogenesis, cytoplasmic localization, determination, and differential gene expression.

PCB 4253L. Experimental Developmental Biology Laboratory (3). Prerequisites: BSC2011L, CHM1046, CM1046L, AND PCB3063. Corequisite: PCB4253. This lab combines lecture and laboratory experiments regarding sea urchin fertilization, frog and chick early development, gene expression, cell-cell interactions, and metamorphosis.

PCB 4874. Evolution (3). Prerequisites: PCB 3063 and senior standing (90+ hours). Emphasis on the processes of evolution: origin of life, theories of evolution, sources of variation, natural selection, population systems, isolating mechanisms, evolution above the species level.

PCB 4723. General and Comparative Animal Physiology (3). Prerequisite: CHM 2210. The physiological and biochemical interactions of animals with their respective environments. Emphasis on non-mammalian vertebrate and invertebrate systems.

PCB 4843. Fundamentals of Neuroscience (3). Prerequisites: PCB 3134, PCB 3743, or PCB 4723. This course will emphasize cellular and molecular approaches to neuroscience and brain function and will emphasize simple model systems including invertebrates.

Zoology

ZOO 3205. Advanced Invertebrate Zoology (2). Prerequisite: PCB 3043 or PCB 3063 or ZOO 3713C or instructor permission. Corequisite: ZOO 3205L. Structure, function, behavior, and evolution of the invertebrate phyla, especially those taxa living in the sea.

ZOO 3205L. Advanced Invertebrate Zoology Laboratory (2). Prerequisite: PCB 3043 or PCB 3063 or ZOO 3713C or instructor permission. Corequisite: ZOO 3205. Laboratory deals with the structure, function, behavior and ecology of the invertebrate phyla, especially those taxa living in the sea.

ZOO 3713C. Comparative Vertebrate Anatomy (4). Emphasis on form and function and origin and evolution of structure.

ZOO 4204C. Biology of Higher Marine Invertebrates (5). Prerequisite: BSC 3312 or PCB 3043 or ZOO 3205 or ZOO 3205L. Biological specializations of crustaceans, mollusks, and echinoderms, including life history, behavior, ecology, biomechanics, and environmental adaptations.


ZOO 4753C. Histology (4). The microscopic anatomy and functions of the cells, tissues, and glands composing the organs and systems of humans.


ZOO 4823L. Insect Diversity of North Florida (2). Prerequisite: MAC 2311. Prerequisite or corequisite: ZOO 4823. Topics in this course include collection, keying, and curation of local insects.

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 5906r. Directed Individual Study (1–12). (S/U grade only.)

BSC 5932r. Graduate Tutorial in Biological Science (1). (S/U grade only.)

BSC 5936r. Selected Topics in Biological Science (1–4).

BSC 5945r. Supervised Teaching (1–2). (S/U grade only.)

BSC 6921r. Colloquium in Biological Science (1). (S/U grade only.)

Microbiology

MCB 5408. Prokaryotic Biology (3).

MCB 5505. Virology (3).

MCB 5936r. Selected Topics in Microbiology (1–4).

MCB 6936r. Seminar in Microbiology (2). (S/U grade only.)

Process Biology

PCB 5137. Advanced Cell Biology (3).


PCB 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 5747. Mammalian Physiology II (3).

PCB 5785. Biology of Muscle (3).

PCB 5795. Sensory Physiology (3).

PCB 5845. Cell and Molecular Neuroscience (4).

PCB 5936r. Selected Topics in Genetics and Cell Biology (1–4).

PCB 5937r. Selected Topics in Physiology (1–4).

PCB 5938r. Selected Topics in Ecology and Evolutionary Biology (1–4).

PCB 6936r. Seminar in Genetics and Cell Biology (2). (S/U grade only.)

PCB 6937r. Seminar in Physiology (2). (S/U grade only.)

PCB 6938r. Seminar in Ecology and Evolutionary Biology (2). (S/U grade only.)

Neuroscience

PSB 5057. Neuroscience Methods: Molecules to Behavior (2). (S/U grade only.)

PSB 5077. Responsible Conduct of Research (2). (S/U grade only.)

ZOO 4823. Seminar in Neuroscience (1–2). (S/U grade only.)

Zoolgy

ZOO 5932r. Selected Topics in Marine Biology (1–4).

ZOO 5935r. Selected Topics in Zoology (1–4).

ZOO 6933r. Seminar in Marine Biology (2). (S/U grade only.)

ZOO 6934r. Seminar in Zoology (2). (S/U grade only.)
Secondary Science Teaching

ISC 5098. Reflective Science Teaching (2).
ISC 5525. Advanced Portfolio Design (1).
ISC 5535. Research in the Content Area for Teachers (6).
ISC 5944. Ethics, School Law, and Management of Science Classrooms (3).
ISC 5945. Full-Time Teaching Internship (9). (S/U grade only.)
ISC 5946. Half-Time Teaching Internship (6). (S/U grade only.)
ISC 8939. Portfolio Review (0). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
BIOMEDICAL SCIENCES

COLLEGE OF MEDICINE

Chair: David Balkwill; Professors: Balkwill, Blaber, Galasko, M. Hurt, Klatt, McGee, Meredith, Ouimet, Overton, Patrick, Payer, Rill; Associate Professors: Horabin, Olcese, Yu; Assistant Professors: Gunjan, Kabbaj, Katz, Lee, Stefanovic, VanLandingham, Wang; Assistant Scholar Scientist: Bienkienwicz, Assistants in Medicine: Cappendijk, Didier, Paik

The Department of Biomedical Sciences is a community of scholars dedicated to educating future physicians and scientists and advancing knowledge through discovery.

The Doctor of Philosophy (PhD) in Biomedical Sciences at the Florida State University College of Medicine is designed to train modern biomedical scientists who use genomics, proteomics, bioinformatics, and other contemporary approaches to address questions of developmental, cell, and molecular biology related to human health. The program is appropriate for students with majors in biochemistry, biology, or other health-related fields. Three broad areas of research are emphasized: development, neuroscience, and the molecular basis of human disease. Research rotations during the first year allow students to make an informed choice regarding the research area and major professor with whom they will conduct their PhD work. A core curriculum of the fundamentals, the choice of electives from other departments, and intellectual interaction with faculty and postdoctoral fellows encourage graduate students to mature into independent scientists.

Admission Requirements

To apply for the PhD in Biomedical Sciences Program, students should contact the College of Medicine’s Office of Research and Graduate Programs at (850) 643-6420 or visit the program’s Web site (http://med.fsu.edu/biomed/phd/contact.asp) for other contact information. A prospective candidate must: (1) have or be a candidate for a baccalaureate degree from an accredited college or university and be in good standing at the last institution attended; (2) have a minimum GPA of 3.0 (on a 4.0 scale); and (3) have a minimum combined verbal and quantitative score of 1000 or above on the Graduate Record Examination (GRE). A GRE Subject Test is strongly recommended and may include Biochemistry and Cell Biology, General Biology, Chemistry, or Physics. Applicants whose native language is not English and who have not received a degree from an English language institution are required to take the Test of English as a Foreign Language (TOEFL), receiving a minimum score of 600 for the paper test or 233 for the Computer Based Test (CBT). Applicants must also send all required material to the University Admissions Office at https://admissions.fsu.edu/gradapp/.

Degree Requirements

The College of Medicine grants the PhD in Biomedical Sciences through an interdisciplinary program with the goal of training students to do research in the broad area of the molecular basis of human disease, including the function of the human genome in development, neurobiology, aging, cancer, and other disease.

The curriculum for the Biomedical Sciences degree includes core courses in statistics and ethics in research, as well as specialized biomedical coursework and laboratory research. The direction and supervision of graduate work at the doctoral level resides primarily with the major professor and supervisory committee, which is made up of four faculty members. Laboratory rotation in at least three laboratories during the first year is a degree requirement, designed to assist students in making informed choices regarding their courses of study.

To be considered for graduation from the College of Medicine with the PhD in Biomedical Sciences, the student must successfully complete all course requirements within five 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 doctoral dissertation.

Additional details are available at http://www.med.fsu.edu/biomed/phd/default.asp. Also, for complete details of degree requirements, plus a description of the college, its facilities, opportunities, and available financial assistance, refer to the “College of Medicine” chapter of the Graduate Bulletin.
Interdepartmental
BRITISH STUDIES LONDON CENTER MINOR

COLLEGE OF ARTS AND SCIENCES

Coordinator: James E. Pitts (International Programs)

The British Studies London Center minor is concerned with the culture of Great Britain from ancient times to the present. The minor is built around the student's program of studies at the Florida State University London Study Center, allowing the student to study British culture from the perspective of various disciplines and to pursue the minor before, during, and after the student attends the London Center. The minor gives greater focus to and enhances the quality of the student's program of studies in Britain. The sojourn in London is the essential element in the minor, providing direct involvement in contemporary British civilization as well as exposure to Britain's historical and cultural artifacts.

Requirements for a Minor in British Studies

The interdisciplinary minor requires the completion of fifteen 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 3184 British Drama: History, Text and Criticism (3)
ENL 4112 The 18th-Century British Novel (3)
ENL 4122 The 19th-Century British Novel (3)
ENL 4132 The Modern British Novel (3)
ENL 4161 Renaissance Drama (3)
ENL 4171 Restoration and 18th-Century Drama (3)
ENL 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)
ARH 3057 History and Criticism of Art II (3)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4353</td>
<td>Northern Baroque Art</td>
<td>(3)</td>
</tr>
<tr>
<td>CLA 2010</td>
<td>Introduction to Greek and Roman Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>CLA 3502</td>
<td>Women, Children, and Slaves in Ancient Rome: The Roman Family</td>
<td>(3)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>ENC 3310r</td>
<td>Article and Essay Workshop</td>
<td>(3)</td>
</tr>
<tr>
<td>ENC 4311</td>
<td>Advanced Article and Essay Workshop</td>
<td>(3)</td>
</tr>
<tr>
<td>ENG 3110</td>
<td>Film Genres</td>
<td>(3)</td>
</tr>
<tr>
<td>ENG 3931r</td>
<td>Topics in English</td>
<td>(1–3)</td>
</tr>
<tr>
<td>ENG 4932r</td>
<td>Studies in English</td>
<td>(1–3)</td>
</tr>
<tr>
<td>EUH 2000</td>
<td>Ancient and Medieval Civilizations</td>
<td>(3)</td>
</tr>
<tr>
<td>EUH 3420</td>
<td>Rise and Fall of Classical Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>FIL 2001</td>
<td>Introduction to Film</td>
<td>(3)</td>
</tr>
<tr>
<td>FOW 3240</td>
<td>Literature and Sexuality</td>
<td>(3)</td>
</tr>
<tr>
<td>GEA 1000</td>
<td>World Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>GEO 1331</td>
<td>Environmental Science</td>
<td>(3)</td>
</tr>
<tr>
<td>GEO 1400</td>
<td>Human Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>HUM 3321</td>
<td>Multicultural Dimensions of Film and 20th-Century Culture (3)</td>
<td></td>
</tr>
<tr>
<td>HUM 4931r</td>
<td>Topics in the Civilization of Britain or Italy</td>
<td>(3)</td>
</tr>
<tr>
<td>IND 4131r</td>
<td>History of Interiors II</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 2002</td>
<td>Introduction to International Relations</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 3502</td>
<td>International Organization</td>
<td>(3)</td>
</tr>
<tr>
<td>INR 3603</td>
<td>Theories of International Relations</td>
<td>(3)</td>
</tr>
<tr>
<td>ISS 4931r</td>
<td>Special Topics</td>
<td>(1–3)</td>
</tr>
<tr>
<td>LIT 2081</td>
<td>Contemporary Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>LIT 2189</td>
<td>Introduction to Global Literature in English</td>
<td>(3)</td>
</tr>
<tr>
<td>LIT 3043</td>
<td>Modern Drama</td>
<td>(3)</td>
</tr>
<tr>
<td>LIT 3383</td>
<td>Women in Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>LIT 4033</td>
<td>Modern Poetry</td>
<td>(3)</td>
</tr>
<tr>
<td>MUH 2011</td>
<td>Introduction to Music History—Music Appreciation: 18th and 19th Centuries (3)</td>
<td></td>
</tr>
<tr>
<td>MUH 2012</td>
<td>Music in Western Culture, 19th and 20th Centuries (3)</td>
<td></td>
</tr>
<tr>
<td>MUH 2019</td>
<td>Modern Popular Music</td>
<td>(3)</td>
</tr>
<tr>
<td>PGY 2100c</td>
<td>Photo for Non-Art Majors</td>
<td>(3)</td>
</tr>
<tr>
<td>REL 1300</td>
<td>Introduction to World Religions</td>
<td>(3)</td>
</tr>
<tr>
<td>REL 3145</td>
<td>Gender and Religion</td>
<td>(3)</td>
</tr>
<tr>
<td>SYG 2010</td>
<td>Social Problems</td>
<td>(3)</td>
</tr>
<tr>
<td>THE 2083r</td>
<td>Theatre Problems</td>
<td>(3)</td>
</tr>
<tr>
<td>THE 3061</td>
<td>Introduction to Theatre in London</td>
<td>(3)</td>
</tr>
<tr>
<td>THE 3931r</td>
<td>Special Topics</td>
<td>(3)</td>
</tr>
<tr>
<td>THE 4111</td>
<td>European Theatre History II</td>
<td>(3)</td>
</tr>
</tbody>
</table>

All other courses at the London Study Center may be counted toward the minor if a course syllabus shows that at least fifty percent (50%) of the material presented is relevant to the minor, and provided the London Center Minor Coordinating Committee approves their inclusion in the minor. In addition, special topics courses offered on the Florida State University campus on a one-time basis may be counted if the Coordinating Committee approves them. To have such courses considered, petition the Coordinating Committee, University Center A5500, Tallahassee, FL 32306-2420.

BUSINESS LAW: see Risk Management/Insurance, Real Estate, and Program in Business Law

CELL BIOLOGY: see Biological Science
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 chemical and related industries or advanced technical and professional degrees.

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 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
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/navigation/detail_ext/cpp_intro.do?pageId=060304 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
2. ENC X102
3. MAC X311 or MAC X281 or MAC X282 or MAC X283
4. MAC X312 or MAC X281 or MAC X282 or MAC X283
5. MAC X313 or MAC X281 or MAC X282 or MAC X283
6. MAP X302
7. CHM X045/X045L or CHS X440 Chemistry for engineers
8. PHY X048/X048L
9. PHY X049/X049L
10. XXX XXXX: six (6) credit hours in humanities
11. XXX XXXX: six (6) credit hours in social science
12. XXX XXXX: three (3) additional credit hours in humanities or social science

Undergraduate Laboratory and Computational Facilities

Undergraduate teaching laboratories in measurements and transport phenomena, unit operations, and process control are designed to augment classroom instruction. Our undergraduate chemical engineering laboratory experiments feature a 20-stage distillation column for the study of organic chemical separations, several reactor vessels for the design and analysis of batch and continuous reactor configurations, and a liquid/liquid continuous extraction process system, among others. All experiments include computer data control and computer data acquisition systems in order to provide a “real world” experience for our students.

The department has extensive computational and laboratory facilities in a number of areas. In addition to the University computing center facilities accessible by remote terminals, students have access to College of Engineering computer labs that have either remote terminals or 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 five diverse areas of study that reflect new directions in the broader field of chemical engineering. These major options include chemical engineering, environmental engineering, chemical–bioengineering, materials engineering, and chemical–biomedical engineering.

- **Chemical Engineering.** The most common major, it prepares students for employment or further study in traditional areas of chemical engineering (described above).

- **Chemical-Environmental Engineering.** Chemical engineers will play a pivotal role in developing future pollution prevention strategies by improving and replacing current products and processes. Upcoming efforts will focus on integrating the design and production of goods with their ultimate disposal and reuse. Chemical engineers will provide the means to not only prevent pollution, but move to the concept of creating a sustainable society where most products are recycled repeatedly.

- **Chemical-Bioengineering.** Biochemical engineering is a highly interdisciplinary field that has arisen from the application of chemical engineering principles to the production of materials derived from living systems. A number of processes and products, including fermentation for making alcohols and various foods, the efficient use of enzymes for tanning leather, the use of bacteria for biological waste treatment, and the production of antibiotics from mold culture, have been developed and utilized in the past. Bioengineering combines biochemical engineering with other aspects of life sciences applied to engineering, such as pharmacology and biotechnology.

- **Chemical-Materials Engineering.** Chemical engineers have extensively developed and studied the molecular structures and dynamics of materials—including solids, liquids, and gases—in order to develop macroscopic descriptions of the behavior of such materials. In turn, these macroscopic descriptions have allowed the construction and analysis of unit processes that facilitate desired chemical and physical changes. This constant interplay between molecular scale understanding and macroscopic descriptions is unique and central to the field of chemical engineering.

- **Chemical-Biomedical Engineering.** Biomedical engineering concerns the application of chemical engineering principles and practices to large scale living organisms, most specifically human beings. As one of the newest subdisciplines of chemical engineering, the field is a rapidly evolving one involving chemical engineers, biochemists, physicians, and other health care professionals. Biomedical research and development is carried out at universities, teaching hospitals, and private companies, and it focuses on conceiving new materials and products designed to improve or restore bodily form or function. Biomedical engineers are employed in diverse areas such as artificial limb and organ development, genetic engineering research, development of drug delivery systems, and cellular and tissue engineering. Many chemical engineering professionals are engaged in medical research to model living organisms (pharmacokinetic models), and to make biomedical devices (e.g., drug delivery capsules, synthetic materials, and prosthetic devices).

Because of increasing interest in this field of study, the major in chemical–biomedical engineering also provides an avenue for students interested in pursuing a career in medicine, biotechnological patent law, or biomedical product sales and services.

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 courses transferred into the Department of Chemical and Biomedical Engineering. Students should contact the department for the most up-to-date information concerning the chemical engineering major requirements.

There are five majors within the chemical engineering Bachelor’s degree program. These include chemical engineering, chemical-environmental engineering, chemical-bioengineering, chemical-materials engineering, and chemical-biomedical engineering. Most of the curriculum is common to all five majors, and includes topics in liberal studies, mathematics, basic science, computer science, advanced chemistry, general engineering science, and chemical engineering science and design. History/social science and humanities/fine arts electives must be selected to satisfy the Florida State University liberal studies requirement. Students in all five majors should successfully complete the following courses in addition to the liberal studies, other University, and College of Engineering requirements:

**Math and Science Prerequisites**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytic Geometry I (4)</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II (4)</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>Calculus with Analytic Geometry III (5)</td>
</tr>
<tr>
<td>ECH 3301</td>
<td>Introduction Process Analysis and Design for Chemical Engineers (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MAP 3305</td>
<td>Engineering Mathematics I (3)</td>
</tr>
<tr>
<td>CHM 1045</td>
<td>General Chemistry I (3)</td>
</tr>
<tr>
<td>CHM 1045L</td>
<td>General Chemistry I Laboratory (1)</td>
</tr>
<tr>
<td>CHM 1046</td>
<td>General Chemistry II (3)</td>
</tr>
<tr>
<td>CHM 1046L</td>
<td>General Chemistry II Laboratory (2)</td>
</tr>
<tr>
<td>BSC 2010</td>
<td>Biological Science I (3)</td>
</tr>
</tbody>
</table>

- **Chemical Engineering.** The most common major, it prepares students for employment or further study in traditional areas of chemical engineering (described above).

- **Chemical-Environmental Engineering.** Chemical engineers will play a pivotal role in developing future pollution prevention strategies by improving and replacing current products and processes. Upcoming efforts will focus on integrating the design and production of goods with their ultimate disposal and reuse. Chemical engineers will provide the means to not only prevent pollution, but move to the concept of creating a sustainable society where most products are recycled repeatedly.

- **Chemical-Bioengineering.** Biochemical engineering is a highly interdisciplinary field that has arisen from the application of chemical engineering principles to the production of materials derived from living systems. A number of processes and products, including fermentation for making alcohols and various foods, the efficient use of enzymes for tanning leather, the use of bacteria for biological waste treatment, and the production of antibiotics from mold culture, have been developed and utilized in the past. Bioengineering combines biochemical engineering with other aspects of life sciences applied to engineering, such as pharmacology and biotechnology.

- **Chemical-Materials Engineering.** Chemical engineers have extensively developed and studied the molecular structures and dynamics of materials—including solids, liquids, and gases—in order to develop macroscopic descriptions of the behavior of such materials. In turn, these macroscopic descriptions have allowed the construction and analysis of unit processes that facilitate desired chemical and physical changes. This constant interplay between molecular scale understanding and macroscopic descriptions is unique and central to the field of chemical engineering.

- **Chemical-Biomedical Engineering.** Biomedical engineering concerns the application of chemical engineering principles and practices to large scale living organisms, most specifically human beings. As one of the newest subdisciplines of chemical engineering, the field is a rapidly evolving one involving chemical engineers, biochemists, physicians, and other health care professionals. Biomedical research and development is carried out at universities, teaching hospitals, and private companies, and it focuses on conceiving new materials and products designed to improve or restore bodily form or function. Biomedical engineers are employed in diverse areas such as artificial limb and organ development, genetic engineering research, development of drug delivery systems, and cellular and tissue engineering. Many chemical engineering professionals are engaged in medical research to model living organisms (pharmacokinetic models), and to make biomedical devices (e.g., drug delivery capsules, synthetic materials, and prosthetic devices).

Because of increasing interest in this field of study, the major in chemical–biomedical engineering also provides an avenue for students interested in pursuing a career in medicine, biotechnological patent law, or biomedical product sales and services.

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 courses transferred into the Department of Chemical and Biomedical Engineering. Students should contact the department for the most up-to-date information concerning the chemical engineering major requirements.

There are five majors within the chemical engineering Bachelor’s degree program. These include chemical engineering, chemical-environmental engineering, chemical-bioengineering, chemical-materials engineering, and chemical-biomedical engineering. Most of the curriculum is common to all five majors, and includes topics in liberal studies, mathematics, basic science, computer science, advanced chemistry, general engineering science, and chemical engineering science and design. History/social science and humanities/fine arts electives must be selected to satisfy the Florida State University liberal studies requirement. Students in all five majors should successfully complete the following courses in addition to the liberal studies, other University, and College of Engineering requirements:

**Math and Science Prerequisites**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311</td>
<td>Calculus with Analytic Geometry I (4)</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus with Analytic Geometry II (4)</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>Calculus with Analytic Geometry III (5)</td>
</tr>
<tr>
<td>ECH 3301</td>
<td>Introduction Process Analysis and Design for Chemical Engineers (3)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MAP 3305</td>
<td>Engineering Mathematics I (3)</td>
</tr>
<tr>
<td>CHM 1045</td>
<td>General Chemistry I (3)</td>
</tr>
<tr>
<td>CHM 1045L</td>
<td>General Chemistry I Laboratory (1)</td>
</tr>
<tr>
<td>CHM 1046</td>
<td>General Chemistry II (3)</td>
</tr>
<tr>
<td>CHM 1046L</td>
<td>General Chemistry II Laboratory (2)</td>
</tr>
<tr>
<td>BSC 2010</td>
<td>Biological Science I (3)</td>
</tr>
</tbody>
</table>
Advanced Chemistry Electives

CHM 2210 Organic Chemistry I (3)
CHM 2211 Organic Chemistry II (3)
CHM 4410 Physical Chemistry I (3)
CHM 4410L Physicochemical Measurements and Techniques I (1)
CHM 4411 Physical Chemistry II (3)
CHM XXXX Advanced Chemistry Elective (3)

General Engineering

EGN 1004L First Year Engineering Lab (1)
EGM 3512 Engineering Mechanics (4)
EEL 3003 Introduction to Electrical Engineering (3)
EEL 3003L Introduction to Electrical Engineering Laboratory (1)

Chemical Engineering Science and Design

ECH 3023 Mass and Energy Balances I (3)
ECH 3024 Mass and Energy Balances II (3)
ECH 3101 Chemical Engineering Thermodynamics (3)
ECH 3266 Introductory Transport Phenomena (3)
ECH 3274L Measurements and Transport Phenomena Laboratory (3)
ECH 3418 Separations Processes (3)
ECH 3854 Chemical Engineering Computations (4)
ECH 4267 Advanced Transport Phenomena (3)
ECH 4323 Process Control (3)
ECH 4323L Process Control Laboratory (1)
ECH 4404L Unit Operations Laboratory (3)
ECH 4504 Kinetics and Reactor Design (3)
ECH 4604 Chemical Engineering Process Design I (4)
ECH 4615 Chemical Engineering Process Design II (3)
ECH 4XXX Chemical Engineering Electives (6) [(3) for Biomedical Engineering majors]

Major Requirements

In addition to the courses listed above that are required for all majors, the following courses are specifically required for each of the five majors.

Major in Chemical Engineering

Advanced Chemistry Elective. The advanced chemistry elective is to be selected from the following courses offered in the Department of Chemistry and Biochemistry, or selected other courses in either chemical engineering or biological sciences specifically approved by the Chair of the Department of Chemical and Biomedical Engineering.

CHM 2211L Organic Chemistry II Laboratory (3)

Major in Chemical Engineering—Environmental

Advanced Chemistry Elective

CHM 3120 Introduction to Analytical Chemistry (2)

Chemical Engineering Electives

ECH 4781 Chemical Engineering Environmental (3)
ECH 4937 Special Topics in Chemical Engineering (1-3)
GLY 2010C Physical Geology (4)

Major in Chemical—Bioengineering

Advanced Chemistry Elective

BCH 4053 General Biochemistry I (3)

Chemical Engineering Electives

ECH 4743 Chemical Engineering Bioengineering (3)
ECH 4937r Special Topics in Chemical/Biomedical Engineering (1-3)
BME 4937r Special Topics in Chemical/Biomedical Engineering (1-3)

Major in Chemical—Materials Engineering

Advanced Chemistry Elective

CHM 3120 Introduction to Analytical Chemistry (2)

Chemical Engineering Electives

ECH 4823 Introduction to Polymer Science and Engineering (3)
ECH 4824 Chemical Engineering Materials (3)
ECH 4937 Special Topics in Chemical Engineering [Molecular Engineering] (3)
EML 3234 Materials Science and Engineering (3)
PHY 3101 Modern Intermediate Physics (3)
PHY 3221 Intermediate Mechanics (3)

Major in Chemical—Biomedical Engineering

Psychology Liberal Studies Course

PSY 2012 General Psychology (3)

Chemical and Biomedical Engineering Science and Design

BME 4403C, 4404C Quantitative Anatomy and Systems Physiology I and II [two course sequence] (3,3)

Biomedical Engineering Elective (take one)

ECH 4741 Biomedical Engineering (3)
ECH 4743 Chemical Engineering/Bioengineering (3)
ECH 4904 Undergraduate Research Project (1–3) [for a total of 6 credits]
ECH 4906 Honors Work in Chemical Engineering (1–3) [for a total of 6 credits]

Pre-Med Electives (recommended)

BCH 4053 General Biochemistry I (3)
BCH 4054 General Biochemistry II (3)
BSC 2011 Biological Science I (3)
BSC 2011L Biological Science II Laboratory (2)
CHM 2211L Organic Chemistry II Lab (3)
PCB 3063 General Genetics (3)
PCB 3743 Vertebrate Physiology (3)

Undergraduate Research Program (URP)

The Department of Chemical and Biomedical Engineering offers an Undergraduate Research Program (URP) in chemical and biomedical engineering to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. The program is tiered, with those students meeting a more stringent set of academic requirements being admitted to the Honors in the major (Chemical and Biomedical Engineering) program. For requirements and other information, contact the department, and see the “University Honors Office and Honor Societies” chapter of this General Bulletin.
Definition of Prefixes

BME—Biomedical Engineering
ECH—Engineering: Chemical
EGN—Engineering: General

Undergraduate Courses

BME 4082. Biomedical Engineering Ethics (3). Prerequisite: Senior or graduate standing in biomedical engineering. This course is an introduction to the key theories, concepts, principles, and ethical guidelines that underpin the development of biomedical professional ethics. The student is facilitated in his/her development of a code of professional ethics through written work, class discussion, and case analysis.

BME 4403C. Quantitative Anatomy and Systems Physiology I (3). Prerequisites: ECH 3302, ECH 3303, and ECH 4504, all with a grade of “C” or higher. Corequisites: ECH 3101 with a “C–” or better, ECH 3266, ECH 3301, and CHM 4410. Corequisites: ECH 3327L, ECH 3418, and ECH 4267. This course, the second in a two-semester sequence, introduces engineering students to principles of anatomy and physiology of the human body. The lecture portion of the course focuses on relating fundamental biomedical engineering concepts to the human physiological system. The laboratory portion of the course involves a practical, in-depth study of the physical and chemical interrelationships in the form and function of all human anatomical and physiological subsystems.

BME 4404C. Quantitative Anatomy and Systems Physiology II (3). Prerequisites: BME 4403C, ECH 3101, ECH 3266, ECH 3854, EGM 3512, and CHM4410. Corequisites: ECH 3327L, ECH 3418, and ECH 4267. This course, the second in a two-semester sequence, introduces engineering students to principles of anatomy and physiology of the human body. The lecture portion of the course focuses on relating fundamental biomedical engineering concepts to the human physiological system. The laboratory portion of the course involves a practical, in-depth study of the physical and chemical interrelationships in the form and function of all human anatomical and physiological subsystems.

BME 4801. Biomedical Engineering Process Design I (3). Prerequisites: BCH 4053, BME 4404C, and ECH 3821. Corequisites: Senior standing. This is the first course of a two-semester sequence on the design of biomedical engineering processes and products. The first semester consists of introducing students to the principles of engineering economics and cost estimation techniques relating to principles of biomedical engineering design. Included is an introduction to computer-aided design calculations.

BME 4802. Biomedical Engineering Process Design II (3). Prerequisites: BCH 4053, BME 4403C, and BME 4801. Corequisites: Senior standing. This is the second course of a two-semester sequence on the design of biomedical engineering processes and products. The second term focuses on the actual design of biomedical engineering process or product using computer-aided design calculations. This is the capstone senior design course in biomedical engineering. An individual design project is completed by each student.

BME 4904r. Undergraduate Research Project in Biomedical Engineering (1–3). Prerequisite: Instructor permission. Corequisites: Junior standing. Completion in this course of a research project for six (6) semester hours with a grade of “C” or higher may be used to satisfy the program elective requirement. May be repeated to a maximum of (6) semester hours.

BME 4906r. Honors in Biomedical Engineering (1–3). Prerequisite: Instructor permission. Corequisites: Junior standing. Completion in this course of an honors research project for six (6) semester hours with a grade of “C” or higher may be used to satisfy the program elective requirement. May be repeated to a maximum of six (6) semester hours.

BME 4937r. Special Topics in Biomedical Engineering (1–3). Prerequisite: Instructor permission. Corequisites: Junior standing. Topics in this course emphasize recent developments in the field of biomedical engineering. Selected readings are assigned by the instructor. Structure of the course varies by instructor and topic, but generally involves lectures and a final project on a topic in biomedical engineering. May be repeated to a maximum of twelve (12) semester hours.

ECH 2050. Chemical Engineering Communications (2). Techniques for effective oral communication are freely encountered by the practicing engineer. Speaking skills will be applied in informal presentations, formal presentations, and interviews.

ECH 3023. Mass and Energy Balances I (3). Prerequisites: CHM 1046 and MAC 2312. Corequisites: CHM 2210, MAC 2313, and PHY 2048C. This course examines the effect of changes and disturbances on chemical-process systems, process measurements and development of problem-solving methodologies in mass-energy balances, single or complex multiphase systems. The course introduces general chemical-engineering concepts, lays the foundation for mass and energy balances of chemical processes, and applies fundamental knowledge about stoichiometry and chemical equilibrium to simple combustion or product-separation reactions.

ECH 3024. Mass and Energy Balances II (3). Prerequisites: CHM 1046C, ECH 3023, ECH 3821, and MAC 2313. This course is the second in a two-semester series introducing the general concepts of chemical engineering and laying the foundation to establish both the mass and energy balance of a chemical process. An introduction to the effect of changes and disturbances on chemical processes in equilibrium chemical reaction processes is introduced. Transient mass and energy balances are applied to chemical systems. Case studies are analyzed using computational methods. The basic principles of error analysis and data fitting to models are applied to selected examples in chemical engineering.

ECH 3101. Chemical Engineering Thermodynamics (3). Prerequisites: ECH 3023 and ECH 3264 with grades of “C–” or better, MAP 3305, and PHY 2049C. Corequisites: CHM 4410 and ECH 3265. Energy balances and entropy analysis for systems of chemical engineering interest. Computer calculations involving real fluids, mixtures, phase equilibrium, and chemical equilibrium.

ECH 3266. Introductory Transport Phenomena (3). Prerequisites: CHM 2210, ECH 3203 and ECH 3101 with a “C–” or better, EGM 3512, and MAP 3305. Corequisites: ECH 4318. This course is an introduction to the effect of changes and disturbances on chemical processes involving fluid flow and heat and mass transfer; estimation of friction factors, and heat and mass transfer coefficients; pump selection and sizing and piping network analysis; and an introduction of heat exchangers.

ECH 3274L. Measurements and Transport Phenomena Laboratory (3). Prerequisites: CHM 4410, ECH 2050, and ECH 3265. Course reinforces principles of physical property measurement and transport phenomena through a series of laboratory experiments. The main emphasis of the course is placed on the written and oral communication of the laboratory results. Includes the use of error analysis techniques for handling experimental data and error analysis and design of experiments.

ECH 3301. Introduction to Process Analysis and Design for Chemical Engineers (3). Prerequisite: MAC 2313. This course will examine the development of process models for equilibrium and dynamic systems, including stage-gorge processes, that arise in chemical engineering. Emphasis is placed on the use of steady-state chemical engineering design and analysis with real-time computer-aided calculations.

ECH 3330. Statistical Approach to Process Improvement (3). Prerequisite: Completion of the academic requirements through the sophomore year in chemical engineering or in other engineering disciplines. This course covers ways to apply statistical process control and methods of planned experimentation to the design of products and processes, as well as to continuous quality improvement. Topics covered include control charts, process-capability studies; loss functions; acceptance sampling; design of experiments for screening studies and response-surface modeling; and analysis of variance. The course also introduces case studies in chemical processes, food engineering, and health care.

ECH 3418. Separations Processes (3). Prerequisites: CHM 2210, ECH 3023 and ECH 3101 with a “C–” or better, EGM 3512, and MAP 3305. Corequisites: ECH 4053. This course examines the principles of equilibrium and transport-controlled separations. Topics include analysis and design of stage-wise and continuous separation processes, including distillation, absorption, extraction, filtration, and membrane separations.

ECH 3821. Computer Applications in Chemical Engineering (3). Prerequisite: MAC 2311. This course is an introduction to computational tools available for the solution of chemical engineering problems. The course will also look at the use of spreadsheets, high-level programming languages such as MATLAB, and computer algebra systems such as Maple in chemical engineering applications. This course will also provide an introduction to the use of chemical process simulators.

ECH 3854. Chemical Engineering Computations (4). Prerequisites: A grade of “C–” or better in ECH 3023, ECH 3024, and ECH 3301. Corequisites: ECH 3101, ECH 3266, and CHM 4410. The first part of this course is an introduction to computational tools available for the solution of chemical-engineering problems, with emphasis on the use of high-level programming languages such as MATLAB, and chemical process simulators. The second part of this course is an introduction to practical numerical techniques for using computers to solve chemical-engineering problems, with emphasis on solutions of equations in one variable, interpolation and polynomial approximation, numerical differentiation and integration, initial-value problems for ordinary differential equations, direct methods of solving linear systems, iterating techniques in matrix algebra, and numerical solutions in nonlinear systems of equations.

ECH 3949r. Cooperative Work Experience (0). (S/U grade only.)

ECH 4267. Advanced Transport Phenomena (3). Prerequisites: ECH 3266 and ECH 3418. Corequisites: ECH 3274L. This course examines the following topics: molecular mechanisms for momentum, heat, and mass transport; differential balance equations for conservation of mass, momentum, and energy; steady-state and unsteady-state chemical processes involving diffusive and convective mass transfer in solids, liquids, and gases; interface transfer mechanisms; and boundary layer theory and turbulent transport.


ECH 4432L. Process Control Laboratory (1). Corequisite: ECH 4432. Experiments designed to illustrate and apply control theory, measurement techniques, calibration, tuning of controls, characterization of sensors, and control circuits.

ECH 4440L. Unit Operations Laboratory (3). Prerequisite: ECH 3264L. Preparing experimental plans and doing the required experimental work with unit operations equipment to meet specific objectives. Emphasis is on computer data analysis and on oral/written communication skills.


ECH 4615. Chemical Engineering Process Design II (3). Prerequisites: ECH 4504 and ECH 4604. Design of chemical process facilities and computer-aided design. An individual design project is completed by each student.

ECH 4741. Biomedical Engineering (3). Prerequisite: Senior standing in chemical engineering. An introduction to the field of biomedical engineering with particular emphasis on the biomedical engineering role. Emphasis is placed on hemodynamics, human physiology, pharmacodynamics, artificial organs, biomaterials, biomechanics, and clinical engineering.
EChem 4743. Chemical Engineering/Bioengineering (3). Prerequisite: Senior standing in chemical engineering. Corequisite: EChem 4504. Introduction to the major principles of the life sciences (microbiology, biochemistry, biophysics, genetics) that are important for biotechnological applications. Extension of the chemical engineering principles of kinetics, reactor design, heat and mass transport, thermodynamics, process control, and separation processes to important problems in bioengineering.


EChem 4800C. Distilled Spirits Processing and Properties (3). Prerequisites: Completion of sophomore-year academic requirements in chemical engineering, other engineering discipline, or in a related science; and instructor permission. This course involves the production of a distilled-spirit sample at a commercial facility, followed by an in-depth chemical analysis of the product through the use of sophisticated instrumentation located at a university chemistry laboratory in Scotland. This intensive course takes place over a two week period in which students are instructed in the operational procedures of the plant and given hands-on involvement in an actual production run. Lecture and laboratory sessions following the production run focus on a detailed chemical and physical analysis of the distilled spirit sample using spectroscopic, chromatographic, and NMR techniques.

EChem 4823. Introduction to Polymer Science and Engineering (3). Prerequisite: Senior standing in chemical engineering. Introduction to the physical chemistry, reaction kinetics, reaction engineering, and processing of polymeric systems.

EChem 4824. Chemical Engineering Materials (3). Prerequisite: Senior standing in chemical engineering. Introduction to materials science and engineering from a chemical engineering perspective. Fundamentals of engineering materials, including polymers, metals, and ceramics are studied. Emphasis is placed on the strong interrelationship between materials structure and composition, synthesis and processing, and properties and performance.

EChem 4900C. Undergraduate Research Project (1–3). Prerequisites: EChem 3101 and EChem 3265. This course consists of independent research on a topic relevant to chemical engineering. May be repeated to a maximum of nine (9) semester hours.

EChem 4905r. Directed Individual Study (1–3). Prerequisite: Senior standing in chemical engineering. May be repeated to a maximum of twelve (12) semester hours.

EChem 4910. Supervised Research (3). (S/U grade only.)

EChem 4934. Directed Individual Study (1–3). Prerequisite: Senior standing in chemical engineering. Topics in chemical engineering with emphasis on recent developments. May be repeated to a maximum of twelve (12) semester hours.

EChem 4937r. Special Topics in Chemical Engineering (1–3). Prerequisite: Senior standing in chemical engineering. Topics in chemical engineering with emphasis on recent developments. May be repeated to a maximum of twelve (12) semester hours.

EChem 5032. Engineering Ethics (3). Prerequisite: Junior standing in engineering. This course introduces the key theories, concepts, principles, and methodology relevant to the development of professional engineering ethics. The student will be guided in his/her development of a code of professional ethics through written work, class discussion, and case analysis.

Graduate Courses

BME 5086. Biomedical Engineering Ethics (3).
BME 5620. Biophysical Chemistry and Biothermodynamics (3).
BME 5905r. Directed Individual Study (1–3).
BME 5910. Supervised Research (3). (S/U grade only.)
BME 5935r. Biomedical Engineering Seminar (0). (S/U grade only.)
BME 5937r. Special Topics in Biomedical Engineering (3).
BME 6530. NMR and MRI Methods in Biology and Medicine (3).
BME 6938r. Special Topics in Biomedical Engineering (3).
EChem 5052. Research Methods in Chemical Engineering (3).
EChem 5126. Advanced Chemical Engineering Thermodynamics I (3).
EChem 5261. Advanced Transport Phenomena I (3).
EChem 5262. Advanced Transport Phenomena II (3).
EChem 5526. Advanced Reactor Design (3).
EChem 5740. Fundamentals of Biomolecular Engineering (3).
EChem 5828. Introduction to Polymer Science and Engineering (3).
EChem 5841. Advanced Chemical Engineering Mathematics II (3).
EChem 5852. Advanced Chemical Engineering Computations (3).
EChem 5905r. Directed Individual Study (1–3).
EChem 5910. Supervised Research (3). (S/U grade only.)
EChem 5934r. Special Topics in Chemical Engineering (3).
EChem 5935r. Chemical Engineering Seminar (0). (S/U grade only.)
EChem 6272. Molecular Transport Phenomena (3).

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

CHEMICAL PHYSICS:

see Graduate Bulletin
Department of Chemistry and Biochemistry

College of Arts and Sciences

Chair: Joseph B. Schlenoff; Associate Chair: William T. Cooper; Professors: Brüscheville, Cooper, Cross, Dalal, Dorsey, Gilmer, Holton, Kraft, Kroto, Logan, Marshall, Saltiel, Sang, Schlenoff, Steinbock, Stiegman, Strouse; Associate Professors: Al Bowen, Dudley, Goldsby, Hilinski, Li, McQuade, Assistant Professors: Knappenberger, Lattimer, Miller, Roper, Shatruck, Stagg, Striegel, Yang, Zhu; University Professor: Kasha; Coordinator of General Chemistry Laboratories: Dillon; Professors Emeriti: Choppin, Clark, DeTar, Dougherty, Fulton, Herz, Johnsen, Light, Linder, Mellon, Rhodes, Safron, Schwartz, Sheline, Vickers; Professor Emerita: Hoffman

The Department of Chemistry and Biochemistry offers the undergraduate degrees of Bachelor of Science (BS) and Bachelor of Arts (BA) in chemistry, biochemistry, and chemical science. Students seeking BS or BA degrees in chemistry may major in chemistry or environmental chemistry. A degree in chemistry or biochemistry is suitable preparation for a variety of career choices, including immediate employment in the chemical, biochemical, environmental, and related industries, or graduate study in chemistry, biochemistry, chemical physics, biophysics, or medicine. Chemistry majors should take note of the possibility of earning certification by the American Chemical Society in completing their degree requirements. Details of this program are given below. Additional work in mathematics and physics is appropriate for students planning to conduct graduate work in physical chemistry and chemical physics. For those interested in graduate work in biochemistry or biophysics, the baccalaureate degree in biochemistry or the degree in chemistry with electives including BCH 4053, 4054, and selected biology courses is recommended. Students interested in careers in the environmental sciences, ecology and ecosystem management, and environmental toxicology are encouraged to obtain the chemistry degree with a major in environmental chemistry. In every case students should plan their programs in consultation with an academic adviser. Normally students begin taking courses required for the major in the first year, and it is important to consult with a chemistry adviser as early as possible.

The baccalaureate degree in chemical science is offered to meet the needs of those students whose career goals lie outside chemistry but require a strong foundation in science. This program is appropriate, for example, for a student interested in forensic science, medical technology, oceanography, the earth sciences, or health-allied sciences, or for students planning a career in business, public policy, or law with an emphasis in science and/or technology. Compared to the other degree programs in this department, chemical science has a smaller core of required courses to which students are expected to add elective work in other areas after consultation with their adviser. The chemical science degree is not appropriate for students interested in graduate study in chemistry or closely related disciplines such as biochemistry, environmental chemistry, or marine chemistry, or for students seeking employment in the chemical industry immediately upon graduation.

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 chemistry, biochemistry, and chemical science satisfy this requirement by earning a grade of “C-” or higher in CHM 3120L.

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/navigation/detail_ext/cpp_intro.do?pagelist=060304 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 or CHM X045E
2. CHM X046/X046L or CHM X046C or CHM X046E
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. Choose one of the following sequences:
   a. CHM X210/X210L and CHM X211/X211L
   b. CHM X210C and CHM X211C or PHY X048/X048L and PHY X049/X049L or PHY X048C and PHY X049C or PHY X053C or PHY X053/X053L and PHY X054C or PHY X054/X054L

Biochemistry
1. BSC X010/X010L and BSC X011L, or PCB X010 or PCB X011 or PCB X021 or PCB X131 or BSC X040 or BSC X012 or ZOO X010 or BOT X010 or BSC X041 or BOT X013
2. CHM X045/X045L
3. CHM X046/X046L
4. CHM X210/X210L or an equivalent course
5. CHM X211/X211L or an equivalent course
6. MAC X312 or an equivalent calculus II course for science and engineering majors

Chemical Sciences
1. CHM X045/1045L or CHM X040 and CHM X041 or CHM X045C or CHM X045E
2. CHM X046/X046L or CHM X046C or CHM X046E
3. MAC X311
4. Choose one of the following sequences:
   a. CHM X210/X210L and CHM X211/X211L
   b. PHY X053C and PHY X054C
Note: CHM X210C and CHM X211C are an acceptable substitute for CHM X210/X210L.

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, 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 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.

Requirements

Please review all college-wide degree requirements, including the foreign language requirement, summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

The Bachelor of Arts (BA) degree can be obtained by completion of the Bachelor of Science (BS) degree requirements plus additional courses required by the University as set forth in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Students who expect to transfer to Florida State University should note that all chemistry courses at the 4000 level applied toward any of the 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 interdisciplinary minor approved by the Department of Chemistry and Biochemistry. This interdisciplinary minor may be used for the chemical science majors who substitute calculus-based physics for the required non-calculus-based physics. Otherwise the baccalaureate degree in chemical science must include a minor of twelve 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 five unsatisfactory grades (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, 4411, 4411L); and one semester of inorganic chemistry (CHM 4610) and the associated laboratory (CHM 4610L). Also required are mathematics through calculus II 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, 4411, 4411L); and one semester 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 CHC 4053 and one additional upper-level chemistry course. Independent research taken as CHM 4905r, Directed Individual Study, or 4906r, Honors Work, may be counted as the upper-level chemistry course, provided that a final report is written by the student. Students planning to obtain ACS certified degrees should consult with an adviser in the Department of Chemistry and Biochemistry or the departmental Web site. Also required are mathematics through calculus II and two semesters of calculus-based physics. Otherwise the baccalaureate degree in chemical science must include a minor of 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.

**Baccalaureate Degree in Biochemistry**

**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, 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 Web site.

**Baccalaureate Degree in Chemical Science**

Students must complete the two-semester sequences in general chemistry (CHM 1045, 1045L, 1046, 1046L, or CHM 1050, 1050L, 1051, 1051L); organic chemistry (CHM 2210, 2211, 2211L); analytical chemistry (CHM 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.

**Suggested Specialized Electives for Chemical Science**

**Medicine**

Students intending to study medicine are advised to satisfy the minimum requirements with BSC 2010, 2010L, 2011, 2011L; PCB 3063; and the four credit hour premedical Human Biochemistry (BCH 4624) course. Vertebrate Physiology (PCB 3743) is a recommended elective. Furthermore, calculus II, the calculus-based physics courses, and certain other upper-level biology courses may provide additional preparation for the MCAT and subsequent coursework in medical school. These students should prepare programs of study in consultation with advisers in the Department of Chemistry and Biochemistry and with the College of Medicine.

**Forensic Science**

Students intending to pursue a career in forensic science may choose to major in chemical science with the addition of the following courses: BSC 2010, 2010L, 2011, 2011L and a biochemistry course with lab (BCH 3023C, or BCH 4053 and BCH 4053L). Certain government agencies (e.g. the FBI) may recommend a background in accounting.

**Oceanography**

Students intending to specialize in oceanography are advised to include OCE 4011 in the program of studies, along with selected electives in biological and earth sciences (e.g., GLY 4240; OCC 5050).

**Business**

The baccalaureate degree in chemical science with a minor in business can prepare students for management and marketing positions in the chemical and other technical industries and also provide a strong technical background for students interested in entering programs such as that for the Master of Business Administration (MBA) degree. Suggested minor courses are at least one course each in accounting, management, marketing, and finance and one or more business electives. In addition, courses in economics and behavioral science (satisfying liberal studies social sciences requirement) and in computer programming, statistics, and written composition beyond basic English are recommended. Consult with an adviser in the Department of Chemistry and Biochemistry and with a representative of the College of Business in preparing a specific program.

**Requirements for a Minor in Chemistry**

The requirements for a minor in chemistry include the two-semester sequence in general chemistry (CHM 1045, 1045L, 1046, 1046L, or CHM 1050/1050L). At least one of the following course sequences: CHM 1045/1045L, 1050/1050L and at least one of the following courses: CHM 2210/2211, CHM 3120/3120L, CHM 4410/4411. A minimum of twelve semester hours is required. Grades below “C–” will not be accepted for minor credit.

**Advanced Placement in Chemistry**

Students with an Advanced Placement (AP) score of 3 will receive four semester hours of credit in CHM 1020/L; an AP score of 4 earns the student credit for CHM 1045, 1045L; an AP score of 5 earns the student credit for CHM 1045, 1045L, 1046, and 1046L. Students with an AP score of 3 or 4 are eligible to take a departmental placement exam for CHM 1045 and 1045L.
International Baccalaureate Diploma

International Baccalaureate (IB) diploma holders with a score of 4 will receive three semester hours of credit in CHM 1020C. Those with a score of 5 or higher will earn credit for CHM 1020 (2 hours) and 1045/1045L (4 hours).

Policy on Reduced Credit

Students 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 Lectures</th>
<th>CHM 1020</th>
<th>CHM 1032</th>
<th>CHM 1045</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1020 only</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHM 1032 only</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHM 1045 only</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CHM 1020, then 1032</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CHM 1020, then 1045</td>
<td>3</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>CHM 1020, then 1032, then 1045</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>CHM 1032, then 1045</td>
<td></td>
<td>3</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
CHS—Chemistry: Specialized
ISC—Interdisciplinary Sciences
PSC—Physical Sciences
SCE—Science Education

Undergraduate Courses

General Chemistry

CHM 1020. Chemistry for Liberal Studies (3). Intended to provide the non-science major with an introductory study of chemistry principles without an extensive use of mathematics. This course is designed for students who wish to fulfill the liberal studies science requirement with chemistry and will take no further chemistry courses. This course is not designed as a preparatory course for CHM 1045. Major topics include elementary atomic theory, gas laws, states of matter. Credit not allowed for CHM 1020 after taking CHM 1032, 1045, or equivalent.

CHM 1020L. Chemistry for Liberal Studies Laboratory (1). Prerequisite: CHM 1020. No credit allowed after taking CHM 1045. Laboratory emphasizing major topics from CHM 1020: quantitative observations, properties of matter, separation of mixtures. This laboratory-based course meets two (2) hours a week.

CHM 1032. Survey of General Chemistry (3). Prerequisite: MAC 1105. 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). Lecture, three (3) hours per week, and recitation, one (1) hour. Prerequisite: MAC 1105 with a grade of “C-” or better or placement beyond MAC 1105. Corequisite: CHM 1045L. Topics include 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 and/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 (3) hours a week.

CHM 1046. General Chemistry II (3). Lecture, three (3) hours per week, and recitation, one (1) hour. Prerequisites: CHM 1045 and 1045L or CHM 1050 and 1050L (all with a grade of “C-” or better). Corequisite: CHM 1046L. Topics include intermolecular forces, chemical kinetics, equilibrium, acids and bases, elementary thermodynamics, and electrochemistry.

Analytical Chemistry

CHM 3120. Introduction to Analytical Chemistry (2). Prerequisite: A grade of “C-” or better in CHM 1046 and CHM 1046L. This lecture-based course covers statistical analysis of analytical data, acid-base titrations, electrochemistry, analytical separations, as well as atomic and molecular optical spectroscopy.

CHM 3120L. Introduction to Analytical Chemistry Laboratory (2). Prerequisite: CHM 3120. This course covers the laboratory portion of Introduction to Analytical Chemistry. Experiments include: potentiometric titration of acid mixtures, 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, and CHM 1046L. The application of geochemical principles to environmental issues. Topics include: an evaluation of contaminants in surface and ground water; hydrogen geochemistry and petroleum contamination; waste management, including solid, toxic and nuclear waste management; the chemistry of natural and anthropogenic organic compounds; precipitation; water pollution; drinking water; marine water; coastal areas; environmental methods and instrumentation, quality assurance, and quality control in environmental analysis; principles of toxicology; risk assessment and risk management.

CHM 4081. Environmental Chemistry II (3). Prerequisites: CHM 2211. Organic geochemistry of natural waters and sediments. An overview of the sources of organic matter in aquatic systems, the important reactions and transport mechanisms 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 will also be devoted to anthropogenic (xenobiotic) organic molecules. Discussion of how analytical techniques such as 13C NMR, mass spectrometry, 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 4130L. This course covers data analysis, laboratory computers, atomic and molecular optical spectroscopy, nuclear-magnetic resonance spectroscopy, chromatography and electrophoresis, electrochemistry, and mass spectrometry.
202 Florida State University

CHM 4130L. Advanced Analytical Chemistry Laboratory (1). Corequisite: CHM 4130 (recommended before CHM4130L). This is the laboratory portion of CHM 4130, Advanced Analytical Chemistry. Experiments include: signal enhancement by filtering and ensemble averaging, flame spectroscopy determination of Li and Mg, spectrofluorometric determination of quinine, UV-visible spectroscopy, high-performance liquid chromatography (HPLC) simulations, Raman spectroscopy, solvent extraction and gas chromatography, as well as HPLC determination of analgesics.

Biochemistry

BCH 2022C. Introduction to Biochemistry (3). Lecture, two (2) hours; laboratory, three (3) hours, alternating with one (1) hour recitation. Prerequisite: CHM 2200C. A survey of modern biochemistry with special emphasis on those concepts that might be of use to nutrition and food scientists.

BCH 4035. General Biochemistry I (3). Prerequisite: BCH 2210. Corequisite: CHM 2211L. While 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, other cellular constituents; enzyme catalysis bioenergetics; as well as carbohydrate metabolism and oxidative phosphorylation. This lecture-based course meets three (3) hours a week.

BCH 4043. General Biochemistry I Laboratory (3). Corequisite: BCH 4035. Laboratory conference, one (1) hour; laboratory, six (6) hours. Laboratory methods in biochemistry including electrophoresis, chromatography, cell fractionation, enzyme assays, ligand interactions, and recombinant DNA technology.

BCH 4054. General Biochemistry II (3). Prerequisite: BCH 4053. While 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 (3) hours a week.

BCH 4624. Human Biochemistry (4). Prerequisites: BCH 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 basic level as BCH 4053/4 but presents them in an accelerated pace. Topics include molecular structure, bioenergetics, enzymeology and enzyme regulation, metabolism, as well as gene expression and regulation. This lecture-based course meets four (4) hours a week.

Inorganic Chemistry

CHM 4610. Inorganic Chemistry (3). Lecture, three (3) hours. Prerequisites: CHM 2211 and CHM 2211L. Corequisite: CHM 4410 or instructor permission. Physical principles, systematics in the chemistry of periodic groups, descriptive chemistry of the inorganic elements. Topics such as atomic structure and the periodic classification of the elements, chemical bonding, acid-base reaction, acid-base chemistry of main group elements, and coordination chemistry of the transitional elements will be included.

CHM 4610L. Inorganic Chemistry Laboratory (1). Laboratory conference, one (1) hour; laboratory three (3) hours. Prerequisite: CHM 4610. Synthesis and characterization of inorganic compounds.

CHS 4100C. Techniques of Radiochemistry (3). Lecture, two (2) hours; laboratory, six (6) hours. Prerequisite: Physical chemistry or instructor permission. Principles of nuclear and radiochemistry. Techniques and applications of radiotracers are studied. The course is designed to prepare students in the theory and practice of nuclear science in chemistry and related science.

Organic Chemistry

CHM 2200. Survey of Organic Chemistry (3). Lecture, three (3) hours. Prerequisite: CHM 1032 or CHM 1046 and 1046L, and CHM 1046L. 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). Laboratory, four (4) hours. Corequisite: CHM 2200.

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 CHM 1051. 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 (3) hours a week.

CHM 2211. Organic Chemistry II (3). Lecture, three (3) hours; recitation one (1) hour. Prerequisite: CHM 2210 with a grade of “C–” or better or instructor permission.

CHM 2211L. Organic Chemistry II Laboratory (1). Conference, one (1) hour; laboratory, seven (7) hours. Prerequisite: CHM 2210 with a grade of “C–” or better. Corequisite: CHM 2211.

Physical Chemistry

CHM 3400. General Physical Chemistry (4). Lecture, three (3) hours; recitation, one (1) hour. Prerequisites: CHM 1046, CHM 1046L, and MAC 2311. An elementary treatment of general physical chemistry, including thermodynamics, equilibrium, electromotive force, kinetics, atomic structure, and an introduction to quantum theory. For the chemists 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 introductions to quantum mechanics and to statistical mechanics. This lecture-based course meets three (3) 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 introductions to quantum mechanics and to statistical mechanics. This lecture-based course meets three (3) hours a week.

CHM 4410L. Physical and Chemical Measurements and Techniques I (1). Laboratory, three (3) hours. Corequisite: CHM 4410. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

CHM 4411L. Physical and Chemical Measurements and Techniques II (2). Laboratory, six (6) hours. Prerequisite: CHM 4410L. Corequisite: CHM 4411. Satisfaction of the University’s requirement for computer skills is recommended before attempting this course.

Graduate Courses

Analytical Chemistry

CHM 5058. Environmental Chemistry I (3).
CHM 5055. 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.)

Inorganic 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).

Organic Chemistry

CHM 5245. Physical Organic Chemistry (3).
CHM 5250. Advanced Organic Synthesis (3).
CHM 5330. Graduate Survey of Organic Chemistry (3).
CHM 5380r. Special Topics in Organic Chemistry (1-3).
CHM 6390r. Organic Chemistry Seminar (1). (S/U grade only.)

Physical Chemistry

CHM 5440. Physical and Chemical Kinetics (3).
CHM 5442. Kinetics and Mechanisms (3).
CHM 5460. Thermodynamics and Statistical Mechanics (3).
CHM 5461. Advanced Statistical Mechanics (3).
CHM 5470. Valence Theory (3).
CHM 5480. Quantum Mechanics (3).
CHM 5481. Advanced Quantum Mechanics (3).
CHM 5506. Biophysical Chemistry and Macromolecules I (3).
CHM 5507. Biophysical Chemistry and Macromolecules II (3).
CHM 5580r. Special Topics in Physical Chemistry (1-3).
CHM 5581r. Special Topics in Physical Chemistry (1-3).
CHM 5585r. Special Topics in Physical Chemistry (1-3).
CHM 6590r. Physical Chemistry Seminar (1).
Multiple Area Courses

CHM 5823r. Supervised Research (1–5). (S/U grade only.)
CHM 5830r. Directed Individual Study (1–6).
CHM 5831r. Directed Individual Study (1–6). (S/U grade only.)
CHM 5832r. Directed Individual Study (1–6). (S/U grade only.)
CHM 5833r. Directed Individual Study (1–6). (S/U grade only.)
CHM 5910. Chemical Research (3).
CHM 5911. Chemical Research (3).
CHM 5912. Chemical Research (3).
CHM 5935r. Chemistry Seminars (0). (S/U grade only.)
CHM 5940r. Supervised Teaching (1–5). (S/U grade only.)
CHM 5945. Seminar on Chemical Education (1). (S/U grade only.)

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

CHILD DEVELOPMENT:
see Family and Child Sciences

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

Chair: Kamal S. Tawfiq; Professors: Ping, Tawfiq, Wekezer; Associate Professors: Abdelraziq, Abichou, Chan Hilton, Huang, Mtega, Moses, Sobanjo, Spanihour; Assistant Professors: Chen, Rambo-Roddenberry, Watts, Jung, Clark; Associate in Civil Engineering: Adalier; Assistant in Civil Engineering: Pamiuu;

The Department of Civil and Environmental Engineering has the mission of teaching the fundamentals of civil engineering science, analysis, design, and management to empower students to assume careers as professional engineers, to conduct basic and applied research, to improve the state of knowledge of civil engineering, to serve as a source of information and advice to the community on engineering matters, and to assist in the continuing education of professional engineers and other interested individuals. The department has a special mission to provide an opportunity for a civil engineering education for minorities and women.

Opportunities and Facilities

Many opportunities exist in the field of civil engineering that encompass planning, designing, and managing a variety of projects. Your work could be on site at a project or at a computer workstation. Civil and environmental engineers often find themselves involved in many of the public 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, timer, 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 predict 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 quantity and quality of water, flood prevention, wastewater treatment, and water front erosion protection. As a professional in transportation engineering, your purpose is to move people and things in a safe and efficient manner locally and through mass transportation systems. Transportation facilities include highways, airfields, railroads, and sea ports. Several courses are also offered in construction engineering.

Instructional equipment includes the MTS structures and material testing systems within the Structures Laboratory; the 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. Desktop computers are supported by a cluster of Sun, DEC, and SGI servers. 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) degree in civil engineering. The civil engineering major is broad-based, emphasizing all aspects of civil engineering practice, including structural analysis and design; geotechnical, construction/transportation, hydraulics, and water resources; and environmental engineering. Within the civil engineering program, the environmental engineering major is a course of study that focuses primarily on environmental engineering, hydraulics, hydrology, water resources, and the management of all types of wastewater systems. The department also offers a minor in environmental engineering science. Regardless of focus, all students are taught to apply state-of-the-art technologies to the solutions of problems in these areas.

The department offers graduate programs leading to the Master of Science (MS) and Doctor of Philosophy (PhD) degrees in civil engineering. These programs provide areas of concentration in structural, geotechnical, environmental/water resources, and construction/transportation engineering. The department also offers a certificate in water and environmental resources engineering in partnership with the Center for Professional Development. Students may enroll as special students if they intend to use the certificate credits later. Students who do not wish to receive academic credit may sign up for continuing education units (CEU’s). Twelve semester hours are required to complete the program. Information and registration may be found at http://www.eng.fsu.edu/departments/cms/index.php?page=feeds_certs. 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. Exceptions may be granted where other evidence indicates an ability to perform satisfactorily graduate work. A student without a Bachelor’s degree in civil engineering may be required to complete undergraduate engineering articulation courses prior to attempting more advanced work. Admission to the doctoral program requires possession of a Master’s degree in civil or environmental engineering or a closely allied academic discipline from an accredited college or university, good standing in the academic institution last attended, evidence of a 3.0 GPA on a 4.0 scale as an upper level undergraduate or graduate student, and a minimum score of 1100 on the GRE. Exceptional applicants with a BS degree may be admitted to the Doctor of Philosophy (PhD) program, provided they complete an MS degree in the department before obtaining the PhD degree. For more details, refer to the Graduate Bulletin.

Program Educational Objectives

Upon completion of their course of study, graduates of the program in civil engineering are expected to accomplish following:

1. Progress in successful professional careers in civil, environmental, or related engineering fields, or intent to continue their studies at the graduate level
2. Engage in design or management issues, both professional activities needed by society, which are based on sound academic knowledge, gained management, oral and written communication and leadership skills, and on engineering practices
3. Become recognized professional engineers with a demonstrated commitment to life-long learning and continuous self-improvement in order to respond to the rapid pace of change in the profession of civil and environmental engineering
4. Contribute to workforce diversity as members and leaders of inter/multi-disciplinary teams

Program Outcomes

These objectives are further expanded and detailed through twelve program outcomes. The program outcomes are intellectual abilities that each student must gain from the program before he/she graduates. The following program outcomes are closely linked to program educational objectives.

a. An ability to apply knowledge of the following: mathematics, through differential equations and probability and statistics; science, including calculus-based physics and general chemistry; and engineering, to subsequent problems
b. An ability to design and conduct field and laboratory experiments, as well as to critically analyze and interpret data in more than one of the recognized civil engineering areas
c. An ability to design systems, components, or processes gained through design experiences integrated throughout the curriculum
d. An ability to function on interdiscplinary and multidisciplinary teams
e. An ability to identify, formulate, and solve civil and environmental engineering problems
f. An understanding of ethical and professional practice issues, including project design, execution, and delivery; and the importance of professional licensure and continuing education
g. An ability to communicate effectively
h. The broad education necessary to understand the impact of engineering solutions in a global/societal context
i. A recognition of the need for and an ability to engage in lifelong learning
j. Knowledge of contemporary civil and/or environmental issues
k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice
l. Knowledge in a minimum of four recognized areas within the civil engineering program.

Engineering Design
Following engineering design criteria established by the Accreditation Board for Engineering and Technology (ABET), the civil engineering curricula provide excellent design experiences for students. Faculty of the Department of Civil and Environmental Engineering have carefully integrated design components into the curriculum with increased complexity as students progress toward graduation. These design components offer opportunities for students to work individually and in teams on meaningful engineering design experiences building upon the fundamental concepts of mathematics, basic sciences, humanities, social sciences, engineering topics, and oral and written communication skills. Design components in engineering course work help students develop an appreciation for and apply the knowledge of the wide variety of courses they have studied. Consequently, they participate in meaningful solutions and effective design development for practical engineering problems.

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 4702 Concrete Design and CES 4605 Steel Design.

A major in environmental engineering includes ENV 4001 Environmental Engineering, which builds on material covered in EES 3040 Introduction to Environmental Engineering Science, CWR 3201 Hydraulics, and is followed by CWR 4202 Hydraulic Engineering I and CWR 4101 Engineering Hydrology. 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.org/navigation/detail_ext/cpp_intro.do?pageid=060304 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
2. ENC X102
3. MAC X311 or MAC X281 or MAC X282 or MAC X283
4. MAC X312 or MAC X281 or MAC X282 or MAC X283
5. MAC X313 or MAC X281 or MAC X282 or MAC X283
6. MAP X302
7. CHM X045/X045L or CHS X440 Chemistry for engineers
8. PHY X048/X048L
9. PHY X049/X049L
10. XXX XXXX: six (6) credit hours in humanities
11. XXX XXXX: six (6) credit hours in social science
12. XXX XXXX: three (3) additional credit hours in humanities or social science

Requirements for the Bachelor of Science in Civil Engineering: Civil Engineering Major
In addition to college requirements, a candidate for the BS degree in civil engineering will be expected to successfully complete the following requirements:

Mathematics and Basic Engineering Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCE 3101</td>
<td>Construction Materials (3)</td>
<td></td>
</tr>
<tr>
<td>CCE 3101L</td>
<td>Construction Materials Laboratory (1)</td>
<td></td>
</tr>
<tr>
<td>CEG 2202</td>
<td>Site Investigation (4)</td>
<td></td>
</tr>
<tr>
<td>CGN 2327L</td>
<td>Civil Engineering Graphic Lab (1)</td>
<td></td>
</tr>
<tr>
<td>EGM 3512</td>
<td>Engineering Mechanics (4)</td>
<td></td>
</tr>
<tr>
<td>EGN 1004L</td>
<td>First Year Engineering Lab (1)</td>
<td></td>
</tr>
<tr>
<td>EGN 2123</td>
<td>Computer Graphics for Engineers (2)</td>
<td></td>
</tr>
<tr>
<td>EGN 2212</td>
<td>Engineering Statistics and Computation (3)</td>
<td></td>
</tr>
<tr>
<td>EGN 3331</td>
<td>Strength of Materials (3)</td>
<td></td>
</tr>
<tr>
<td>EGN 3331L</td>
<td>Strength of Materials Lab (1)</td>
<td></td>
</tr>
<tr>
<td>EGN 3613</td>
<td>Principles of Engineering Economy (2)</td>
<td></td>
</tr>
<tr>
<td>EEL 3003</td>
<td>Introduction to Electrical Engineering (3)</td>
<td></td>
</tr>
<tr>
<td>EML 3100</td>
<td>Thermodynamics (2)</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCS 2010</td>
<td>Biological Science (3)</td>
<td></td>
</tr>
<tr>
<td>GLY 1030</td>
<td>Environmental Issues in Geology (3)</td>
<td></td>
</tr>
<tr>
<td>GLY 2010C</td>
<td>Physical Geology (4)</td>
<td></td>
</tr>
<tr>
<td>MET 2700</td>
<td>General Meteorology (3)</td>
<td></td>
</tr>
<tr>
<td>PCB 3043</td>
<td>General Ecology (3)</td>
<td></td>
</tr>
</tbody>
</table>

Civil Engineering Science and Design Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEG 3011</td>
<td>Soil Mechanics (3)</td>
<td></td>
</tr>
<tr>
<td>CEG 3011L</td>
<td>Soil Mechanics Lab (1)</td>
<td></td>
</tr>
<tr>
<td>CES 3100</td>
<td>Structural Analysis (4)</td>
<td></td>
</tr>
<tr>
<td>CWR 3201</td>
<td>Hydraulics (3)</td>
<td></td>
</tr>
<tr>
<td>CWR 3201IL</td>
<td>Hydraulics Lab (1)</td>
<td></td>
</tr>
<tr>
<td>EES 3040</td>
<td>Introduction to Environmental Engineering Science (3)</td>
<td></td>
</tr>
<tr>
<td>EES 3040L</td>
<td>Introduction to Environmental Engineering Science Lab (1)</td>
<td></td>
</tr>
<tr>
<td>TTE 3004</td>
<td>Transportation Engineering (3)</td>
<td></td>
</tr>
</tbody>
</table>

Civil Engineering Science and Design Courses
Students must take the following courses in five (5) areas plus one additional Technical Elective* for a total of twenty-one (21) hours credit. To meet the requirement, students may select elective courses (as indicated below) to specialize their degree program to suit their individual objectives.

1. Structures
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CES 4605</td>
<td>Steel Design (3)</td>
<td></td>
</tr>
<tr>
<td>CES 4702</td>
<td>Concrete Design (3)</td>
<td></td>
</tr>
</tbody>
</table>

2. Geotechnical
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEG 4801</td>
<td>Geotechnical Design (3)</td>
<td></td>
</tr>
</tbody>
</table>

3. Construction
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCE 4004</td>
<td>Construction Engineering (3)</td>
<td></td>
</tr>
</tbody>
</table>

4. Transportation
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTE 4XXX</td>
<td>Transportation elective (3)</td>
<td></td>
</tr>
</tbody>
</table>

5. Environmental/Water Resources
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 4001</td>
<td>Environmental Engineering (3)</td>
<td></td>
</tr>
</tbody>
</table>
1. If a student is on probation and does not, during the probationary semester, raise his/her GPA above 2.0 and achieve a grade of “C” or better in all applicable courses, the student is permanently dismissed from and will not be reinstated in the CEE program.

2. After declaring civil or environmental engineering as a major, accrues a total of three grades below “C” in math, science, or engineering courses that is required or a prerequisite in the curriculum.

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 advisor. 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.

EE US 3040 Introduction to Environmental Engineering Science
CG N 4800 Pre-Senior Design and Professional Issues
CG N 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 stated 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
CG N — Civil Engineering
CWR — Civil Water Resources
EES — Environmental Engineering Science
EGN — Engineering: General
ENV — Engineering: Environmental
TTE — Transportation Engineering

Undergraduate Courses
CCE 3101. Construction Materials (3). Prerequisite: EGN 3331. 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. In this course, students 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. Topics in this course include 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). Prerequisite: CCE 4004. Topics in this course include 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. Site Investigation (4). Prerequisite: MAC 1114. This course covers basic principles and procedures of various elements of surveying and site investigation including dimensions, measurements, leveling, angles and directions, traverse computations, geometric coordinates, topographic mapping, and highway horizontal and vertical curves. Contemporary surveying methods such as GPS and GIS are used. Lab includes use of field-surveying equipment and procedures.

CEG 3011. Soil Mechanics (3). Prerequisites: CEG 2202C. Corerequisite: EGN 3331. This course covers physical, index, hydraulic and mechanical properties of soils. Topics include classification, compaction, stress distribution, 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. Foundation Engineering (3). Prerequisite: MAC 2311. This course covers the design of spread footing, pile and caisson foundations, as well as retaining and waterfront structures. The course offers an introduction to 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 of remediation contaminated sites.

CEG 4801. Geotechnical Design (3). Prerequisites: CEG 3011 and CEG 3011L. This course covers geotechnical investigation, analysis, and design of different geotechnical structures, including earth retaining structures, slopes and embankments, earthwork with geosynthetic reinforcement, and foundation systems, as well as foundation support systems.

CES 3100. Structural Analysis (4). Prerequisite: EGN 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 determinant structures, as well as indeterminate analysis methods in frames, frames with flexibility, slope-deflection, moment distribution, and stiffness methods.

CES 4101. Advanced Structural Analysis (3). Prerequisites: CES 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.

CES 4605. Steel Design (3). Prerequisites: CES 3100 and EGN 3331. The 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.

CES 4702. Concretes Design (3). Prerequisites: CES 3100 and EGN 3331. This course covers reinforced and prestressed 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 and anchorage, and control of deflections and cracks.

CES 4704. Advanced Concrete Design (3). Prerequisites: CES 4101 and CES 4702. This course covers advanced topics pertaining to complex reinforced concrete elements and structures. Topics include analysis and design for torsion, biaxial columns, slender columns, two-way slabs, retaining walls, shear walls, deep beams, and the strut-and-tie method.

CES 4711. Prestressed Concrete (3). Prerequisites: CES 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.

CES 4800. Timber Design (3). Prerequisites: CES 3100 and EGN 3331. This course covers the design of basic timber structures including beams, columns, walls, and diaphragms — all using NDS specifications.

CES 4830. Masonry Design (3). Prerequisites: CES 3100; EGN 3331. This course covers the design of basic reinforced masonry structures including walls, columns, and foundations. SBC and code applications are used.

CGN 2327L. Civil Engineering Graphic Lab (1). Prerequisite: EGN 2123. This is the lab section for the Computer Graphics for Engineers general course. This lab provides hands-on experience in utilizing the latest version of AutoCAD and MicroStation for technical drawing typical of the design projects in civil and environmental engineering.

CGN 3949. Cooperative Work Experience (0). (S/U grade only). Field work in an approved civil-engineering agency program for integration of theory and professional practice.

CGN 4800. Pre-senior Design and Professional Issues (2). Prerequisites: 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; professional planning and scheduling; design under engineering and societal constraints; importance of licensure and continuing education; as well as oral and written communication issues. Inter- or multidisciplinary teams prepare formal proposals addressing the full design challenge. All of these proposals are completed during the following semester in the CGN 4802, Senior Design Project course.

CGN 4802. Senior Design Project (3). Prerequisites: CGN 2327L or equivalent, CGN 4800, senior standing, completion of all basic and core courses, completion of at least one 4000-level course in each proficiency area, and 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 team-based interdisciplinary design project covering several sub-disciplines in civil or environmental engineering. Industry and professional participation.

Definition of Prefixes
CCE — Civil Construction Engineering
CEG — Civil Geotechnical Engineering
CES — Civil Engineering Structures
CGN — Civil Engineering
CWR — Civil Water Resources
EES — Environmental Engineering Science
EGN — Engineering: General
ENV — Engineering: Environmental
TTE — Transportation Engineering

Undergraduate Courses
CCE 3101. Construction Materials (3). Prerequisite: EGN 3331. 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. In this course, students 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. Topics in this course include 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). Prerequisite: CCE 4004. Topics in this course include 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).
Prerequisite: 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 channels; and dimensional analysis. Topics and credit may vary. May be repeated to a maximum of twelve (12) semester hours.

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 channels; and dimensional analysis. Topics and credit may vary. May be repeated to a maximum of twelve (12) semester hours.

CWR 3201L. Hydraulics Laboratory (1). Corequisite: EGM 3512, EGN 2212, and MAP 3305. This lab engages students in hydraulics experiments and demonstrations, followed by formal technical reports in which students report the experimental results.

CWR 4101. Engineering Hydrology (3). Prerequisites: CWR 3201, CWR 3201L, and EGN 2212 or their equivalents. This course covers the processes of the hydrologic cycle, hydrologic analyses for the planning and design of water management systems, and the use of application program packages.

CWR 4120. Groundwater Hydrology (3). Prerequisites: CWR 3201 and EES 3040. This course examines the fundamentals of groundwater flow and contaminant transport. Topics include Darcy’s law, flow nets, mass conservation, heterogeneity and anisotropy, storage properties, 3-D equations of groundwater flow, regional circulation, unsaturated flow, recharge, stream-aquifer interaction, well hydraulics, slug test analyses, and contaminant transport processes.

CWR 4202. Hydrology Engineering I (3). Prerequisites: CWR 3201, CWR 3201L, and EGN 2212 or their equivalents. This course covers principles of hydrology 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. Hydrology Engineering II (3). Prerequisite: CWR 4202. This course covers methods for analyzing a broad range of unsteady flow conditions and for designing facilities to cope with the results. Students learn to apply computer programs to practical water distribution and open-channel systems.

CWR 4360. Urban Stormwater Runoff (3). Prerequisite: CWR 3201, or instructor permission. Corequisite: ENV 4001. This course is intended to provide an understanding of (1) storm events, stormwater runoff, and effects of urbanization on stormwater quantity and quality, (2) methods of analysis, and (3) planning and design procedures for stormwater facilities.

CWR 4540. Water Resources Engineering (3). Prerequisites: CWR 4202 and EGN 2212. This course offers a systems approach to complex water resources problems as well as a systems analysis of water resources operations, design, and planning.

CWR 4822. Coastal and Estuarine Hydraulics (3). Prerequisites: CWR 3201 and MAC 2313. This course covers coastal hydraulic principles and waves in estuaries and tidal structures, ocean tides, mixing and transport in estuaries, and coastal engineering.

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, analysis of plane and space bodies, statics of particles and rigid bodies, equilibrium of two and three dimensions, and forces in trusses, frames, and machines. Other topics include centroids, centers of mass, internal shear forces and bending moments in beams, shear and moment diagrams, friction, area moments of inertia, parallel axis theorem, work-energy, as well as impulse and momentum methods.

EGM 2212. Engineering Statistics & Computation (3). Prerequisite: MAC 2311. This course covers engineering problem formulation, algorithm development and programming, measurement and computational-error assessment, as well as application of statistical and numerical modeling tools for data analysis. Mathcad software is used.

EGM 3311. 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.

EGM 3311L. Strength of Materials Laboratory (1). Prerequisite: EGM 3512. Corequisite: EGM 3331. This lab covers column buckling experiments as well as the use of non-destructive techniques to determine strains and stresses in tensile members, torsional members, flexure in beams, and web plates.

EES 2205C. Environmental Engineering Chemistry (4). Prerequisites: CHM 1045 and CHM 1045L. This course covers applications of fundamental principles from general, organic, and biological chemistry to major environmental processes. Emphasis is placed on organic/inorganic pollutants in water, soil, and air; chemistry of treatment processes; and toxicological applications.

EES 3304. Introduction to Environmental Engineering Science (3). Prerequisites: CHM 1045 and CHM 1045L. This course covers applications of environmental sciences to fundamentals of environmental engineering. Emphasis is on water and air pollution, their sources and treatment, solid and hazardous waste management, and contemporary environmental engineering issues.

EES 3304L. Introduction to Environmental Engineering Science Laboratory (1). Prerequisites: CHM 1045 and CHM 1045L. Corequisite: EES 3304. This course covers the use of field and laboratory instruments for measuring air and water quality indicators. Includes site visits.

ENV 4001. Environmental Engineering (3). Prerequisites: CHM 1045, CWR 3201, EES 3304, and EES 3304L. This course covers the design of water and wastewater treatment plants, wastewater collection systems, air and water pollution control, as well as solid waste management and contemporary environmental issues.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CES 5706</td>
<td>Advanced Concrete Design</td>
<td>(3)</td>
</tr>
<tr>
<td>CES 5715</td>
<td>Prestressed Concrete</td>
<td>(3)</td>
</tr>
<tr>
<td>CES 5845</td>
<td>Composites in Civil Engineering</td>
<td>(3)</td>
</tr>
<tr>
<td>CES 6116</td>
<td>Finite Elements in Structures</td>
<td>(3)</td>
</tr>
<tr>
<td>CGN 5310</td>
<td>Engineering Data Systems</td>
<td>(3)</td>
</tr>
<tr>
<td>CGN 5905r</td>
<td>Directed Individual Study (1–6) (S/U grade only)</td>
<td></td>
</tr>
<tr>
<td>CGN 5910r</td>
<td>Supervised Research (1–5) (S/U grade only)</td>
<td></td>
</tr>
<tr>
<td>CGN 5930r</td>
<td>Special Topics in Civil Engineering (1–6)</td>
<td></td>
</tr>
<tr>
<td>CGN 5935</td>
<td>Civil Engineering Seminar (0) (S/U grade only)</td>
<td></td>
</tr>
<tr>
<td>CGN 6942</td>
<td>Supervised Teaching (3) (S/U grade only)</td>
<td></td>
</tr>
<tr>
<td>CWR 5125</td>
<td>Groundwater Hydrology</td>
<td>(3)</td>
</tr>
<tr>
<td>CWR 5205</td>
<td>Hydraulic Engineering II</td>
<td>(3)</td>
</tr>
<tr>
<td>CWR 5305</td>
<td>Urban Stormwater Runoff</td>
<td>(3)</td>
</tr>
<tr>
<td>CWR 5635</td>
<td>Water Resources Planning and Management</td>
<td>(3)</td>
</tr>
<tr>
<td>CWR 5824</td>
<td>Coastal and Estuarine Hydraulics</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5028</td>
<td>Remediation Engineering</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5030</td>
<td>Applied Environmental Engineering Microbiology</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5045</td>
<td>Environmental Systems Analysis</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5055</td>
<td>Chemical Fate and Transport in the Environment</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5105</td>
<td>Air Pollution Control</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5407</td>
<td>Water Reuse Engineering</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5504</td>
<td>Environmental Engineering Processes and Operations</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5565</td>
<td>Design of Water Quality Management Facilities</td>
<td>(3)</td>
</tr>
<tr>
<td>ENV 5615</td>
<td>Environmental Impact Analysis</td>
<td>(3)</td>
</tr>
<tr>
<td>TTE 5205</td>
<td>Traffic Engineering</td>
<td>(3)</td>
</tr>
<tr>
<td>TTE 5206</td>
<td>Advanced Traffic Flow Analysis</td>
<td>(3)</td>
</tr>
<tr>
<td>TTE 5256</td>
<td>Traffic Operations</td>
<td>(3)</td>
</tr>
<tr>
<td>TTE 5270</td>
<td>Intelligent Transportation Systems</td>
<td>(3)</td>
</tr>
<tr>
<td>TTE 5805</td>
<td>Highway Geometric Design</td>
<td>(3)</td>
</tr>
</tbody>
</table>

For listings relating to graduate course work for thesis, dissertation, 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 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/navigation/detail_ext/cpp_intro.do?pageld=060304 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

- **Greek:** XXX XXXX: six to twelve (6–12) credit hours of course work in classics and a demonstration of proficiency by testing or completion of intermediate level
- **Latin:** XXX XXXX: six to twelve (6–12) semester hours of course work in Latin and a demonstration of proficiency by testing or completion of intermediate level

### Requirements for a Major in Classics

Students should review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. No course for which a student receives a grade 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.

### Classics: Program A (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.

### Classics: Program B (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 course work. ARH 3130 and 3150 are required in addition to three of the following advanced archaeology courses: ARH 4110, 4118, 4120, 4131, 4151, 4154, and 4173 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 2220, or the Latin language sequence of LAT 1120, 1121, and 2220. In addition to the twelve semester hours of Latin or Greek required for the classical archaeology major, the BA degree requires twelve semester hours of ancient or modern language study (three sequential four semester hour courses). It is strongly recommended that the student fulfill the requirement through the study of French, German, or Italian. Three semester hours of electives in classics are also required, to be chosen in consultation with the departmental adviser; only three semester hours of those elective courses taken to fulfill the humanities requirements may also be counted toward the requirements of the major. Students are encouraged to participate in archaeological fieldwork, and to study at the University’s study center in Florence.

Joint Major in Classics and Religion

The departments of classics and religion cooperate in a joint major designed for students with a special interest in religion and culture in the ancient world. To complete a Bachelor of Arts (BA) degree with a joint major in classics and religion, a student must take (in addition to other college requirements) twenty-seven semester hours in classics and eighteen semester hours in religion. At least nine semester hours at the 3000 or 4000 level in classics courses with prefixes ARH, CLA, or CLT, or ASH3200, EUH4401, EUH4408, EUH4412, or EUH4413 are required. No more than eighteen semester hours of Greek or Latin may count toward the major; however, students must attain at least third-semester competency in Greek or Latin (see “Language Requirements” below). Of the eighteen semester hours in religion, at least six and no more than twelve semester hours must be in the area of religions of western antiquity. Classics courses in which the student receives a grade below “C” will not be counted toward the major. For the joint major in religion and classics, please contact the undergraduate director in the department of religion.

Language Requirements for Joint Major

Courses used to fulfill the College of Arts and Sciences language requirement may not be counted toward the major. Whether taken to meet the language requirement or the major requirements, students must complete twelve semester hours in one ancient classical language (Latin or Greek). Courses beyond the third-semester level in Greek or Latin (if that language is used to fulfill the College of Arts and Sciences language requirement) or in another ancient language at any level (e.g., Hebrew, Egyptian, Aramaic, or Sanskrit) may count toward the major, up to the maximum of eighteen semester hours.

Minor

Students with a classics and religion joint major do not need a minor.

Honors in the Major

The Department of Classics offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and consult with the undergraduate adviser.

Requirements for a Minor in Classics

A minimum of twelve semester hours in classical civilization, Greek, or Latin. The minor in classical civilization requires no knowledge of Greek or Latin and may consist of any four courses listed under departmental offerings in classical civilization and literature; however, with the approval of the department, appropriate courses in Greek and Latin may be included in this program. In Greek or Latin the sequence may begin at the 1000 level (provided this does not duplicate the foreign language requirements for the baccalaureate degree) or at any appropriate higher level.

Definition of Prefixes

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH</td>
<td>Art History</td>
</tr>
<tr>
<td>ASH</td>
<td>Asian History</td>
</tr>
<tr>
<td>CLA</td>
<td>Classical and Ancient Studies</td>
</tr>
<tr>
<td>CLT</td>
<td>Classical Literature in Translation</td>
</tr>
<tr>
<td>EUH</td>
<td>European History</td>
</tr>
<tr>
<td>EUG</td>
<td>Foreign Language Education</td>
</tr>
<tr>
<td>GRE</td>
<td>Classical Greek (Language Study)</td>
</tr>
<tr>
<td>GRW</td>
<td>Classical Greek Literature (Writings)</td>
</tr>
<tr>
<td>LAT</td>
<td>Latin (Language Study)</td>
</tr>
<tr>
<td>LNW</td>
<td>Latin Literature (Writings)</td>
</tr>
</tbody>
</table>

Undergraduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2090</td>
<td>Great Discoveries in World Archaeology (3)</td>
</tr>
<tr>
<td>ARH 3130</td>
<td>Survey of Greek Art and Archaeology (3)</td>
</tr>
<tr>
<td>ARH 3150</td>
<td>Art and Archaeology of Ancient Italy (3)</td>
</tr>
<tr>
<td>ARH 4110</td>
<td>ArH and Archaeology of the Bronze Age in the Aegean (3)</td>
</tr>
<tr>
<td>ARH 4118</td>
<td>Archaeology of Ancient Egypt (3)</td>
</tr>
<tr>
<td>ARH 4120</td>
<td>Etruscan Art and Archaeology (3)</td>
</tr>
<tr>
<td>ARH 4131</td>
<td>Greek Art and Archaeology of the Fifth and Fourth Centuries B.C. (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 4173r</td>
<td>Studies in Classical Archaeology and Art (3–9)</td>
</tr>
<tr>
<td>ARH 4932r</td>
<td>Tutorial in Classical Archaeology (1–3)</td>
</tr>
<tr>
<td>ASH 3200</td>
<td>History of the Ancient Near East (3)</td>
</tr>
<tr>
<td>CLA 210r</td>
<td>Introduction to Greek and Roman Civilization (3)</td>
</tr>
<tr>
<td>CLA 2110</td>
<td>The Greek Way: Introduction to Greek Civilization (3)</td>
</tr>
<tr>
<td>CLA 2123</td>
<td>The Roman Way: Introduction to Roman Civilization (3)</td>
</tr>
<tr>
<td>CLA 2500</td>
<td>Ancient Greek Athletics (3)</td>
</tr>
<tr>
<td>CLA 2810</td>
<td>Discovery of Nature: Ancient Science (3)</td>
</tr>
<tr>
<td>CLA 3012</td>
<td>Homosexuality in Antiquity (3)</td>
</tr>
<tr>
<td>CLA 3430</td>
<td>History of Ancient Greece (3)</td>
</tr>
<tr>
<td>CLA 3440</td>
<td>History of Ancient Rome (3)</td>
</tr>
<tr>
<td>CLA 3501</td>
<td>Gender and Society in Ancient Greece (3)</td>
</tr>
<tr>
<td>CLA 3502</td>
<td>Women, Children, and Slaves in Ancient Rome: The Roman Family (3)</td>
</tr>
<tr>
<td>CLA 4151</td>
<td>Pompeii (3)</td>
</tr>
<tr>
<td>CLA 4437r</td>
<td>Studies in Greek History (3)</td>
</tr>
<tr>
<td>CLA 4447r</td>
<td>Studies in Roman History (3)</td>
</tr>
<tr>
<td>CLA 4780r</td>
<td>Classical Archaeology: Fieldwork (1–6)</td>
</tr>
<tr>
<td>CLA 4909r</td>
<td>Honors Work (1–8)</td>
</tr>
<tr>
<td>CLA 4930r</td>
<td>Special Topics in Classics (3–9)</td>
</tr>
</tbody>
</table>
### Classics 213

**CLA 4935r. Seminar in Classical Civilization (3–6).** Prerequisite: Nine (9) semester hours of study in classical civilization or instructor permission. Special topics in classical culture presented around a seminar format. May be repeated to a maximum of six (6) semester hours.

**CLT 2044. Word Building: Greek and Latin Elements in the English Vocabulary (3).** This course introduces Greek and Latin elements in English and focuses on word roots and the development of vocabulary through the application of these roots.

**CLT 3370. Classical Mythology (3).** A survey of Greco-Roman myth and legend, readings from illustrative ancient authors in English translation, approaches to the study of ancient myth.

**CLT 3378. Ancient Mythology, East and West (3).** This course will deal in a comparative way with the shared elements and influences found in the mythological traditions of selected cultures (e.g., Sumerian, Egyptian, Mayan).

**CLT 4291. Greek Tragedy (3).** An intensive study of the tragedies of Aeschylus, Sophocles, and Euripides.

**CLT 4340. Greek and Roman Epic (3).** Study of the principal epics of the classical world in English translation.

**CLT 4372r. Studies in Ancient Mythology (3).** Specific topics in the study of ancient myth and its interpretation. May be repeated to a maximum of six (6) semester hours.

**CLT 4905r. Directed Individual Study (1–4).** May be repeated to a maximum of nine (9) semester hours.

**EIH 4401. Classical Athens and Sparta (3).** History of Greece from the beginning to Alexander the Great. Emphasis on the social and political structures of Sparta and Athens.

**EIH 4408. The Age of Alexander the Great (3).** Study of the Greek world from the death of Socrates (399 B.C.) to the Roman conquest (146 B.C.), the sack of Corinth by Mummusis.

**EIH 4412. The Roman Republic (3).** Study of the history of Rome from its foundation (traditionally 753 B.C.) to the fall of the Roman Republic (31 B.C., The Battle of Actium).

**EIH 4413. The Roman Empire (3).** The Roman Empire from Augustus to Constantine. Emphasis on the evolution from the principate of the early empire to the monarchy of the late empire.

**GRE 1120, 1121. Beginning Greek I, II (4, 4).** Introduction to the basic grammar and syntax of classical Greek. Meets the foreign language requirement for the BA degree. No language laboratory required.

**GRE 2220. Introduction to Greek Literature (4).** Translation and commentary on selected Greek readings. Meets the foreign language requirement for the BA degree. No language laboratory required.

**GRW 3104r. Readings in Greek Literature (3).** Translation, commentary, and interpretation of selected Greek works. May be repeated to a maximum of six (6) semester hours with change of content.

**GRW 3250r. New Testament Greek (3).** Prerequisite: GRE-2220 or completion of 12-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 (6) semester hours provided texts change.

**GRW 4210r. Greek Prose Writers (3).** Translation, commentary, and interpretation of readings from Greek prose writers. May be repeated to a maximum of six (6) semester hours.

**GRW 4301r. Greek Drama (3).** Translation, commentary, and interpretation of selected Greek plays. May be repeated to a maximum of six (6) semester hours.

**GRW 4304r. Greek Poetry (3).** Translation, commentary, and interpretation of readings from selected Greek poets. May be repeated to a maximum of six (6) semester hours.

**GRW 4909r. Directed Individual Study (1–4).** May be repeated to a maximum of nine (9) semester hours.

**LAT 1120, 1121. Beginning Latin I, II (4, 4).** Introduction to the basic grammar and syntax of classical Latin. Meets the foreign language requirement for the BA degree. No language laboratory required.

**LAT 2220. Introduction to Latin Literature (4).** Translation and commentary on selected Latin readings. Meets the foreign language requirement for the BA degree. No language laboratory required.

**LNW 3211r. Readings in Latin Prose (3–6).** Prerequisite: LAT 2220. This course introduces intermediate students to the translation and interpretation of standard Latin prose authors. May be repeated to a maximum of six (6) semester hours.

**LNW 3323r. Readings in Latin Poetry (3–6).** Prerequisite: LAT 2220. This course introduces intermediate students to the translation and interpretation of standard Latin poets. May be repeated to a maximum of six (6) semester hours.

**LNW 4313. Plautus and Terence (3).** Translation, commentary, and interpretation of selected plays from Plautus and Terence.

**LNW 4320r. Roman Lyric, Elegiac, and Pastoral Poetry (3).** Translation, commentary, and interpretation of poetry selected from the Roman elegists, the lyric tradition, and Roman pastoral. May be repeated to a maximum of six (6) semester hours.

**LNW 4340r. Roman Epic (3).** Translation, commentary, and interpretation of the works of Vergil or the other hexameter poets. May be repeated to a maximum of six (6) semester hours.

**LNW 4360r. Roman Satire (3).** Translation, commentary, and interpretation of selected readings from Horace and Persius, Juvenal, Martial, Petronius, or Apuleius. May be repeated to a maximum of six (6) semester hours.

**LNW 4380r. The Roman Historians and Cicero (3).** Translation, commentary, and interpretation of selected works from the Roman historians or Cicero’s historical speeches. May be repeated to a maximum of six (6) semester hours.

**LNW 4905r. Directed Individual Study (1–4).** May be repeated to a maximum of nine (9) semester hours.

**LNW 4999r. Tutorial in Latin (1–3).** Prerequisites: LNW 3211, LNW 3323, and instructor permission. Intensive work by a small number of undergraduates on a specific topic or research problem in Latin studies. May be repeated as topics vary to a maximum of six (6) semester hours.

### Graduate Courses

**ARH 5111.** Art and Archaeology of the Bronze Age in the Aegean (3).

**ARH 5119.** Archaeology of Ancient Egypt (3).

**ARH 5125.** Etrucan 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 5885.** Roman Law (3).

**CLA 5905e.** Directed Individual Study (1–4). (S/U grade only.)

**CLA 5910r.** Supervised Research (1–3). (S/U grade only.)

**CLA 5919.** Master of Arts Paper (3). (S/U grade only.)

**CLA 5925r.** 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 6909r.** 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).

**EIH 5407.** Hellenistic Greece (3).

**EIH 5417.** The Roman Republic (3).

**EIH 5418.** The Roman Empire (3).

**FLE 5810.** Teaching Classics (3).

**GRW 5215r.** Studies in the Greek Prose Writers (3).

**GRW 5305r.** Studies in Greek Drama (3).

**GRW 5345r.** Greek Poetry (3).

**GRW 5505e.** Greek Philosophical Writings (3).

**GRW 5909r.** Tutorial in Greek (1–3).

**GRW 6106.** Survey of Greek Literature (3).

**GRW 6930r.** Seminar in Greek (3).

**LNW 5316e.** Studies in Roman Drama (3).

**LNW 5325r.** Roman Lyric, Elegiac, and Pastoral Poetry (3).

**LNW 5345e.** Studies in Roman Epic (3).

**LNW 5365e.** Studies in Roman Satire (3).

**LNW 5385.** 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 course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
School of COMMUNICATION

COLLEGE OF COMMUNICATION AND INFORMATION

Chair: Stephen D. McDowell; Professors: Heald, Korzenny, McDowell, Nudd, Sapolsky; Associate Professors: Adams, Arpan, Bunz, Houck, Jordan, MacNamara, McClung, Pekurny, Opel, Raney, Rayburn; Assistant Professors: Castillo, Cortez, Proffitt; Associates in Communication: Aronoff, Gilmer, Halvorson, Laurens, Lindsay, Solomon, Zeigler; Assistants in Communication: Rodin; Associate Scholars/Scientists: Dubard, Grise;

Professors Emeriti: King, Minnick, Mayo, Wotring, Young

The School of Communication offers a degree in communication with four areas of emphasis. These programs are organized according to various applications of communication skills and expertise in our society. This unique array of studies allows students to select a sequence of courses that directly reflects their own professional, artistic, and/or academic interests. Accordingly, one can focus on: (1) advertising; (2) public relations; (3) media/communication studies; and (4) media production.

Each area of emphasis requires a series of courses designed to meet predetermined educational and career goals. The specific goals and requirements of some areas of study are detailed in the following section entitled “Descriptions of Emphasis Areas,” and on the department Web site at http://www.comm.fsu.edu/comm. 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 and quality. The high quality of undergraduate students is reflected in the numerous University, state, and national scholarship and fellowship recipients. The exceptional caliber and character of communication students are also proven by their extracurricular activities. The Speech and Debate Program is considered one of the most experienced, talented squads in the nation. The program philosophy assures each student the best competitive experience possible. It emphasizes quality competition and provides the resources to help each student excel to the best of his or her abilities. Communication students are also involved in broadcasting and cable-casting activities, including radio station 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 department 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 skill varies from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in communication must satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, 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 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/navigation/detail_ext/cpp_intro.do?pageld=060304 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: eighteen (18) credit hours outside the major and beyond the thirty-six (36) credit 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, and media production, OR an overall GPA of 2.8 or higher on all college coursework to be considered for admission to media/communication studies
2. Be exempted from the CLAST examination by time of application
3. Have completed CLEP scores posted by time of application
4. Have all liberal studies course substitutions approved by the appropriate dean and posted by time of application
5. In addition, students must complete the following requirements by the end of the Spring semester in which they are applying:
   a. A minimum of forty-three semester hours of college coursework accepted by Florida State University
   b. All liberal studies requirements
   c. All Gordon Rule requirements.

The Application

Application information is available on the College of Communication and Information Web site at http://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 PM. Included in the application process must be copies of transcripts from all colleges and universities attended. Late applications will not be accepted.

The Review Process

A. 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 and Communication Studies
After meeting the Minimum Requirements for Application (above), the GPA in all college coursework will be the sole admission criterion.

**Note:** Majors are required to complete a language proficiency requirement prior to graduation. See the section entitled ‘Language Proficiency Requirements’ below.

## 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 department 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 college’s Web site at [http://www.comm.fsu.edu](http://www.comm.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 department’s language proficiency requirement; (2) only course work with grades of “C–” or above will count toward a student’s degree in communication; and (3) completion of a minor in an academic area outside the School of Communication. Students must undergo University and departmental graduation checks. Students who wish to intern must make arrangements with the faculty adviser and submit departmental contracts prior to enrollment. Internship requirements vary by program of study. Only formally admitted communication majors can register for a communication internship.

### Language Proficiency Requirement

Students formally admitted into any program in the School of Communication during or after the 2003 admission cycle must achieve proficiency in one language other than English prior to graduation. As a department, we define “language” in broad terms, understanding that a variety of skills are equally important to the field of communication. To that end, students may fulfill this requirement by taking courses in modern, sign, or business language. In order to fulfill the department’s language-proficiency requirement, students must earn at least a “C–” in each language course with grades other than S/U.

The department’s language proficiency requirement is more extensive than the University’s foreign language admissions requirement. It is important to understand that although completion of two years of high school language courses or two semesters of post-secondary language will satisfy the University’s Admissions Requirement, these courses do not satisfy the 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 course work through the 2000 level (2200 or equivalent course) of a classical or modern language. A student taking course work to fulfill the department’s modern language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Native speakers of another language and other students who wish to demonstrate proficiency by means other than course work should consult the Department of Modern Languages and Linguistics. Upon graduation, those students who pursue this option through a spoken language (i.e., French, German, Spanish, Latin, etc.) will receive a Bachelor of Arts (BA) degree.

**Sign Language Proficiency.** Students may satisfy the sign language proficiency requirement by completing ASL1140C Beginning Sign Language, ASL2150C Intermediate American Sign Language, and ASL2160C Advanced American Sign Language. A student taking course work to fulfill the sign language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Students who wish to demonstrate proficiency for sign language by means other than course work should consult the School of Communication Science and Disorders. Upon graduation, students who pursue the sign language proficiency option will receive a Bachelor of Arts (BA) degree.

**Business Language Proficiency.** Students may satisfy the business language proficiency requirement by completing the following course work for a total of nine semester hours: ECO 2013 Principles of Macroeconomics, ECO 2023 Principles of Microeconomics, and one of the following: STA 2023 Fundamental Business Statistics, STA 2122 Introduction to Applied Statistics. A student taking course work to fulfill the department’s business language requirement must earn at least a “C–” in each course; courses may not be taken on an S/U basis. Upon graduation, students who pursue the business language proficiency option will receive a Bachelor of Science (BS) degree.

### 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 must be declared with and approved by the School of Communication, UCC Suite 3100. 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 course work is outside the School of Communication and is approved in advance by the faculty adviser and the department chair.

### 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)
- **COM 3930** Special Topics (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)

Only course work with a grade of “C–” or above in four of these courses will count toward the minor. Credit earned in meeting the Oral Communication Competency Requirement (OCCR) may not be used to satisfy the minor. At least six 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, Television, and Recording Arts” chapter of this General Bulletin, or the departmental Web site at [http://www.fsu.edu/~film](http://www.fsu.edu/~film).

The School of Communication also offers a minor in Hispanic marketing communication, and an Honors minor in London. Please contact the department for more information.

### Description of Emphasis Areas

**Advertising and Public Relations**

- **Career and Educational Goals.** Students in this emphasis area will master skills necessary for a career in advertising or public relations.
- **Skills to be Developed.** Advertising students will focus on account management, creative strategy, media planning, and research skills. Public relations students will concentrate on public relations writing, tactics, research, and campaign management skills.
- **Focus Areas.** Students 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. Students must retake any course with a grade below “C–”.
- **Required Minor.** A minor (or second major), approved by your adviser, is required. All minor work must be in a department other than the 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.fsu.edu/comm](http://www.comm.fsu.edu/comm) for more information regarding this requirement.

**Course Requirements for the Advertising and Public Relations Emphasis Areas**

A listing of specific courses and requirements is available at [http://www.comm.fsu.edu](http://www.comm.fsu.edu).

**Media/Communication Studies**

- **Career and Educational Goals.** Students graduating in this emphasis area should have a solid liberal arts education with an emphasis in communication studies. Degrees (at FAMU) in 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. Students must retake any course with a grade below “C–.”

- **Required Minor.** A minor or (second major), approved by your faculty adviser, is required. All minor work must be in a department other than the 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 course work is outside the School of Communication and is approved in advance by the faculty adviser and department chair.

- **Internship.** The student may complete an internship (COM 4945) as an elective. A maximum of three semester hours may count toward the media/communication studies emphasis area; however, students may register for a total of twelve semester hours of internship credit.

- **Recommended Extracurricular Activities.** Speech and Debate, V89, Women in Communication, student government, theatre productions, Seminole Productions, WFSU, 4FSU.

**Course Requirements for the Media and Communication Studies Emphasis**

A listing of specific courses and requirements is available at [http://www.comm.fsu.edu](http://www.comm.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. Students must retake any course with a grade below “C–.”

- **Required Minor.** A minor (or second major), approved by the student’s faculty adviser, is required. All work must be in a department other than the 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 course work is outside the School of Communication and is approved in advance by the faculty adviser and department chair.

- **Internship.** An internship (COM 4945r) is strongly recommended. A student may enroll for up to twelve 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.comm.fsu.edu](http://www.comm.fsu.edu).

**Definition of Prefixes**

**ADV** — Advertising

**COM** — Communication

**FIL** — Film

**MMC** — Mass Media Communication

**ORI** — Oral Interpretation

**PUR** — Public Relations

**RTV** — Radio-Television

**SED** — Speech Education

**SPC** — Speech Communication

**VIC** — Visual Communication

**Undergraduate Courses**

**ADV 3001. Creative Strategy I (3).** A foundation class in advertising where creativity is explored in a workshop environment.

**ADV 3008. Principles of Advertising (3).** Advertising and promotion as related to level of economic growth, cultural influences, and sociological environments.

**ADV 3352. Mass Media Law (3).** Comprehensive review of laws, rules, and regulations affecting both the advertising and broadcast industries as well as other forms of mass media. Includes review of libel, slander, invasion of privacy, gathering of information, and copyright laws.

**ADV 3410. Hispanic Marketing Communication (3).** This course prepares undergraduate students to become educated decision makers and consumers of information regarding US Hispanic marketing communication issues.

**ADV 4300. Media Planning (3).** Prerequisites: ADV 3008 and ADV 4500 . Coordination of advertising and marketing research, planning, creative strategy, and selection of media and production activities leading to the development of advertising campaigns.

**ADV 4500. Advertising Research (3).** Prerequisite: ADV 3008. Survey, observational, and experimental methods and processes. Research design, planning, questionnaire construction, sampling, validity measurements, field work, tabulations, presentation, and interpretation.

**ADV 4800. Creative Strategy II (3).** Prerequisites: ADV 3008, ADV 3001, and ADV 4500 . Creative and empathetic skills necessary in communicating via print and electronic media; utilizing these skills in creating integrated advertising campaigns.

**COM 3110. Communication for Business and the Professions (3).** This is a workplace-oriented course that provides practical education and experience in the performance of informative, persuasive, and special occasion speeches through individual and group presentations. Fulfills OCCR requirement.

**COM 3310L. Communication Research Methods Laboratory (1).** Corequisite: COM 3310. 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 3120. Communication for Organizing (3).** Communication and group problem solving in bureaucracies.

**COM 3310. Communication Research Methods (3).** Prerequisites: STA 2023 and STA 2122. Corequisite: COM 3310L. Introduction to communication research methods. Examines survey, experimental, observational, and content analysis methods. Philosophy of science, research design, measurement, sampling, data collection, analysis, interpretation, and reporting.

**COM 3332. New Communication Technology and Contemporary Society (3).** Relates the design, development, and the use of new communication technologies to social, economic, and policy implications.

**COM 3510. Political Communication and Campaigning (3).** Campaigns, elections, and American politics in a communication framework; planning campaign strategies.

**COM 3930. Special Topics in Communication (3).** An analysis of specialized topics of current concern in communication. May be repeated to a maximum of six (6) semester hours; duplicate registration allowed.

**COM 3940r. Cooperative Education Work Experience (0).** (S/U grade only.)

**COM 3950. Communication Activities (1).** (S/U grade only.) May be repeated to a maximum of four (4) semester hours; duplicate registration allowed.

**COM 4330. Communication and the Internet (3).** Develops technical and communication skills in Internet-based communication technologies. Hands-on survey of Internet technologies with focus on communication issues, problems, and competencies. Lecture and lab.
COM 4470. Desktop Multimedia (3). 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). 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 (8) semester hours; duplicate registration allowed.

COM 4909r. Honors Work (1–5). For students in the honors program who are working on an honors thesis. May be repeated to a maximum of nine (9) semester hours; duplicate registration not allowed.

COM 4910r. Application of Research Methods (1–3). (S/U grade only.) Instructor approval required. Experience in methods and strategies of research in communication concepts. Individually designed to accommodate student’s background and objectives. May be repeated to a maximum of four (4) semester hours; duplicate registration allowed.

COM 4930r. Undergraduate Seminar in Communication (3). Explores advanced communication issues with an emphasis on research. May be repeated to a maximum of six (6) semester hours; duplicate registration allowed.

COM 4935r. Senior Seminar in Communication Studies (3). Prerequisite: SPC 4680 or SPC 4710. This course is an advanced seminar in communication studies with an emphasis in legal communication studies, communication and culture, or rhetorical studies.

COM 4937. Honors Preparatory Seminar (3). Instructor approval required. Preparatory seminar for undergraduate Honors in the Major Thesis. Includes survey of subfields, faculty research, and student research proposals.

COM 4941r. Application of Instructional Methods (1–3). (S/U grade only.) To provide experience in methods and strategies of teaching communication concepts within the University context. Individually designed to accommodate student’s background and objectives. Instructor approval required. May be repeated to a maximum of three (3) semester hours; duplicate registration not allowed.

COM 4945r. Communication Internship (1–12). (S/U grade only.) Faculty advisor’s approval required. Supervised internship. Credit proportional to scope and significance of work. Credit may not be applied to graduate degrees. Individually designed to accommodate student’s background and objectives. May be repeated to a maximum of twelve (12) semester hours; duplicate registration not allowed.

FIL 2000. Elements of Film (3). The purpose of this course is to provide 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.

FIL 3803. The Contemporary Cinema: Theory and Practice (3). Review and analysis of post-1950 motion pictures with emphasis on technique and industrial evolutions.

MMC 2000. Introduction to the Mass Media (3). A historical and social overview of the mass media and their relationship to the mass communication process in a modern society.

MMC 4200. Media Legalities (3). Prerequisite: MMC2000. Review and application of media business practices and legal requirements involved in the conception and production of media content for radio and television.

MMC 4300. Communication and Change: The Diffusion of Innovations (3). An analysis of the process of change in developing countries, particularly from the standpoint of how communication is used in the introduction, spread, and adoption of new ideas.


MMC 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.

ORI 3004. Performance Studies (3). Students collect, analyze, and perform personal narratives and everyday conversations.

ORI 3110. Performance of Contemporary Literature (3). Analysis of and practical experience in the performance of poetry and prose.

PUR 3000. Introduction to Public Relations (3). Designed to introduce the student to the principles and practices of the public relations profession throughout all organizations using public relations.


PUR 3100. Writing for Public Relations (3). Prerequisite or corequisite: PUR 3000. Designed to develop writing skills for public relations.

PUR 3330. Public Relations Prosseminar (1). (S/U grade only.) Corequisite: PUR 3000. Public relations majors must register for the prosseminar on admission to the program. They are to become active in FPRA, PRSSA, or WIC and remain active during undergraduate work.

PUR 4600. Public Relations Management: Cases and Campaign Strategies (3). Prerequisites: PUR 3002 and PUR 3100. Designed to focus on the management function of public relations. Focus on significant cases and campaign strategies.

PUR 4940r. Public Relations Internship (1–12). (S/U grade only.) Prerequisites: PUR 3000, PUR 3002, and PUR 3100. Practical application of classroom principles in public relations settings. May be repeated to a maximum of twelve (12) semester hours.

RTV 3001. Media Techniques (3). Introduction to basic principles and terminology associated with photography, filmmaking, television, and radio.

RTV 3003. Elements of Broadcasting (3). Surveys American broadcasting from the standpoint of communicators, organizations, content, and audience with special emphasis on research.

RTV 3101. Writing for the Electronic Media (3). Non-fiction writing for television and radio including public affairs, commercials, and documentaries.

RTV 3206. Directing Performance for the Camera (3). Prerequisite: RTV 3260. Students will direct student actors in a workshop setting. Actors and directors will gain experience with and appreciation for those on the other side of the camera. Lecture-laboratory.

RTV 3220. Television Production (3). Fundamentals of studio and field production including camera, audio, lighting, and production planning using the crew system.

RTV 3225r. Video Workshop (1–3). (S/U grade only.) Prerequisite: Communication major or major status. A course designed for students to gain experience in the production of television programs. May be repeated to a maximum of three (3) semester hours. Duplicate registration allowed.

RTV 3228. Multiple Camera Studio Production (3). Prerequisite: RTV 3260. Direction and production of multiple-camera studio video projects including camera, lighting, audio, and live-to-tape switching.

RTV 3234. Television Interviewing and Hosting (3). Lecture-laboratory. Course introduces students to on-camera interviewing and hosting of news and public affairs programs including research and writing components.

RTV 3260. Single-Camera Video Production (3). Course addresses direction and production of single-camera video projects including camera, audio, lighting, and linear editing.

RTV 3263. Video Post Production (3). Advanced editing and post production techniques applied to field and studio projects. Emphasis on digital non-linear editing systems.


RTV 3310. Narrative Writing for Television and Film (3). Development and writing of fictional scripts for television and film.

RTV 3926r. Radio Workshop (1–3). (S/U grade only.) General staff work in any department of the campus student-run radio station. Designed to afford both entry-level training and advanced application of skills. Students must work three (3) hours per week for one (1) hour of credit. May be repeated to a maximum of three (3) semester hours.

RTV 3941r. Radio Practicum (3–6). Prerequisite: Instructor permission. Advanced radio work in either of two areas: management or other supervisory roles at the student radio station; or special individual projects in the application, study, or research of audio pertaining to radio broadcasting. May be repeated to a maximum of six (6) semester hours.

RTV 4332. Documentary Video Production (3). Corequisites: RTV 3101, RTV 3260, and RTV 3263. This course offers instruction in the theory and practice of production of non-fiction documentary video. Students produce a final video product after studying the documentary tradition, theory, and history.

RTV 4467r. Television Practicum (3–6). Prerequisites: RTV 3260 and RTV 3263. Producing and directing television programs and video projects. May be repeated to a maximum of six (6) semester hours.

RTV 4504. Electronic Media Audience Measurement (3). Prerequisites: ADV 3008 and RTV 3003. Course provides an understanding of past and current methods of measuring radio, TV and cable audiences; terms and formulas used by the ratings services; the local market radio ( Arbitron) and TV (Nielsen) reports; how ratings and other audience estimates are utilized in radio/TV/cable programming and sales; the newest developments in audience measurement; customized and qualitative approaches to audience measurement; and computer applications widely used in the broadcasting and advertising industries.

RTV 4800. Radio-Television Station Operation and Programming (3). Prerequisite: MMC 2000 or RTV 3003. Purpose, function, organization, and programming of the radio and television station with an emphasis on research.

RTV 4970. Senior Thesis in Production (3). Prerequisites: Senior standing, twelve (12) semester hours of 3000 level production courses, and instructor permission. A culminating course for students in production. Individual students, focusing on areas they have mastered in intermediate courses, will produce senior thesis video projects.

SPC 1017. Fundamentals of Speech (3). This course provides a survey and application of communication theory, including interpersonal communication, small group communication, and public speaking.

SPC 2608. Public Speaking (3). This course covers both the principles of and the practical experience of public speaking. The course is required of all majors.

SPC 3210. Contemporary Human Communication (3). An introductory course that surveys current scholarship in five areas of communication theory: group, rhetorical, interpersonal, legal, and performance communication.

SPC 3231. Contemporary Rhetorical Theory (3). Prerequisite: SPC 3210. This course examines rhetorical theorists of the 20th century, including Burke, Richards, Foucault, Habermas, Fisher, and Weaver.

SPC 3233. Classical Rhetoric (3). Prerequisite: SPC 3210. Students examine the origins of rhetorical thought, including the classical period. The course emphasizes ideas on rhetoric of Plato, Aristotle, Cicero, and Quintillian.

SPC 3301. Interpersonal Communication (3). A survey of recent literature on interpersonal communication including such topics as self-concept, emotional behavior, interpersonal conflict, and interpersonal attraction.

SPC 3331. Nonverbal Communication (3). Review of recent literature on nonverbal communication including such topics as proxemics, kinesethetic behavior, environment, physical characteristics, and personal appearance.
SPC 3350. Listening (3). This course teaches students to understand the complexity of listening and the nature of listening in the human communication process. In order to help students learn to improve their own listening behavior, this course will stress six skill areas: 1) hearing messages, 2) understanding messages, 3) remembering messages, 4) interpreting messages, 5) evaluating messages, and 6) responding to messages.

SPC 3425. Communication in Small Groups (3). This course in small groups includes both cognitive and experiential elements. Students study how small groups function as they create their own project groups and learn by doing.

SPC 3513. Argumentation (3). This course focuses on the principles of argumentation theory and the practical applications of these principles in different argumentative situations. Traditional as well as contemporary approaches to the study of argument are combined with the settings of argument to provide a practical experience for each student.

SPC 3593r. Competitive Intercollegiate Forensics (1). Competitive debate and individual events. Experienced students will develop and perfect their speaking skills in a highly competitive, structured format of instruction and competition. May be repeated to a maximum of eight (8) semester hours.

SPC 3644. Rhetoric of Didactic Literature (3). Prerequisite: SPC 3210. An analysis of drama as an instrument for advancing a political or social thesis.

SPC 4360. Interviewing (3). An analysis of the interview process in a variety of specific contexts and the development of communication skills used in interviewing.


SPC 4516. Evidence (3). Prerequisite: SPC 3513. The study of principles of evidence and proof in law, historical investigation, scientific discovery, and the social sciences. An analysis of argument and proof modes used for public policy decision making with an emphasis on developing standards of proof for public consumers of information as well as policymakers.

SPC 4540. Persuasion (3). A study of the psychology of attitude formation and change including theories of persuasion and principles of persuasive communication.

SPC 4605. The Principles of Speechwriting (3). Prerequisite: SPC 2608. History and principles of speechwriting, the ethical issues involved, and speechwriting skills based on sound principles of communication.

SPC 4630. Rhetoric of Women’s Issues (3). Recommended prerequisite: SPC 2608. Examination of selected social and political issues that affect women today; analysis of content, lines of argument, supporting evidence, and rhetorical strategies.

SPC 4680. Methods of Rhetorical Criticism (3). Prerequisite: SPC 3231 or SPC 3233. This course examines methods for the practice of doing criticism of rhetorical discourse. Topics include Aristotelian, Metaphor, narrative, post-modern, and cultural approaches to the analysis of text.

SPC 4710. Intercultural Communication (3). An exploration of interracial and intercultural communication and the philosophies that underlie the concept.

SPC 4711. Gender and Communication (3). 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.

Graduate Courses

ADV 5415. Hispanic Marketing Communication (3).
ADV 5416. Multicultural Marketing Communication (3).
ADV 5503. Media Consumer Behavior (3).
ADV 5505. Media Market Research (3).
ADV 5605. Account Planning (3).
ADV 5701. Communication Career Futures (1). (S/U grade only.)
COM 5126. Organizational Communication Theory and Practice (3).
COM 5127. Assessing Organizational Communication (3).
COM 5305r. Interactive Communication Research (1–3).
COM 5312. Research Methods in Communication (3).
COM 5314. Measurement of Listener-Viewer Attitude and Response (3).
COM 5316. Statistical Methods in Communication Research (3).
COM 5317. Content Analysis in Communication Research (3).
COM 5331. Computers in Communication Research (3).
COM 5336r. Interactive-Media Programming and Design (3).
COM 5337. Interactive Programming and Design for CD-ROM (3).
COM 5338. 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 5401. Analysis of Communication Theory (3).
COM 5450. Introduction to Project Management (3).
COM 5451. Advanced Topics in Project Management (3).
COM 5467. System Thinking and Project Management (3).
COM 5469. Communication Planning and Dispute Resolution (3).
COM 5526. Marketing Communication Management (3).
COM 5546. Political Communication (3).
COM 5906r. Directed Individual Study (3). (S/U grade only.)
COM 5911r. Supervised Research (1–5). (S/U grade only.)
COM 5920r. Colloquium in Communication (0–1). (S/U grade only.)
COM 5940r. Seminar in Communication Theory (3).
COM 6400r. Advanced Problems in Communication Theory and Research (2–8).
COM 6900. Preparation for the Preliminary Examination (2–4). (S/U grade only.)
COM 6931r. Special Topics in Communication Research (3).
MMC 5305. Comparative Systems of Mass Communication (3).
MMC 6409. The Diffusion of Innovations (3).
MMC 6920r. Colloquium in Mass Communication (3).
RTV 5253. New Communication Technology Theory and Research (3).
RTV 5325. Documentary Video Production (3).
RTV 5702. Communication Regulation and Policy (3).
RTV 6425r. Advanced Seminar in New Communication Technologies (3–6).
SED 5346. Teaching Oral Communication Courses (3).
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 5655. Political Rhetoric: Language and Persuasion (3).
SPC 6236. Contemporary Rhetorical Theory and Criticism (3).
SPC 6306. Contemporary Topics in Interpersonal Communication (3).
SPC 6920r. Colloquium in Speech Communication (3).
VIC 5006. Visual Communication (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Requirements for an Undergraduate Major in Communication Disorders

Students normally enter the program at the junior level and must have a minimum grade point average (GPA) of 2.8 for all course work, have successfully completed Florida State University’s liberal studies requirements, and have passed or been exempted from the CLAST. Admission to Florida State University does not ensure admission to the School of Communication Science and Disorders, nor does attainment of the minimum grade point average. Formal application to the department is required of all entering majors. Non-FSU or transfer students also must apply to the University. Normally, admission is for the fall semester. All materials necessary for admission applications must be submitted directly to the department by February 1 for priority admission. Additional deadlines and admission procedures can be found on the department Web site, at http://comm.fsu.edu/CommDisDept/Admissions.php.

It is recommended that students include MAC 1105 and STA 2122 in their pre-major course work.

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 course work 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 department 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 department’s classical or modern foreign language requirement is more extensive than the University’s foreign language admission requirement. It is important to understand that, although completion of two years of high school foreign language courses or two semesters of post-secondary foreign language will satisfy the University’s admission requirement, these courses do not satisfy the 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 department or elsewhere. At the undergraduate level, students are provided experiences relating to the basic processes of hearing, language, and speech. The junior-year course offerings focus on the basic science and developmental foundations of communication disorders for the special ST. Actual training during the senior year. To qualify for graduation from the major, all undergraduates in communication disorders must earn a grade of “C−” or better for each required major course and must have an overall GPA of at least 2.0 in major course work.

Speech-language pathology courses cover the nature, evaluation, and treatment of problems of articulation, language, fluency, voice, neurophysiological, and structural disorders affecting speech and language. Audiology courses are concerned with the identification, measurement, evaluation, and rehabilitation of persons with hearing impairments. Studies in communication science concern analysis and measurement of components of the production, transmission, and reception of the speech signal.

Undergraduate students learn anatomy and physiology of the speech and hearing mechanisms; sound and its perception; the development of language and communication systems; the components of the English sound system; the neurological bases of speech, language, and hearing; sign language; strategies for clinical intervention; diagnostic-evaluation strategies in speech, language, and hearing; basic concepts related to disorders in language, phonology, and fluency; 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 master’s degree are met.

The master’s of speech-language pathology program is accredited by the Council on Academic Accreditation in Audiology and Speech-Language
Pathology and prepares students to work in hospital, clinical, school, or private settings with a variety of developmental and acquired communication disorders.

Requirements for a Minor in Communication Disorders

Requirements for an undergraduate minor in communication disorders are fourteen semester hours in departmental courses, with a grade of "C-" or better in each course. At least six of the fourteen semester hours must be completed at Florida State University. Students include more than eight hours of sign language coursework toward the minor. Sign language courses used to satisfy the foreign language requirement cannot count toward the minor. Departmental approval must be obtained to register for certain courses in the minor. The minor application can be found at http://www.comm.fsu.edu/commdis or by contacting the department’s Academic Program Assistant at 644-2253. This form must be completed and signed by a student’s academic adviser before it is submitted to the department. Please note that a minor in the department does not qualify a student for professional certification or licensure.

Definition of Prefixes

ASL—American Sign Language
CGS—Computer General Studies
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 1250C. 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 2100C. 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.

CGS 2082. Computer Use in Communication Disorders (2). Introduction to computer use for students in communication disorders. Students develop competency in use of word processing, spreadsheet, and presentation software and in merging and inserting material across file types. Students learn effective ways to use search engines for scholarly material, to evaluate material from the Web and to share files.


LIN 3200L. Fundamentals of Phonetics Laboratory (1). Prerequisite: Communication-disorders major status. Corequisite: LIN 3200. Laboratory for LIN 3200.

LIN 3710. Normal Communication Development (3). Presents an overview of the cognitive, social, and neurological bases of communication development. Delineates the stages of language development for pragmatics, semantics, and syntax. Highlights the language differences of nonstandard English dialects and bilingualism and introduces language disorders.

SPA 2001. Communication Sciences and Disorders (3). This introductory course provides an overview of human communication disorders with a focus on the neuroanatomic, acoustic, biological, psychological, developmental, and linguistic principles underlying human communication disorders. It also provides an overview of the field of speech-language pathology and audiology with an emphasis on the scientific aspects of clinical assessment and rehabilitation of clients. Intended for non-majors. May not be for S/U or P/F grade; must be taken for letter grade only.

SPA 2020. Effective Oral Communication (3). This course surveys and applies selected techniques for generating effective oral communication using standard American English. Course topics include listening and speaking skills, vocal health, interpersonal communication, public speaking, speaking apprehension, and dialect/accent differences. Speaking activities are designed to meet the student’s professional goals.


SPA 3002. Introduction to Speech, Language, Hearing Disorders and Services (3). This introductory course provides an overview of speech, language, and hearing disorders and services across the life span. Students gain knowledge of service delivery models for assessment, intervention, and prevention of communication differences and disorders through reading, observation of clinical practice, and class participation in experiential learning activities.

SPA 3201. Phonological Development and Disorders (3). Prerequisite: LIN 3200C. Types of articulation problems and their etiologies; diagnostic techniques for articulation. A laboratory is required.

SPA 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 while assisting with activities in various research settings, through simulations in the classroom, and through individual projects.

SPA 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

SPA 4011C. Introduction to Communication Science (4). Basic acoustics and speech acoustics including frequency, intensity, duration, and wave composition and their psychological correlates, pitch, loudness, time, and sound quality. Lectures, demonstrations, and required laboratory project.

SPA 4050r. Clinical Observation and Practice (3). (S/U grade only.) Prerequisites: SPA 3201, SPA 4302, and SPA 4400. Supervised practice in therapeutic procedures with persons with various speech-language problems. May be repeated to a maximum of three (3) semester hours. Students may enroll in more than one section during the same semester.

SPA 4506. 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, and professional ethics. Students also gain an understanding of team membership and are introduced to the skills necessary for team building.

SPA 4101C. Anatomy and Physiology of the Speech Mechanism (4). An introduction to the anatomy and physiology of the systems underlying speech production: respiration, phonation, articulation, and resonance. The anatomy and physiology of the ear are also introduced. Lecture and laboratory experiences.


SPA 4222. Introduction to Fluency Disorders (3). Nature and causes of stuttering disorders and therapy.

SPA 4255. Developmental Communication Disorders (3). Course content places disorders in perspective, defines basic theories of causation, introduces identifying characteristics, and presents an overview of procedures for evaluation and treatment. Topics include cultural and linguistic diversity, evidence-based practice, and current trends in the discipline.

SPA 4257. Acquired Communication Disorders (3). This course introduces the principles involved with diagnosis and treatment of adults with communication disorders. Students in this course develop a fundamental knowledge of voice disorders, dysphagia, head and neck cancer, neurogenic communication disorders, motor speech disorders, language disorders, and cognitive-linguistic disorders.

SPA 4302. Introduction to Clinical Audiology (3). An introduction to disorders of hearing and the measurement of hearing loss by pure-tone, speech, and impedance audiometry.

SPA 4302L. Introduction to Clinical Audiology Laboratory (1). (S/U grade only.) Prerequisite or corequisite: SPA 4302. This course is the practical application of the techniques learned in SPA 4302.

SPA 4321. Aural (Re)habilitation I (3). Prerequisite: SPA 4302. Diagnostic-evaluation and (re)habilitation techniques.

SPA 4400. Children’s Language Disorders (3). Prerequisite: LIN 3710. Introduction to etiologies, behavioral observations, tests, and basic management procedures of language impairment.

SPA 4411. Acquired Language Disorders (3). Prerequisites: LIN 3710 and SPA 4104. Provides the student with the etiological, diagnostic, prognostic, psychosocial, and clinical management aspects of aphasia, apraxia, and dementia; also includes communication problems of patients with right hemisphere damage.

SPA 4431. Nature of Autism and Severe Communication Disorders (3). The purpose of this course is to provide class participants with an overview of the characteristics and etiology of autism spectrum disorders and the knowledge needed to develop effective compensation and language assessment and intervention strategies for individuals with autism and severe communication disabilities.

SPA 4565r. Practicum in Developmental Disabilities (3). This course is designed to provide a field experience for undergraduate students to gain an understanding of the services available to help people with developmental disabilities. May be repeated to a maximum of six (6) semester hours.

SPA 4800. Research Evaluation (3). Elements of quantitative research; application of psychological research methods to human communication problems.

SPA 4905r. Directed Individual Study (1–3). May be repeated to a maximum of eight (8) semester hours. Students may enroll in more than one section during the same semester.

SPA 4930r. Undergraduate Seminar in Communication Disorders (1–3).
SPA 4970r. Honors Thesis in Communication Disorders (1–6). Prerequisites: Admission to honors program and admission to the department of communication disorders. Course is available to seniors who are majoring in communication disorders and who are interested in undertaking independent and original research under the direction of a faculty member whose area of expertise matches the student’s interest. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

SPA 5055r. Professional Tools in Speech-Language Pathology (1–3).
SPA 5044. 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 5305Lr. 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 5525L. Laboratory in Child Speech-Language Diagnostics (1–3).
SPA 5528L. Laboratory in Adult Speech-Language Diagnostics (1–3).
SPA 5553. Seminar in Clinical Differential Diagnosis (1).
SPA 5554. Counseling in Speech-Language Pathology (3).
SPA 5554Lr. Supervision and Counseling in Communication Disorders (1).

SPA 5562. Advanced Seminar in Augmentative and Alternative Communication (1–3).
SPA 5564. Communication and Aging (3).
SPA 5565. Seminar in Dysphagia (3).
SPA 5566. Communication for Persons Deaf and Hard of Hearing (3).
SPA 5906r. Directed Individual Study (1–3). (S/U grade only.)
SPA 5910r. Supervised Research (1–5). (S/U grade only.)
SPA 5941r. Beginning Speech-Language Pathology Practicum (2–4).
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 6231r. Seminar in Neuropathologies (1–3).
SPA 6434r. Seminar on Developmental Disabilities (1–3).
SPA 6804. University Academic and Clinical Teaching Colloquium (0–2). (S/U grade only.)
SPA 6805r. Seminar in Clinical Research Methods (3).
SPA 6825r. Seminar in Speech Pathology (1–3).
SPA 6841r. Seminar in Language (1–3).
SPA 6900r. Readings for the Preliminary Examination (1–6). (S/U grade only.)
SPA 6930r. Seminar in Special Topics (1–3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of COMPUTER SCIENCE

COLLEGE OF ARTS AND SCIENCES

Chair: David Whalley. Professors: Aggarwal, Baker, Burmester, Hawkes, Mascagni, Whalley; Associate Professors: Liu, Schwartz, Srinivasan, Tyson, Van Engelen, Yuan; Assistant Professors: Duan, Kumar, Li, Wang, Zhang; Courtesey Professors: Mesquita, Desmedt, Evans, Jones; Associates in Computer Science: Lacher, Langley, Myers, Stoecklin, A. Tyson; Assistant in Computer Science: Chang; Professors Emeriti: Kohout, Lacher, Levitz

In computer science education, whether graduate or undergraduate, currency is essential. Computer science is an exceptionally fast-moving field where knowledge is subject to rapid obsolescence and ideas progress swiftly from research to practice. The department therefore seeks to offer technical instruction that stays on the cutting edge of new developments while simultaneously providing each student with a core of intellectual tools that will never become obsolete. The department views skills in communication, mathematics, and algorithmic reasoning as central and the understanding of underlying principles as more important than familiarity with specific technical products. Still, direct hands-on experience is essential to mastering these skills and principles. If students are to be adequately prepared for careers in computer science, they should have extensive experience with machines and software that are state-of-the-art.

The Department of Computer Science offers undergraduate and graduate programs leading to the Bachelor of Science (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 in a) core disciplines such as programming languages, compilers, real-time systems, networks, parallel computation, databases, fault tolerance, and foundations; b) scientific and engineering applications areas, including scientific problem solving environments and large-scale scientific computation and databases; c) computer and network security, including cryptography; and d) other areas, including neural networks, expert networks, and fuzzy sets and systems. 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 Security and Assurance in Information Technology (SAIT) Laboratory (http://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://acvl.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 Laboratory (ECIT) 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.
- Institute (FCI) The Compustat Group at FSU (http://compustat.fsu.edu) fosters interaction and promotes collaboration among faculty and students in the Computer Science, Statistics, Mathematics, Scientific Computing, Biological Science, Chemistry, and College of Medicine at FSU with goals to further understand and better model complex living systems at all physical and temporal scales. Active research groups also study the following: operating systems, databases and data mining, applied computational geometry, Web-based 3D simulation, tools for distributed applications, tools for weather forecasting, probabilistic networks, knowledge-based management decision tools, random number generation, Monte Carlo and Quasi-Monte Carlo methods, grid-based computing, real-time systems, application of fuzzy relations and non-classical logics, and modeling and simulation environments.

Degrees Offered

The Department of Computer Science offers programs leading to the Bachelor of Science (BS) and Bachelor of Arts (BA) degrees, the Master of Science (MS) and Master of Arts (MA) degrees, and the Doctor of Philosophy (PhD) degree in Computer Science (CS). At the bachelor and master levels, programs of study are available for those who plan to work toward higher degrees, as well as for students planning on careers as computing professionals.

The department also offers a combined BS/MS degree option, designed for academically strong students who wish to pursue an accelerated program culminating in a BS and a MS degree in computer science. Students who have reached junior status and have at least a 3.5 GPA (overall and in CS/mathematics courses) should contact the departmental adviser for more information.

The department offers an interdisciplinary BS degree in computational biology in conjunction with the Department of Biological Science. The purpose of this interdisciplinary major is to provide a top-notch educational program for students interested in the areas of computational biology and bioinformatics. The program seeks to achieve two goals: (1) to develop an understanding of the issues associated with developing biologically meaningful computational models, and (2) to give students the broad-based education that is needed to create a set of models toward solving a practical biomedical problem.

The department offers an interdisciplinary BS degree in Computer Criminology. 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.

Accreditation

The undergraduate degree program in computer science, including both the computer science and software engineering majors, 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 this accreditation is specifically for the computer science degree program and is not applicable to the computational biology degree program or the computer criminology degree program. Note also that the software engineering major within the computer science degree program is not accredited as a software engineering degree program by the ABET Engineering Accreditation Commission.

Distance Learning

The undergraduate degree program in Computer Science is available through Internet-supported distance learning. Certain limitations regarding students seeking admission to upper-division studies in the Computer Science Department apply. For more information contact Florida State University’s Office for Distributed and Distance Learning at http://learningforlife.fsu.edu/apps/.

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 majors in computer science satisfy this requirement by earning a grade of “C-” or higher in COP 4530.

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/navigation/detail_ext/cpp_intro.do?pageId=060304 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: introductory programming in Ada, C, C++, or PASCAL or equivalent language for three (3) credit hours
2. MAC X311
3. MAC X312
4. PHY X048/X048L or PHY X048C
5. PHY X049/X049L or PHY X049C
6. XXX XXXX: two (2) science courses for six (6) credit hours for science majors

### College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

### Requirements for the Degree Program in Computer Science

The undergraduate program in computer science is limited access but, as of Summer 2009, limited-access enforcement has been suspended indefinitely. A student who has accumulated more than five grades below “C–” (including grades of “U”) in mathematics, statistics, natural science, or computer science courses taken for college credit at Florida State University or elsewhere, whether repeated or not, will not be permitted to continue as a major in the department. Currently, there are two majors for the CS Bachelor’s degree: computer science (CS) and software engineering (SE). A distance-learning version of these majors is offered through the Panama City campus.

**Note:** The term “major” as used to describe the software engineering program is often called a “track” or “option” in other states or at other universities. In the following listing of requirements, courses that are required for only one major are marked with the major abbreviation in parentheses.

A grade of “C–” or better must be earned in each of the following courses: CDA 3100, 3101; CEN 4201; CIS 4250; COP 3014, 3330, 3353, 4202 (CS); 4530, 4531, 4610, 4710; COT 4420 (CS); CEN 4425 (SE); MAC 2311, 2312; MAD 2104, 3105; STA 4442, STA 4521, or STA 3032.

In addition, the student must complete at least eleven semester hours of computer science electives, at least nine semester hours of which must be at the 4000 level. Additionally, SE major students must take an advanced math elective. For the CS major, or statistics course credit, one of the prerequisites must be a prerequisite of calculus or discrete mathematics. One of the computer science electives must be an advanced programming language not presented in the other required course offerings. All CGS courses, individual instruction courses such as CIS 3949r Internship in Computer Science, and CIS 4900 Directed Individual Study will not count toward the CS electives. The student must complete PHY 2048C, 2049C, and three additional semester hours of science in a discipline other than physics. All courses used to satisfy the science requirement must be identified as “For Science Majors” within the Liberal Studies Program or have such a course as a prerequisite. Approval is to be requested prior to registration for the elective courses. All students are required to complete an exit survey for both the Department of Computer Science and the College of Arts and Sciences during their term of graduation. These forms may be obtained from the Academic Coordinator’s Office (Room 203C Love Building). Final clearance for the degree is performed by the Department of Computer Science; if the exit survey has not been submitted, the department will not approve graduation. Students following this degree will complete a total of at least one hundred twenty semester hours in order to satisfy all University and major requirements.

The required collateral courses in mathematics, physics, and statistics constitute an acceptable interdisciplinary minor for students in the Computer Science degree program. Students may contact the undergraduate adviser for information concerning other acceptable minors.

**Note:** These requirements are subject to change. Please refer to http://www.cs.fsu.edu/current/undergrad/ for the most current information.

### Requirements for the Degree Program in Computational Biology

The common prerequisites for this program are currently being determined. Lower-division students should complete the 1000 and 2000-level science and calculus courses listed below. The undergraduate program in computational biology has the following requirements. Note that students must complete all applicable university and college requirements. All courses applicable to the major must be completed with a grade of “C–” or better.

From biological sciences, students must complete BSC 2010, BSC 2011, PCB 3063, and PCB 4674, for a total of eighteen 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 4532, and PCB 4843.

From computer science, students must complete CDA 3100, COP 3014, COP 3330, COP 3353, and COP 4530, for a total of sixteen hours. In addition, three hours of computer science elective credit must be chosen from: CDA 3101, COP 4531, COP 4710, and COP 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 2054C totaling eight or ten hours; Chemistry: CHM 1045, CHM 1045L, CHM 1046 and CHM 1046L totaling eight hours.

### Requirements for the Degree Program in Computer Criminology

The undergraduate program in computer criminology has the following requirements. All students must complete all applicable university and college requirements. All courses applicable to the major must be completed with a grade of “C–” or better.

From computer science, students must complete the following core: COP 3014, COP 3353, COP 3330, COP 3353, COP 4610, and COP 4710. The capstone course CIS 4930 must be completed for three credits.

From criminology, students must complete the following core: CJI 3011, CJE 4610, CJI 4064 and CCJ 4700, totaling twelve hours. A total of nine elective hours must be completed, chosen from CIL 3510, CJE 3110, CJI 3664, CCJ 4010, CCJ 4209, and CCJ 4610.

In mathematics, students must complete MAD 2104 for three hours.

### Requirements for a Minor in Computer Science

A minor in computer science consists of twelve semester hours in a specific combination of computer science courses for which the student has obtained written approval in advance from the department. Students must also satisfy stated prerequisites before enrolling in any computer science course. A grade of “C–” or better must be earned in each course counted toward the minor.

### Definition of Prefixes

**CAP** — Computer Application Development

**CDA** — Computer Design/Architecture

**CEN** — Computer Software Engineering

**CGS** — Computer General Studies

**CIS** — Computer Science and Information Systems

**CNT** — Computer Networks

**COP** — Computer Programming

**COT** — Computing Theory

**Note:** Before taking any computer science course, the student must complete a grade of “C–” or better for each course prerequisite to that course. Moreover, a student who earns a “C–” or better in a course with one or more stated or implied prerequisites may not subsequently earn credit in the prerequisite course(s). For example, a student who has earned a “C–” or better in CDA 4150 may not subsequently enroll in CDA 3101 or MAD 3105.

### Undergraduate Courses

**Note:** Certain courses are sometimes offered in a distributed format and as such are available to distance learning students in addition to residential students. Contact the Computer Science Department for details or go to http://www.cs.fsu.edu.
CAP 401. Introduction to Artificial Intelligence (3). Prerequisite: COP 4530. This first course in Artificial Intelligence (AI) is designed to expose the student to both the breadth and depth of AI. Topics include problem solving, knowledge and reasoning, acting logically, uncertain knowledge and reasoning, learning, and communicating, perceiving and acting.

CAP 4730. Computer Graphics (3). Prerequisite: COP 4530. Topics include: the fundamental hardware and software elements of computer graphics systems, including intelligent terminal, graphics and printer interfaces, graphics boards, mainframes, minicomputers, and industry definitions of interactive vector graphics; CAD/CAM; office automation; and computer animation.

CDA 3100. Computer Organization I (3). Corequisites: COP 3330 and MAD 2104. This is a core course intended for computer science majors with previous C/C++ background. The course introduces fundamental concepts in computer organization and 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.

CDA 3101. Computer Organization II (3). Prerequisite: CDA 3100 and MAD 3105. High performance architecture design and analysis, including memory-system design, pipelining, vector computers, and multiprocessors.

CEN 4010. Software Engineering Principles and Practice (3). Prerequisite: CEN 4010 and COP 3331, as well as experience creating or changing a large software system; and pursuing principles of software engineering to practice. May be repeated to a maximum of six (6) semester hours. Topics in this course include classical and modern principles and practice of software engineering, including classical and object-oriented approaches to software design, life cycle, and project management; software metrics; change management; teams and teaming tools; reusability, portability, and interoperability; requirements and specification.

CEN 4020. Software Engineering I (3). Prerequisite: COP 4530. The first of a two-semester software engineering-sequence, this course integrates theory and practice through a project. Topics include theory, tools, requirements elicitation, software requirements specification; software development, development life cycle, teams, and project management. Oral presentation required.

CEN 4021. Software Engineering II (3). Prerequisite: CEN 4020; STA 3032 or STA 4321; and STA 4442. The second of a two-semester sequence on project-system development, this course focuses on software design and implementation. Topics include software design, development, metrics, configuration management, reusability, portability, and interoperability.

CEN 4681. Expert Systems (3). Prerequisite: COP 4530. Topics include: definitions and historical development, methodology tools for analysis and design, survey of existing systems, inference engines, and theory and applications of fuzzy relational products to new systems development.

CGS 2060. Computer Fluency (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 skills. Students learn about digital technologies, telecommunications, the Internet and World Wide Web, operating systems, and digital media, and the importance of digital security, digital society, as well as ethics. Not open to students with credit in CGS 2100.

CGS 2064. Computer Literacy II (3). Prerequisite: CGS 2060 or instructor permission. This course builds on skills and concepts learned in CGS 2060 Computer Literacy, to show students how digital technologies are used in professional environments to assist in productivity, and career opportunities, with a focus on networking, 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 graphics and photo editing, animation, database development, and Web development. Computer Literacy or equivalent computer experience is required for admission.

CGS 2100. Microcomputer Applications for Business/Economics (3). Prerequisite: MAC 1105. May not be applied toward a computer science major or minor. Not open to students with credit in CGS 2060. 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, multi-media presentations, and information systems.

CGS 2350r. Special Topics for Non-Majors (1-3). This is a special topics course for non-majors, topics vary by course approval. May be repeated to a maximum of six (6) semester hours. May be repeated to a maximum of six (6) semester hours with instructor permission. May be repeated to a maximum of three (3) semester hours.

CGS 3066. Web Programming and Design (3). This course provides an overview of 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. Students will learn the best tools and techniques for building professional-grade, dynamic, and interactive Web pages and sites.

CGS 3403. Introduction to COBOL Programming for Business (3). Prerequisite: CGS 3406 or COP 3014. May not be applied toward a computer science major. Study of the use and management of COBOL in business and government organizations. Specific programs are developed to solve typical management and data-processing problems. Structured approaches to problems and design solutions are discussed in detail. Also taught by the College of Business.

CGS 3406. Object-Oriented Programming in C++ (3). Prerequisite: MAC 1140. May not be applied toward a computer science major. Topics include 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.

CGS 3408. Introduction to Programming with the C Language (3). Prerequisite: MAC 1140. This course is an introduction to C programming. Topics include types, operators, and data structures; control flow; arrays and subscripts, further control structures, subprograms, formatted input/output, and software design techniques. Eight to ten programming projects are required.

CGS 3416. Java Programming for Non-specialists (3). Prerequisite: MAC 1105. Topics include Java basics, a review of structured and object-oriented programming concepts, classes, constructors, interfaces, exceptions, I/O, graphics concepts, jar files, compilation, debugging techniques, and small programs. APIS, HTML, XML, and XHTM.

CGS 3460. FORTRAN for Non-specialists (3). Prerequisite: MAC 1105. May not be applied toward a computer science major. Introduction to programming; rudiments of FORTRAN, problem solving by computer, basic data types, basic control structures, arrays and subscripts, further control structures, subprograms, formatted input/output.

CIS 3931r. Intermediate Topics in Computer Science (2-3). Prerequisite: COP 3502. May not be repeated. Topics will vary from term to term and section to section. Analyzes intermediate topics in the area of computer science. May be used as a self-contained study of a programming language in the context of applications for which the language is particularly suited. May be repeated to a maximum of nine (9) semester hours.

CIS 3943r. Internship in Computer Science (3-6). (S/U grade only.) Prerequisites: COP 4530; successful completion of 60 hours of course work with a minimum overall GPA of 3.0, including 15 hours in computer science courses (prefixes of CAP, CDA, CEN, CGS, CIS, COP, COT) with a minimum GPA of 3.2; and internship coordinator permission. Field placement in approved industry or government entity having significant information technology or computer science component by approval only. May be taken for variable credit and repeated (with departmental approval), but only three (3) semester hours may count toward graduation. Successful completion 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 (12) semester hours.

CIS 3949r. Cooperative Education Work Experience (0). (S/U grade only.) Work experience with a firm or agency to be determined on an individual basis. May be repeated to a maximum of six (6) times.

CIS 4250. Ethics and Computer Science (3). Prerequisite: a 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 current topics related to software development, ethics, software development, and industry trends are discussed. These issues are explored as well as analyzed through various ethical-analysis 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 4360. Introduction to Computer Security (3). Prerequisite: CGS 3406 or COP 3014 or equivalent programming course. Course covers computer security threats and attacks, covert channels, trusted operation systems, access control, entity authentication, security policies, models of security, database security, administering security, physical security of information systems, forensic investigation, CAPEST, and brief introductions to network security and legal and ethical aspects of security.

CIS 4361. Applied Computer Security (3). Prerequisite: CIS 3100 and COP 3330. 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 analyzes the principles to support vulnerability assessment and countermeasure design.

CIS 4900r. Directed Individual Study (1-4). May be repeated to a maximum of twelve (12) semester hours.

CIS 4930r. Special Topics in Computer Science (3). Prerequisite: at least six (6) semester hours in computer science or software engineering or at above the 4000 level. May be repeated to a maximum of twenty-four (24) semester hours.

CIS 4933r. Honors Work (3). May be repeated to a maximum of nine (9) semester hours.

CNT 4406. Network Security and Cryptography (3). Prerequisites: COP 4530 or MAD2104. 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. 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 3501. Programming I (3). Prerequisite: MAC 1140. Fundamental concepts and skills of programming in a high-level language. Flow of control: sequence, selection, iteration, subprograms. Data structures: arrays, strings, structs, ADT lists and tables. Algorithms using selection and iteration (decision making, finding maxima and minima, basic searching and sorting, simulation, etc.). Good program design using a procedural paradigm, structure, and style are emphasized. Interactive and file I/O. Testing and debugging techniques. Intended primarily for computer science or computer engineering majors, or anyone who is required to take COP 3330.
COP 3252. Internet Applications Programming with Java (3). 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 Graphical User Interfaces using Swing; an introduction to distributed objects using Java Remote Method Invocation (RMI); and server-side programming using Servlets and JDBC. Emphasis is placed on practical programming using these technologies.

COP 3330. Object Oriented Programming (3). Prerequisite: COP 3014. Corequisite: COP 3353. 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 (1). This course for majors and non-majors offers 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). Prerequisites: MAC 1105 and previous computer experience. May not be applied toward a major in computer science. Course covers basic computer organization, computer languages and software, language translation and interpretation, object oriented design, object oriented programming, classes, objects, and inheritance, file systems and I/O.

COP 4020. Programming Languages (3). Prerequisite: COP 4530. This course covers the principles of programming languages, including language constructs, syntactic and 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.

COP 4342. Unix Tools (3). Prerequisite: COP 3330. This course is an introduction to selected Unix tools and utilities that are useful for advanced users, programmers, and system administrators, such as shell scripts, the perl language, revision control systems, debuggers, editors, and the make, awk, sed, and expect utilities.

COP 4380. Reactive Systems Programming (3). Prerequisite: COP 4530. Corequisite: COP 4610 or instructor permission. 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 or corequisite: CDA 3100. 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 4530; MAD 3105; STA 3032 or STA 4321; and STA 4442. Analysis of the complexity of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs.

COP 4610. Operating Systems and Concurrent Programming (3). Prerequisite: COP 4530. Prerequisite or corequisite: CDA 3101 or instructor permission. 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 4613. Real-Time Systems (3). Prerequisite: COP 4610. Survey of issues in the design and implementation of real-time computer systems. Topics include: the use of computers for controlling real-time processes, the use of Ada in embedded computer systems, and implementation of a real-time computer system.

COP 4710. Theory and Structure of Databases (3). Prerequisites: COP 3330 and MAD 2104. Theory of 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 (both session and entity beans). Use of the Sun Microsystems Java 2 Enterprise Edition development platform either directly or through an Integrated Development Environment such as IBM’s Websphere is also covered.

COT 4420. Theory of Computation (3). Prerequisite: MAD 3105. Introduction to the theory of computation, including models of computation such as Turing machines; theory of programming languages, including grammars, parsing, syntax, and semantics.

COT 4425. Formal Methods in Software Engineering (3). Prerequisite: MAD 3105. Formal methods in software analysis and design, including formal specification and verification.

Graduate Courses

CAP 5605. Artificial Intelligence (3).
CAP 5615. Artificial Neural Networks (3).
CAP 5632. Automated Reasoning (3).
CAP 5638. Pattern Recognition (3).
CDA 5140. Fault Tolerance and Reliability (3).
CEN 5000. Knowledge Management and Data Engineering (3).
CEN 5035. Software Engineering (3).
CEN 5055. Project Development (3).
CEN 5064. Advanced Software Design (3).
CGS 5076. Advanced Navigating the Internet (3). (S/U grade only.)
CGS 5266. Digital Design (3). (S/U grade only.)
CGS 5267. Principles of Computer Organization (3). (S/U grade only.)
CGS 5275. Assembly and Machine Language (2). (S/U grade only.)
CGS 5409. Object-Oriented Programming in C++ for Non-majors (2).
CGS 5425. Object-Oriented Programming with Data Structure (3). (S/U grade only.)
CGS 5426. Programming Language Concepts (3). (S/U grade only.)
CGS 5427. Algorithm Design and Analysis (3). (S/U grade only.)
CGS 5428. Relational Database Theory (3). (S/U grade only.)
CGS 5429. Introduction to Computer Theory (3). (S/U grade only.)
CGS 5469. FORTRAN for Graduate Non-specialists (3). (S/U grade only.)
CGS 5765. Principles Operating Systems (3). (S/U grade only.)
CIS 3370. Computer Security (3).
CIS 5371. Cryptography (3).
CIS 5900r. Directed Individual Study (1–9). (S/U grade only.)
CIS 5910r. Supervised Research (1–5). (S/U grade only.)
CIS 5915r. Graduate Software Project (1–9). (S/U grade only.)
CIS 5920r. Colloquium (1). (S/U grade only.)
CIS 5930r. Selected Topics in Computer Science (1–3).
CIS 5935. Introductory Seminar on Research (2). (S/U grade only.)
CIS 5940r. Supervised Teaching (1–5). (S/U grade only.)
CNT 5415. Applied Computer and Network Security (3).
CNT 5505. Data and Computer Communications (3).
CNT 5605. Computer and Network Administration (3).
COP 5335. Reactive Systems and Hierarchical State Machines (3).
COP 5517. Generic Programming (3).
COP 5570. Advanced UNIX Programming (3).
COP 5611. Operating Systems (3).
COP 5621. Compiler Construction (3).
COP 5641. Kernel and Device Driver Programming (3).
COP 5725. Database Systems (3).
COP 5818. Distributed Applications Development (3).
COP 6622. Advanced Topics in Compilation (3).
COT 5310. Theory of Automata and Formal Languages (3).
COT 5315. Programming Language Foundations (3).
COT 5405. Advanced Algorithms (3).
COT 5410. Complexity of Algorithms (3).
COT 5507. Analytic Methods in Computer Science (3).
COT 5540. Logic for Computer Science (3).
CAP 6417. Theoretical Foundations of Computer Vision (3).
CIS 6090r. Directed Individual Study (1–12). (S/U grade only.)
CIS 6630r. Advanced Topics in Computer Science (1–3).
CIS 6935r. Advanced Seminar in Computer Science (1).

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

CONSUMER AFFAIRS: see Textiles and Consumer Sciences
COUNSELING PSYCHOLOGY AND HUMAN SYSTEMS: see Educational Psychology and Learning Systems
CRIMINOLOGY AND CRIMINAL JUSTICE

College of Criminology and Criminal Justice

Professors: Baumer, Blomberg, Chiricos, Doerner, Gertz, Kleck, Maier-Katkin, Waldo; Associate Professors: Bales, Bullington, Cooman, Greek, Hay, Mears, Stewart; Assistant Professors: Bacon, Barker, Beaver, Close, Stults, Warren

The College of Criminology and Criminal Justice offers undergraduate and graduate programs leading to the Bachelor of Science (BS), Bachelor of Arts (BA), Master of Science (MS), Master of Arts (MA), and Doctor of Philosophy (PhD) degrees. Undergraduate degree programs include criminology and criminal justice as well as computer criminology, a joint program with the Department of Computer Science. An accelerated Bachelor’s to Master’s degree program is offered in criminology and criminal justice for eligible students. Certificates are available in corrections, law enforcement, and security administration, as well as in underwater crime-scene investigation (UCSI) offered at the Panama City campus. A distance-learning Master’s of Science (MS) degree program in criminal justice studies is available. Also available is a dual Master’s degree program with the School of Public Administration and the College of Social Work. Evening courses are offered for undergraduate and graduate students.

Refer to the “College of Criminology and Criminal Justice” chapter in this General Bulletin for additional details on degree requirements, the college, student opportunities, and financial aid.

Academic Performance and Retention

The College of Criminology and Criminal Justice reserves the right to discontinue enrollment of any student in the College at any time if satisfactory academic progress is not being made. Specifically, students majoring in criminology and criminal justice must make a “C” or better in the three core courses and maintain 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 permitted to continue, be readmitted, or be allowed to graduate with a major in criminology or criminal justice.

Students majoring in computer criminology must earn a “C” or better in core courses CCJ3011 and CCJ4700, 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-” (D+, D, D-, F, U, IE) 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 student who applies for readmission to the College must meet the major and degree requirements of the General Bulletin in force on the date of readmission.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer competency skills prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in criminology and criminal justice 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 for Computer Criminology

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/navigation/detail_ext/cpp_intro.do?pageld=060304 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: three (3) credit hours in computer programming
2. MAC X105
3. MAC X140

Major Requirements for Criminology and Criminal Justice

To major in criminology and criminal justice, 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), Criminal Justice (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 (15 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.

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 to 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 3011, CCJ 4700, CJE 4610, CJL 4064, and COP 3353. The required core courses from computer science are CDA 3100, COP 3014, COP 3330. A total of six hours of capstone coursework representing criminology and criminal justice and computer science is required. Students must also complete a minimum of seven semester hours of criminology and criminal justice coursework 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 major and degree requirements of the General Bulletin in force on the date of readmission.

Minor Requirements

For information concerning requirements for a minor in criminology and criminal justice, please refer to the “Minor Requirements” section in the “College of Criminology and Criminal Justice” chapter in this General Bulletin.

Internships

A variety of internships are available at the local, state, and federal levels. Students can choose from the fields of law enforcement, courts, corrections, criminal justice planning, criminological research, and private sector opportunities. The internship is available for juniors and seniors who have completed the core courses (CCJ 2020, 3011, and 4700) and have satisfied the CLAST requirement. The intern receives a satisfactory/unsatisfactory (S/U) grade, and full credit is given upon successful completion of both the academic component and work hours.

Students are advised that information pertaining to all matters of public record, such as arrests and convictions, may be required by the agencies accepting interns. Although a reasonable effort is made to place a student in an internship, Florida State University will not be liable if a student cannot be placed. Students are responsible for all living and transportation expenses during field experiences.
Certificates

The College of Criminology and Criminal Justice offers four certificate programs: corrections, law enforcement, and security administration, as well as one in underwater crime scene investigation offered at the Panama City campus.

Honors in the Major

The College of Criminology and Criminal Justice encourages 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
CJL—Juvenile Justice
CJL—Law and Process
SCC—Security

Computer Science

CDA—Computer Design/Architecture
CS—Computer Science and Information Systems
COP—Computer Programming

Undergraduate Criminology and Criminal Justice Courses

CCJ 1005. Criminology Freshmen Seminar (3). Introduces criminology students to pivotal readings and philosophies of the criminal justice system and exposes students to a variety of speakers and sessions related to criminal justice.

CCJ 2020. Introduction to Criminal Justice (3). 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 3654. Drugs, Drug Users, and the Justice System (3). This course provides an introduction into the history, pharmacology, health consequences, and crime-related aspects of mind-affecting drugs. Emphasis on effects on criminal behavior, the legal response to the problem, and treatment and prevention of abuse.

CCJ 3666. Victimization (3). This course examines the roles of victims in crimes; their treatment by the criminal justice system; their decisions to report crimes and help prosecute offenders; victim assistance, and victim compensation. Special focus on sexual battery and domestic violence.

CCJ 3667. Religion and Crime (3). This course examines the influence of religion on crime from historical, sociological, and criminological perspectives. Students learn how religion operates both as a protection against crime and as a motivation for crime.

CCJ 3677. Crimes against Humanity (3). This course is a multi-disciplinary examination of the emergence and impact of modern conceptions of human rights, including inquiry into the 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 3949x. Cooperative Education Work Experience (1). (S/U grade only.)

CCJ 4004. Comparative Criminology and Criminal Justice (3). This course introduces students to a global, comparative approach to the study of crime and criminal justice systems, beginning with the discussion of transnational crime and issues related to its measurement and continuing with the study of the four major legal traditions (common law, civil law, socialist 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). Introduces an understanding into normal human behavior and development in social context.

CCJ 4283. Historical, Philosophical, and Ethical Issues in the Criminal Justice System (3). Provides an examination of the most important foundational, philosophical, and ethical issues in the criminal justice system, which include the justification of criminal law, the relationship between law and morality, and the moral rationale of punishment.
CJL 4064. Individual Rights and the Criminal Justice System (3). This course offers an examination of the full range of rights in criminal justice, dealing with them not only in broad philosophical terms but also in terms of specific situations, including the rights of the accused and extending to the rights of convicts, victims, witnesses, probationers, ex-convicts, officials, journalists, and the more generalized rights of participation by interest group advocates, taxpayers, and citizens in criminal justice policy and administration.

CJL 4110. Substantive Criminal Law (3). This course offers an examination of the central principles of criminal law, which include the substantive elements defining criminal conduct for specific crimes and the various exculpatory conditions for criminal liability.

CJL 4565. Courts and Social Policy (3). This course examines the role of courts in determining social policy as it relates to criminality. Emphasis is directed toward the political and social inputs that influence judicial decision making and the role of democracy and punishment in the courts. These topics will be examined using current social policy.

The course satisfies oral competency requirements.

SCC 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.

Note: The following courses are offered only at the Panama City Campus, as part of the Certificate in Underwater Crime Scene Investigation:

CJE 3761. Introduction to Underwater Investigation (3). This course presents the history and principles of basic oceanography, physics, and physiology as they relate to exposure to compressed gas environments, and introduces guidelines for the deduction of safe parameters from those principles. Students are provided the theoretical foundation for individuals preparing to be scientific investigators underwater.

CJE 3761L. Introduction to Underwater Investigation Laboratory (1). Corequisite: CJE 3761. This laboratory course presents the principles and practice of compressed-gas life support system for underwater hyperbaric exposure. Students develop proficiency in the basic skills required to perform safe underwater investigations, including observations and contaminated environments and underwater data collection.

CJE 3762. Forensic Science in Investigation (3). This course combines theories of the conduct of crime with knowledge of how physical evidence is produced during the commission of a crime to produce information that enables the investigation and prosecution of criminal activity. Emphasis is placed on decision-making in forensic science examination and evaluation of their reliability.

CJE 3762L. Forensic Science in Investigation Laboratory (2). Corequisite: CJE 4762. This laboratory applies various techniques and principles of forensic science generated during the commission of a crime to produce information required to detect and investigate criminal activity. An emphasis is placed on the implementation of protocols and evaluation of failure rates.

CJE 3763. Scientific Underwater Investigation (3). Prerequisite: CJE 3761. This course builds upon the Introduction to Underwater Investigation by providing the technology to collect data in an underwater environment according to the scientific method. This course delineates the similarities and differences of investigative techniques used in forensic science and other scientific fields.

CJE 3764. Underwater Crime Scene Methodology (3). Prerequisites: CJE 3762 and CJE 3763. This course synthesizes the various theories for the conduct of crime with the knowledge of how physical evidence is produced during the commission of a crime on or under the water to produce information that enables the investigation and prosecution of criminal activity.

CJE 3764L. Underwater Crime Scene Methodology Laboratory (1). Prerequisites: CJE 3762 and CJE 3763. Corequisite: CJE 3764. This laboratory builds upon the Introduction to Underwater Investigation Laboratory by providing the tools and techniques to collect data in an underwater environment for prolonged periods of time. The underwater data collection techniques use traditional underwater technology adapted from forensic science and other scientific fields.

CJE 3765. Underwater Crime Scene Investigation (3). Prerequisite: CJE 4764. This course combines the various analytical underwater examinations into a holistic investigation process designed to locate and detect persons and physical evidence involved in, or victims of, a crime underwater. Emphasis is placed on the theory of the technology and the scientific decision-making required for its optimum application and conducting an investigative program.

CJE 3765L. Underwater Crime Scene Investigation Laboratory (1). Corequisite: CJE 3764L. This laboratory course applies methodology based on advanced technology to enhance the location and detection of physical evidence used, or intended for use, in the commission of underwater crimes. Emphasis is placed on the use of the incident command system and the UCSCI process for management of a crime scene investigation.

Undergraduate Computer Science Courses

CDA 3100. Computer Organization I (3). Corequisites: CDA 3330 and MAD 2104. This is a core course intended for computer science majors with previous C++/C background. The course introduces fundamental concepts in computer organization and 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.

CJS 4361. Applied Computer Security (3). Prerequisite: CDS 3100 and COP 3330. This course addresses threats to and vulnerabilities of information systems and provides hands-on opportunities for students to work with code and technology. The course also covers analytic principles to support vulnerability assessment and countermeasure design.

CJS 4930r. Special Topics in Computer Science (3). Prerequisite: at least six (6) semester hours in computer science or software engineering at or above the 4000 level. May be repeated to a maximum of twelve (12) semester hours.

CNT 4406. Introduction to Computer Networks (3). Prerequisite: COP 4590. 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, internetworking, switching technologies, multicast, and mobility, link layer, local area networks, error detection and correction; wireless networks; multimedia networking; network security; network management.

CNT 4504. Introduction to Computer Networks (3). Prerequisite: COP 4590. Circuit switched and packet switched networks, protocols, protocol layering; application layer, multiplexing and demultiplexing, UDP, TCP, reliability, flow control, congestion control; network layer, routing protocols, switching technologies, multicast, mobility; link layer, local area networks, error detection and correction; wireless networks; multimedia networking; network security; network management.

CNT 4603. Computer and Network System Administration (3). Prerequisite: CJS 3404 or COP 3014. This course offers a hands-on 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 administration procedures, including configuration of the Unix and Windows operating systems; and practical troubleshooting and problem solving.


COP 3330. Object Oriented Programming (3). Prerequisite: COP 3014. Corequisite: COP 3335. Object-oriented programming in a modern programming language; classes, objects, inheritance, and polymorphism; introduction to data structures and container classes.

COP 3335. Introduction to UNIX (1). This course for majors and non-majors offers 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 (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 4342. Unix Tools (3). Prerequisite: COP 3330. This course is an introduction to selected Unix tools and utilities that are useful for advanced users, programmers, and system administrators, such as shell scripts, the perl language, revision control systems, debuggers, editors, the make, awk, sed, and expect utilities.

COP 4350. Data Structures, Algorithms and Generic Programming (3). Prerequisites: COP 3330 and MAD 2104. Prerequisite or corequisite: CDA 3100. 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. Prerequisite or corequisite: CDA 3101 or instructor permission. Design principles of batch, multiprocessing, and time-sharing operating systems; linking, loading, input-output systems, interacting processes, storage management, process and resource control, file systems.

COP 4710. Theory and Structure of Databases (3). Prerequisites: COP 3330 and MAD 2104. 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. Criminology 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. Prossemario 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 Criminal Theories (3).

CCJ 5607. History of Criminological Thought (3).

CCJ 5609. The Conduct of Inquiry in Criminal Justice and Criminal (3).

Florida State University

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).
CJJ 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 course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

Critical Theory:
see Graduate Bulletin

Czech:
see Modern Languages and Linguistics
Department of DANCE

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Co-Chairs: Patricia Phillips, Russell Sandifer; Professors: Davis, Farrell, Fichter, Morgan, Phillips, Sommer, Wagoner, Young, Zollar; Associate Professors: Austin, Corbin, Glenn, Houlihan, Humphreys, Sandifer, Welsh; Assistant Professor: McCullough; Associate in Dance: Fausone; Assistant in Dance: Calienes.

The Department of Dance offers work leading to the Bachelor of Fine Arts (BFA) degree in dance in an environment conducive to the highest caliber of dance training, practice, and scholarship. The mission of the Florida State University Department 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 department’s mission is to serve as a regional repertory center for the reconstruction and production of dance masterworks and the creation of original repertory. The program’s facilities include spacious studios and The Nancy Smith Fichter Dance Theatre. The recently established Maggie Allesee National Center for Choreography, a dance and choreographic research center affiliated with the Department of Dance, hosts numerous internationally recognized dance artists.

In addition to the dance major degree program, the department offers some liberal studies course work and elective course work for the general University student. The department also offers work leading to the Master of Fine Arts (MFA) degree in dance and a Master of Arts (MA) degree in dance with a major in studio and related studies, as well as a Master of Arts (MA) degree in American dance studies. Interested students should consult the Graduate Bulletin for details.

The Florida State University Department of Dance is an accredited institutional member of the National Association of Schools of Dance.

Audition and Screening

All undergraduate students who wish to major in dance must audition for admission into the dance major program. Auditions are held at designated periods throughout the year.

Assessment of every dance major occurs at various times throughout each year to evaluate the student’s progress in the major program. Such assessment is part of a continuous advisement and monitoring procedure. A probationary period may be established if a student is having difficulty and needs special attention. A student who cannot meet the departmental proficiency standards will be discontinued from the dance major program.

Placement and Proficiency

Intrinsic to the development of a dancer is the technical command of the instrument and the expansion of the vocabulary of movement; therefore, dance majors are continually assessed during their curricular experiences in order to be placed at the correct level of studio work in dance technique. All students are assigned to the appropriate placement level in ballet and contemporary dance upon entrance into the program and must maintain continuous participation in ballet and contemporary dance technique classes throughout enrollment in the curriculum. Students who demonstrate the skill necessary for the next level of work upon completion of a studio technique course will be permitted to enroll at the next level. If not, they will be expected to continue in designated courses at their level of technique until they are ready to advance. To meet graduation requirements, the student must achieve and maintain the ballet III level and the contemporary dance II level or the contemporary dance III level and the ballet II level; the advanced proficiency level (III) must be achieved by one semester prior to graduation.

Performance

The dance major is required to participate in a minimum of four performing experiences sponsored by the department.

Florida Teacher Certification in Dance

A program will be designed for the BFA-degree-seeking student who wishes K–12 teacher certification in dance. Additional hours beyond the one hundred twenty-eight 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 DAA 4141.

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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 (24) semester hours from the following thirty (30) semester hours will be accepted toward the major:

1. DAN X610 (3) or DAN X600 (3)
2. DAN X611 (3) or DAN X601 (3)
3. DAA X610 (2)
4. DAA X611 (2)
5. DAA X680 (2) and DAA X681 (2), or any lower level repertory courses in the 400–499 series up to four (4) credit hours
6. DAA X200-209: up to eight (8) credit hours of any lower level ballet technique courses
7. DAA X100-109: up to eight (8) credit hours of any lower level modern technique courses

Note: Although credit toward the major will be given for these, placement in upper level technique classes will continue to be based on individual student proficiency.

Minimum Requirements for the BFA in Dance

1. Dance Technique. Thirty 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 any 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 1680r, 2681r, 3684r, or 4685r); DAE 3384; DAN 2100, 2500, 2610, 3144, 3145, 3146, 3400, 3504, 3584r, 3714, 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 course work to dance curricular requirements is assessed and determined by the Department of Dance. A transfer student need not earn the maximum semester hours in dance technique but must fulfill the curricular requirement of maintaining continuous participation in ballet and contemporary dance throughout enrollment in the curriculum and must achieve and maintain the required technical proficiency levels.

Undergraduate dance majors need not earn the maximum semester hours in dance technique if they are able to complete successfully all other University and departmental course requirements for graduation and if they have achieved the required technical proficiency levels prior to accumulation of the maximum hours in technique.

Honors in the Major

The Department of Dance offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research or creative work. For requirements and other information, see the "University Honors Office and Honor Societies" chapter of this General Bulletin.

Definition of Prefixes

DAA — Dance, Emphasis on Activity
DAE — Dance Education
DAN — Dance

Undergraduate Courses

DAN 490r. Honors Study in Dance (1–6). Admission to honors in dance program required. Written thesis for creative or academic research done as part of the honors in dance program. May be repeated to a maximum of nine (9) semester hours.

DAN 493r. Special Topics in Dance (1–3). Prerequisites: Vary depending on topic. Topics may vary from term to term. May be repeated to a maximum of twelve (12) semester hours.

Dance Technique

The following courses offer a progression of study to develop technical and performance skills, as well as concepts in dance.

Ballet

DAA 1200r. Beginning Ballet I—Nonmajors (2). Each course may be repeated to a maximum of six (6) semester hours.

DAA 1201r. Beginning Ballet II—Nonmajors (2). Faculty placement or instructor permission required. Each course may be repeated to a maximum of six (6) semester hours.

DAA 1202r. Beginning Ballet III—Nonmajors (2). Faculty placement or instructor permission required. Each course may be repeated to a maximum of six (6) semester hours.

DAA 2203r. Intermediate Ballet—Nonmajors (2). Faculty placement or instructor permission required. May be repeated to a maximum of twelve (12) semester hours.

DAA 3209r. Contemporary Dance II (1–3). Majors only. Faculty placement or instructor permission required. May be repeated to a maximum of twelve (12) semester hours.

DAA 4109r. Contemporary Dance III (1–3). Majors only. Faculty placement or instructor permission required. May be repeated to a maximum of twelve (12) semester hours.

Jazz

DAA 1500r. Jazz Dance I—Nonmajors (2). Prerequisite: Instructor permission. This practical studio course introduces Jazz Dance as an art form while developing the basic skills and vocabulary of Jazz Dance. It is intended for non-dance majors only. May be repeated to a maximum of twelve (12) semester hours.

DAA 1501r. Jazz Dance II—Nonmajors (2). Prerequisite: Instructor permission. This practical studio course explores Jazz Dance as an art form while developing the more advanced skills and vocabulary of Jazz Dance. For non-dance majors only. May be repeated to a maximum of twelve (12) semester hours.

Aspects of Dance Performance

DAA 1600r. Dance Ensemble I. (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

DAA 2681r. Special Dance Performance I. (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

DAA 364r. Dance Ensemble I. (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

DAA 365r. Dance Performance I–II. Majors only. Preparation and public performance of selected roles in dance repertoire. Official casting and faculty approval required. May be repeated to a maximum of sixteen (16) semester hours.

DAA 466r. Dance Ensemble I. (S/U grade only.) Experience in dance ensemble and performance work. Official casting and faculty approval required. May be repeated to a maximum of three (3) semester hours.

Dance Composition and Repertory

DAA 2610–2611. Dance Composition [two (2) hours each]. Majors only. Prerequisite: DAN 2610. Exploration of basic rhythmic, spatial, and dynamic materials in the designing of dance movements; improvisation and exploration of various ideological and aesthetic sources.

DAA 360r. Dance Composition I. Prerequisite: DAN 2611. Study of choreographic forms and structures, musical forms, extended temporal and dynamic studies, components of dramatic and stylistic forms, use of dance technology compositionally.

DAA 364r. Choreography—Repertory (2). The study and practice of selected works of dance repertory. May be repeated to a maximum of sixteen (16) semester hours. Instructor permission required.

Rhythmic and Musical Theory


DAN 2611. Music and Choreography (3). Prerequisite: DAN 2610. Analysis of various elements of music with relationship to dance performance and/or choreography.

Notation and Movement Analysis

DAN 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 through emphasis on movement observation, writing and reading skills, and creative use of concepts.

DAN 344r. Labanotation (5). Prerequisite: DAN 2610. Beginning through intermediate skills are introduced and developed. Theoretical materials in labanotation are examined with emphasis on writing and developing reading skills.

DAN 3714. Dance Kinesiology (3). The study of movement theories and body alignment for the technical aspects of dance performance.

DAN 374r. Dance Conditioning (2). Studio laboratory for concepts in movement theory and body alignment. May be repeated to a maximum of four (4) semester hours.

Dance Production

DAN 2500r. Introduction to Design I. This course examines the basic vocabulary, understanding, and appreciation of the design process in dance production. May be repeated to a maximum of two (2) semester hours.

DAN 3504. Dance Production (2). Study of technical aspects of production. Instructor permission required.

DAN 358r. Dance Theatre Laboratory I. Assigned problems in connection with current dance theatre production. May be repeated to a maximum of four (4) semester hours.
DAN 4418r. Survey of Dance Technologies (3). This course provides training and aesthetic guidance for dance artists through the generation of computer-assisted imagery. It sets a foundation for future work in the areas of dance documentation, preservation, creation, promotion, and multimedia performance. May be repeated a maximum of six (6) semester hours.

DAN 4484. Documentation Techniques (3). Prerequisite: DAN 4418. This course instructs students in capturing the art of motion, combining hands-on experience with reading, discussion, and critique to develop technical skills and aesthetic awareness related to the documentation of concert dance.

History and Theory of Dance

DAN 2100. Introduction to History and Appreciation of Dance (3). A survey of the development of dance in human culture with emphasis on dance as an art form. The major periods of dance history, choreographic masterworks, and artists in choreography and performance will be explored through readings, discussion, media presentation, live performances, and movement laboratories. No prior dance experience is required.

DAN 3144, 3145, 3146. History and Philosophy of Dance (three (3) hours each). 3144—Origins and development of dance; ritual and social components of dance; dance in early cultures. 3145—Evolution of dance as a theatrical art form; ballet history. 3146—Dance in contemporary times.

DAN 3185. African-American Dance in American Culture (3). Using African-American dance as a central focus, this course examines how cultural and artistic expressions can both integrate and divide different groups of people along lines of race and class.

DAN 4182. Dancing in the Movies (3). This course traces the evolution of dance in the American popular film industry. Emphasis will be placed on how movies encapsulate popular stereotypes and icons, revealing the roles of gender, race, fashion, economic and political forces.

DAN 4183. History of African-American Social Dance of the Twentieth Century (3). The class traces the major African-American social styles of the twentieth century. These dance styles are examined in a context that facilitates understanding their relationship to the culture(s) and events that produced and influenced them.

Pedagogy

DAE 3384. Methods and Materials in Dance Education (3). The study of the principles of learning and how they inform the processes of designing lessons and teaching dance. Includes a 5-week teaching practicum in local schools in addition to coursework on campus.

Other Courses

DAN 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

DAN 4910r. Dance Internship (1–6). (S/U grade only). Supervised internship to provide students with professional experience in their field. Design of the internship is developed by the student and intern host in consultation with the academic advisor. May be repeated in the same semester with instructor permission to a maximum of twelve (12) semester hours.

Graduate Courses

DAA 5118r. Contemporary Dance (1–3).
DAA 5218r. Ballet (1–3).
DAA 5618. Choreography (3).
DAA 5648r. Choreographic Project (2–6). (S/U grade only.)
DAA 5688r. Dance Ensemble (1). (S/U grade only.)
DAA 5698r. Dance Performance (1–2).
DAA 5950r. New York City: Arts and Resources as the Art Event (3).
DAE 5387. Dance History Pedagogy (3).
DAE 5940. Supervised Teaching (2). (S/U grade only.)
DAN 5126r. Current Issues in Dance History, Theory, and Research (1–3).
DAN 5128. Theory of Dance (3).
DAN 5147. History of American Dance 1492–1892 (3).
DAN 5158. Theory of Dance Performance and Directing (3).
DAN 5190. Theory and Practice in Dance Technique (3).
DAN 5191r. Seminar Studies in Dance History and Research (3).
DAN 5193. History of African-American Social Dance of the Twentieth Century (3).
DAN 5194. Dancing in the Movies (3).
DAN 5486. Documentation Techniques (3).
DAN 5508. Visual Design for Choreography (3).
DAN 5905r. Directed Individual Study (2–3).
DAN 5910. Supervised Research (2). (S/U grade only.)
DAN 5930r. Special Topics in Dance (1–3).
DAN 5940r. Dance Internship (1–12).

For listings relating to master's examinations and defense, consult the Graduate Bulletin.
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.
Department of ECONOMICS

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY


The Department of Economics offers an excellent curriculum that is as diversified as the discipline itself. The program strives to make undergraduates aware of the critical issues in economic science and policy, to provide them with a basic understanding of the tools needed to analyze those issues, and to prepare them for academic or professional opportunities beyond the baccalaureate degree. There are two undergraduate majors—the traditional “economics” major and an “applied economics” major.

The Department of Economics cooperates in the following interdivisional programs: international affairs, interdisciplinary program in social science, Asian studies, Russian and East European studies, African-American studies, demography, 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 CGS 2100 or ECO 4431. 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 (2) economics courses for six (6) credit hours
2. EDG X701

Note: General requirements for all social sciences: the State University System and the Community Colleges advise students to:
1. Complete General Education 36 hours;
2. Complete Foreign Language requirement;
3. Complete Gordon Rule requirement of 24,000 words;
4. Complete Gordon Rule requirement in math by taking 2 courses, one of which must be pure math.

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://academic-guide.fsu.edu for more information.

Students are expected to complete the principles sequence (ECO 2013, 2023) before declaring economics or applied economics as a major. The courses may be taken in either order. The department allows students to take the courses in the same semester, but neither recommends nor encourages it.

Majors

Majors in economics or applied economics must take at least six semester hours of economics each term until the requirements for the major have been completed. Majors must also complete two of the three required core courses in economic theory by the end of the second term in the major, and the third core course must be completed by the end of the third term as a major. Failure to meet either of these conditions may result in students being dropped from the economics program, in which case such students will have to be accepted in another major before they can register again for classes.

An overall grade of “C” (2.0) average in economics and supporting courses is required of majors. Majors will not receive credit toward the major requirements for economics courses in which a grade of less than “C–” has been received. A minimum of fifteen semester hours in economics, including all core courses, must be taken at Florida State University.

A student majoring in economics or applied economics must complete the major requirements specified by a supporting academic department. The selection of a supporting department is subject to the approval of the undergraduate director. Students in the applied major may complete a minor in business with only an additional six semester hours of College of Business courses.

Undergraduate students who intend to major in economics should take ECO 2013, 2023, and the supporting courses before completing liberal studies. Students not completing these requirements in lower division who wish to major in economics must complete all the requirements no later than the end of the junior year.

Major in Economics

Beyond ECO 2013 and ECO 2023, the economics major requires ECO 4101, 4203, 4421, and an additional fifteen semester hours of upper-division economics electives, including six semester hours in one economics specialty area. Majors will also complete the supporting courses: STA 2023, 2122 or 4321 (choose one); and MAC 1105, pre-calculus or calculus (choose one). Calculus is recommended especially for students contemplating graduate study.

Major in Applied Economics

In addition to ECO 2013 and ECO 2023, the major in applied economics requires ECO 3104, 3223, and 4431; twelve additional semester hours of upper-division economics courses; and the supporting courses AGC 2021; AGC 2071 or FIN 3403; MAC 1105, pre-calculus or calculus (choose one); and STA 2023, 2122, 4321 (choose one). Pre-calculus algebra (MAC 1140) is recommended. Students in applied economics are encouraged to earn three to six semester hours of credit through the department’s internship program, which requires simultaneous registration in ECO 4944r and ECO 4922r; arrangements and approval must be obtained before the semester in which they are to be taken.

Degrees/Certificates

Majors in economics may be awarded either the Bachelor of Science (BS) or the Bachelor of Arts (BA) degree upon completion of all University requirements for those degrees.

An economics department certification of subject area concentration will be given upon request to economics majors.

Honors in the Major

Honors-only sections of ECO 2013 and ECO 2023 are offered each Fall and Spring for lower-division Honors students. The Department of Economics offers honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Minor in Economics

A minor requires fifteen semester hours in departmental courses, including ECO 2013 and 2023, with a grade of “C” or better and at least one course selected from ECO 3104, 3223, 4101, 4203, 4421, or 4431. Students will not receive credit toward the minor for courses in which a grade less than “C–” has been received.
Economics minors must have at least a “C” (2.0) grade point average in their economics course work. ECO 2000 will not count toward the minor. No more than six semester hours of transfer credit will be accepted toward the minor.

**Definition of Prefixes**

**ECO**—Economics  
**ECP**—Economic Problems and Policy  
**ECG**—Economic Systems and Development

---

**Undergraduate Courses**

**ECO 2000.** Introduction to Economics (3). A survey of the discipline for people taking only one economics course. Historical perspective and major principles of theory are presented. Not open to students who have had or who must have ECO 2013 and 2023. Not applicable to the economics major or the economics minor.

**ECO 2013.** Principles of Microeconomics (3). Aggregate economics and national income determination, money and monetary theory, present macroeconomic conditions, and aggregative policy alternatives; theory of international trade and the balance of payments, economic development.

**ECO 2023.** Principles of Microeconomics (3). The course covers consumption, production, and resource allocation, and resource allocation considered from a private and social point of view; microeconomic problems and policy alternatives; economics of inequality and poverty; and comparative economic systems.

**ECO 2004.** Debating Economic Issues (3). Prerequisites: ECO 2013 and ECO 2023. Economic analysis and policy debates. 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, and STA 2122, or STA 4321. Applications of microeconomic theory for business and policy analysis. Topics include the theory of the firm, valuation techniques in the absence of market prices, empirical research with accounting, financial and administrative data, theory of supply and business strategy, cost-benefit methods.

**ECO 3223.** Financial Markets, the Banking System, and Monetary Policy (3). Prerequisites: ECO 2013 and ECO 2023. The functions of money, bank creation of deposits, and credit; Federal Reserve control of money supply; and monetary theory and policy questions.

**ECO 3303.** History of Economic Ideas (3). Prerequisite: Any 2000-level ECO course. The evolution of economic ideas from ancient Greece to the modern period emphasizing the relationship between developments in economic analysis and cultural/technological changes. Critique of modern economic theory in terms of its sources and logical content.

**ECO 3622.** Growth of the American Economy (3). Prerequisites: ECO 2013 and ECO 2023. Factors in the development of economic forces, resources, 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 code is used for special topics of current interest or to benefit from the specializations of visiting faculty. May be repeated to a maximum of six (6) semester hours. May be repeated within the same semester.

**ECO 4101.** Intermediate Microeconomic Theory (3). Prerequisites: ECO 2013 and ECO 2023. The supply, demand, cost of production, theory of the firm, factor price determination, and other microeconomic resource allocation questions.

**ECO 4203.** Intermediate Macroeconomic Theory (3). Prerequisites: ECO 2013 and ECO 2023. The basic model of income determination is built emphasizing the roles of real and monetary sectors of the economy. Results of empirical work are surveyed.

**ECO 4224.** Issues in Money and Banking (3). Prerequisites: ECO 2013, ECO 2023, and STA 2122. The role of monetary policy in various macroeconomic theories is emphasized. Focus on controversy over the effects of 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 between countries. Topics cover what drives the sustained growth in the standard of living in poor countries and rich developed countries, how less developed countries might catch up with the developed countries, and what 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 of a nation can be improved.

**ECO 4400.** Games and Decisions (3). Prerequisite: ECO 2023; ECO 4101 recommended. A non-technical introduction to strategic decision-making. Focuses on situational decision-making and on decision-making under conditions of uncertainty and ignorance. Applications game theory and decision theory to such topics as bargaining and negotiations, competition, and voting.

**ECO 4401.** Introduction to Mathematical Economics (3). Prerequisites: ECO 2013, ECO 2023, and college calculus. Uses mathematical techniques such as probability, matrix algebra, and calculus to better understand fundamental principles of economics. Applies these techniques to policy analysis.

**ECO 4421.** Introduction to Econometrics (3). Prerequisites: ECO 2013, ECO 2023, and STA 2122, or STA 4321. This course introduces statistical inference, estimation theory, model building, and forecasting methods. Emphasis is on model building and policy analysis. Extensive use is made of PC econometric software.

**ECO 4431.** Introduction to Economic Forecasting (3). Prerequisites: ECO 2013, ECO 2023, and STA 2123, or STA 4321. Provides a hands-on survey of forecasting methods used in business and economics. Students work extensively with computer-based statistical software to solve actual cases encountered in the business world.

**ECO 4455.** Experimental Economics (3). Prerequisites: ECO 2013 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 experimentation is applied to economics. The course is presented with traditional lecture format and hands-on participation in different experimental economic formats.

**ECO 4504.** Public Sector Economics (3). Prerequisite: ECO 2023. The logic of collective actions, principles of government expenditures, theory and practice in taxation, shifting and incidence of taxes.

**ECO 4532.** Economic Analysis of Politics (3). Prerequisite: ECO 2023 or instructor permission. Economic models are used 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. State and local revenues, expenditures, and borrowing; intergovernmental relationships.

**ECO 4704.** International Trade (3). Prerequisites: ECO 2013 and ECO 2023; ECO 4101 recommended. Theory of international trade, the gains from trade, tariffs and other trade restrictions, cartel.

**ECO 4713.** International Finance (3). Prerequisites: ECO 2013 and ECO 2023; ECO 2232 or ECO 4203 recommended. Balance of payments; disequilibrium and adjustments; birth, evolution, and demise of the Bretton Woods System; the managed float; international monetary and capital flows; multinational corporations.

**ECO 4905r.** Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

**ECO 4922r.** Professional Development in Economics (1–3). Prerequisite: permission of instructor. Corequisite: ECO 4944r. Covers issues that economics students encounter in the workplace: ethics, presentation skills, data gathering and analysis. These topics, as well as research design and study design discussion, are discussed in seminar.

**ECO 4933r.** Senior Tutorial in Economics (1–3). (S/U grade only.) Prerequisite: Senior economics major or minor; or instructor’s permission. This course will cover selected topics in economics. Maximum enrollment of five (5) students in each tutorial. Repeatable one time to a maximum of six (6) semester hours.

**ECO 4934r.** Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

**ECO 4944r.** Field Study in Economics (1–4). Prerequisite: Instructor permission. Corequisite: ECO 4922. Students receive credit toward the economics major for applied and practical experience working in a variety of organizations such as state agencies, banks, and finance departments. May be repeated to a maximum of four (4) semester hours.

**ECO 5113.** Economics of Population (3). Prerequisites: ECO 2013, 2023. Determinants and consequences of world population growth and changes, components of population growth in more- and less-developed countries, population and food supply/nonrenewable resource interrelationships.

**ECO 5143.** Afro-Americans in the American Political Economy (3). Prerequisites: ECO 2013, 2023. Examines the market, institutional, governmental, and social processes that have contributed to the economic well-being of African-Americans. Also covers theoretical material related to wage determination, labor market discrimination, and marriage and transitions in family structure, as well as interaction between race and class as determinants of the labor force.

**ECO 5203.** Labor Economics (3). Prerequisite: ECO 2023 or instructor’s approval. Theoretical and empirical examination of wage determination, income maintenance programs, labor force, employment, unemployment, functioning of labor markets, and manpower programs.


**ECO 5340.** Business Organization and Market Structure (3). Prerequisite: ECO 2023. An introduction to the economic analysis of industry, a survey of market structures, oligopoly in industrial markets, alternative legal forms of business organization, the welfare consequences and policy approaches to the problems of monopoly.

**ECO 5341.** Economics and the Law (3). Prerequisite: ECO 2000 or 2023. The 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.

**ECO 5350.** Economics of Health (3). Prerequisites: ECO 2013, 2023. The course provides an overall view of the U.S. health care system, focusing on the following topics: demand for medical care, health insurance, hospitals, physician services discussed. Recent 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).

**ECO 5406.** Economics of Sports (3). Prerequisites: ECO 2013, 2023. This course presents economic analysis of sports and entertainment. Focus is on industrial organization of the sports market, public finance and sports, sports labor market, and college and non-profit sports. Similar issues related to entertainment and artistic industries may also be covered.

**ECO 5416.** Economics of Aging (3). Prerequisites: ECO 2013, 2023. This course considers the factors that cause populations to become older and systematically analyzes the economic consequences of this aging. Topics considered include Social Security and health care financing.
ECP 4413. Government Regulation of Business (3). Prerequisite: ECO 2023. An introduction to the economic analysis of antitrust law and regulation. Topics include price fixing, monopolization, predatory pricing, exclusive dealing, tie-ins, price discrimination, mergers, antitrust enforcement policies, and case studies in economic regulation.


ECS 3600. Economics of Native Americans (3). Prerequisites: ECO 2013, 2023. This course examines and challenges the traditional view that the economic systems of Native Americans before Europeans arrived were communal. The historical evolution of Native economies is considered in light of the evolving relationships (both conflict and cooperation) between Europeans and Natives. Finally, the economic conditions of modern Native American communities are examined.

ECS 4013. Economics of Development (3). Prerequisites: ECO 2013, 2023. Economic development as a process, description and analysis, alternative overall theories of development; particular problems and policy responses to them; strategic choices in development policy. Main focus on third world economies.

ECS 4333. Transition of Soviet and Eastern European Economies (3). Prerequisites: ECO 2013, 2023. This course provides a detailed introduction to the analysis of economic development of Caribbean countries, including a discussion of the basic characteristics of Caribbean economies, a discussion of alternative theories and models of development, as well as a range of particular economic and social issues of concern to policy makers within Caribbean countries. Focus is on the actions available to Caribbean nations for addressing their development concerns within their region and/or country.

ECS 4504. Economics of the Middle East (3). This course provides an overview of the economic issues facing the region known as the Middle East and North Africa (MENA). The course discusses the economic history of the region and reviews events and policies bringing MENA nations to their current position, and examines their prospects for future economic growth.

Graduate Courses

ECO 5005. Economic Principles for International Affairs (3).
ECO 5111. Intermediate Microeconomic Theory (3).
ECO 5114. Applied Microeconomics I (3).
ECO 5116. Imperfect Competition, Factor Markets, and Income Distribution (3).
ECO 5117. Applied Microeconomics II (3).
ECO 5204. Macroeconomic Theory I (3).
ECO 5205. Money and National Income Determination (3).
ECO 5206. Macroeconomic Theory, Practice, and Policy (3).
ECO 5207. Macroeconomic Theory II (3).
ECO 5208. Global Macroeconomics (3).
ECO 5226. Issues in Money and Banking (3).
ECO 5281. Financial Economics I (3).
ECO 5282. Financial Economics II (3).
ECO 5305. History of Economic Thought (3).
ECO 5403. Static Optimization in Economics (3).
ECO 5405. Introduction to Mathematical Economics (3).
ECO 5408. Computational Economics I (3).
ECO 5416. Econometrics I (3).
ECO 5417. SAS Programming (3).
ECO 5420. Basic Applied Econometrics (3).
ECO 5423. Econometrics II (3).
ECO 5424. Econometric Methods for Panel Data (3).
ECO 5427. Limited Dependent Variable Models (3).
ECO 5428. Time Series Analysis (3).
ECO 5434. Economic Forecasting (3).
ECO 5505. Public Economics (3).
ECO 5533. Public Choice (3).
ECO 5706. Seminar in International Trade Theory and Policy (3).
ECO 5707. International Trade (3).
ECO 5715. International Finance (3).
ECO 5906r. Directed Individual Study (3). (S/U grade only.)
ECO 5907r. Directed Individual Study (3).
ECO 5914. Supervised Research (1–5). (S/U grade only.)
ECO 5922r. Professional Development for Economists (0–2).
ECO 5932r. Graduate Tutorial in Economics (1–3).
ECO 5935r. Seminar in Political Economy (1–3).
ECO 5936r. Special Topics (1–3).
ECO 5940r. Supervised Teaching (1–5). (S/U grade only.)
ECO 5972. Extended Master’s Paper (3). (S/U grade only.)
ECO 5973r. Applied Master’s Project (3).
ECO 6209. Topics in Macroeconomics (3).
ECO 6936. Topics in Microeconomics (3).
ECO 6938r. Doctoral Workshop (0–3). (S/U grade only.)
ECO 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).
ECP 5405. Industrial Organization (3).
ECP 5415. Social Control of Business (3).
ECP 5536. Seminar in Health Economics (3).
ECP 5606. Urban and Regional Economics (3).
ECS 5005. Seminar in Comparative Economics Systems (3).
ECS 5335. Economies in Transition (3).

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

EDUCATIONAL ADMINISTRATION/LEADERSHIP: see Educational Leadership and Policy Studies
Department of EDUCATIONAL LEADERSHIP AND POLICY STUDIES

College of Education

Chair: Jeffrey A. Milligan; Professors: Beckham, Irvin, Kunkel, Milton, Wetherell; Associate Professors: Bower, Cohen-Vogel, Dalton, Easton, Hu, Lang, Iatrola, Milligan, Schrader, Schwartz, Wicker; Assistant Professors: Kolbe, Luchscher, McMahon, Rutledge; Faculty Emeriti: Bender, Funk, Grant, Hinely, Jahns, Kannwischer, Lick, Mann, Schroeder, Snyder, Stakenas, Thomas, Wagaman, Wallat

The Department of Educational Leadership and Policy Studies provides preparation for a wide variety of professional careers in educational administration, foundations of education, educational policy, higher education, and program evaluation. The Master's, Specialist in Education, and Doctoral degrees are offered. Although the department does not offer any undergraduate degree programs, several courses are offered at this level for persons engaged in programs of professional education. The department offers a non-degree seeking modified program for professionals who wish to be eligible for Educational Leadership level 1 certification in the State of Florida. For information on graduate programs, consult the Graduate Bulletin.

In addition, the department offers six certificates ranging from college teaching, educational policy, institutional research, program evaluation, leadership studies, and the modified program for educational leadership, available to special students as well as degree seeking students.

The following majors and certificates are offered by the Department of Educational Leadership and Policy Studies:

Educational Leadership/Administration
Educational Policy and Evaluation
Higher Education
Institutional Research
Social, Historical and Philosophical Foundations of Education
Sociocultural/International Development Education Studies

College Teaching, Graduate Certificate in
Educational Policy, Graduate Certificate in
Institutional Research, Graduate Certificate in
Program Evaluation, Graduate Certificate in
Leadership Studies, Undergraduate Certificate in
Modified Program for Educational Leadership

State Certification Courses

The following social foundations of education courses are offered by the Educational Leadership and Policy Studies department: EDA 4060; EDF 4604, 5517, 5543, 5548, 5551, 5612, 5630, 5710r.

Definition of Prefixes

ADE—Adult Education
CGS—Computer General Studies
EDA—Education: Administration
EDF—Education: Foundations and Policy Studies
EDG—Education: General
EDH—Education: Higher
EME—Education: Technology and Media
EVT—Education: Vocational/Technical
SDS—Student Development Services

Undergraduate Courses

ADE 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
ADE 4930r. Special Topics in Adult and Community Education (3). Introduces varying topics related to the nature and methods of adult and community education. May be repeated for a maximum of twelve (12) semester hours.
ADE 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
EDF 1005. Introduction to Education (3). This course offers students a broad view of education from historical, cultural, psychological, political, social, and philosophical perspectives. Includes lectures, discussions, and field experience.
EDF 2073. Diversity in and out of School: Multicultural Policies and Practices (3). The concept of multiculturalism is central to understanding the development of educational policies and practices in the twentieth century. This course provides a broad survey of the ways in which this concept helps to describe and explain current programs both in and out of school and in the university settings. Meets University multicultural requirements.
EDF 2082. Schooling and Development in Third World Societies (3). This course provides a basic overview of schooling and development in Asia, Africa, and Latin America. While journeying through different countries, school systems, and cultures, this course also focuses on the Third World inside the United States.
EDF 4906r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.
EDH 3949r. Cooperative Education Work Experience (0). (S/U grade only.)
EDV 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

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 5944r. Supervised Teaching (1–4). (S/U grade only.)
ADE 6920r. Adult Education Colloquium (1). (S/U grade only.)
CGS 5310. Technology and Communication in Schools (3).
EDA 5051. Introduction to Leadership Development (3).
EDA 5109. Educational Management Development (3).
EDA 5192. Educational Leadership (3).
EDA 5218. Application of Leadership Theory (3).
EDA 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).
EDA 5288. The Politics of Education (3).
EDA 5422. Applied Data Analysis and Assessment for Educational Leaders (3).
EDA 5423. Decision-Oriented Educational Research (3).
EDA 5501. The Assistant Principalship (3).
EDA 5503. The Principalship (3).
EDA 5504. Instructional Leadership (3).
EDA 5569. State Education Policy (3).
EDA 5906r. Directed Individual Study (1–3). (S/U grade only.)
EDA 5910r. Supervised Research (1–4). (S/U grade only.)
EDA 5931r. Special Topics in Educational Administration (1–3).
EDA 5941r. Supervised Teaching (1–4). (S/U grade only.)
EDA 5945. Practicum in Educational Leadership I (1).
EDA 5946. Practicum in Educational Leadership II (1).
EDA 6101. Organizational Theory (3).
EDA 6102. Perspectives on Leadership Theory (3).
EDA 6183. Leading Learning (3).
EDA 6207. Leadership for School Renewal (3).
EDA 6930r. Departmental Seminar and Research Projects (1–3). (S/U grade only.)
EDA 6940r. Internship in Educational Administration (3). (S/U grade only.)
EDF 5089. Black and Latino Education: History and Policy (3).
EDF 5488. Computer Analysis of Educational Data (2).
EDF 5517. History of Education in the United States (3).
EDF 5519. History of Higher Education (3).
EDF 5543. Introduction to Philosophy of Education (3).
EDF 5548. Philosophy of Teaching and Learning (3).
EDF 5551. Social Philosophies and Education (3).
EDF 5612. Education and Culture (3).
EDF 5624. Economics of Education (3).
EDF 5625. Education and Economic Development (3).
EDF 5626. Economic Evaluation of Education Programs (3).
EDF 5630. Sociology of Education (3).
EDF 5631. Education and Equality (3).
EDF 5641. Introduction to Policy Studies in Education (3).
EDF 5651. Case Studies in Educational Policy (3).
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 5652</td>
<td>Policy Development in Education (3).</td>
</tr>
<tr>
<td>EDF 5661</td>
<td>The Language of Education Policy (3).</td>
</tr>
<tr>
<td>EDF 5675</td>
<td>Policy to Practice: District, School, and Classroom Policy Implementation (3).</td>
</tr>
<tr>
<td>EDF 5706</td>
<td>Gender and Education in Comparative Perspective (3).</td>
</tr>
<tr>
<td>EDF 5710r</td>
<td>Contemporary Readings in American Education (3).</td>
</tr>
<tr>
<td>EDF 5763</td>
<td>The Educational Consultant: Fieldwork Techniques (3).</td>
</tr>
<tr>
<td>EDF 5815r</td>
<td>Comparative Studies in Education (2–5).</td>
</tr>
<tr>
<td>EDF 5850</td>
<td>International Development Education (3).</td>
</tr>
<tr>
<td>EDF 5853</td>
<td>Comparative Education Policy in Developing Countries (3).</td>
</tr>
<tr>
<td>EDF 5890</td>
<td>Sociology of Nontraditional Approaches and Innovation in Education and Development (3).</td>
</tr>
<tr>
<td>EDF 5895r</td>
<td>Comparative Studies in Education (2–5).</td>
</tr>
<tr>
<td>EDF 5896</td>
<td>Education and Political Development (3).</td>
</tr>
<tr>
<td>EDF 5897</td>
<td>Sociology of Education and Development (3).</td>
</tr>
<tr>
<td>EDF 5907r</td>
<td>Directed Individual Study (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>EDF 5911r</td>
<td>Supervised Research (1–4). (S/U grade only.)</td>
</tr>
<tr>
<td>EDF 5935r</td>
<td>Special Topics in Foundations of Education (1–3).</td>
</tr>
<tr>
<td>EDF 5943r</td>
<td>Supervised Teaching (1–4). (S/U grade only.)</td>
</tr>
<tr>
<td>EDF 6449</td>
<td>Survey Research Methods (3).</td>
</tr>
<tr>
<td>EDF 6475</td>
<td>Qualitative Methods in Educational Research (3).</td>
</tr>
<tr>
<td>EDF 6479</td>
<td>Qualitative Data Analysis (3).</td>
</tr>
<tr>
<td>EDF 6547</td>
<td>Philosophical Foundations of Education Research (3).</td>
</tr>
<tr>
<td>EDF 6558</td>
<td>Seminar on John Dewey’s Educational Philosophy (3).</td>
</tr>
<tr>
<td>EDF 6629r</td>
<td>Advanced Seminar: Selected Topics in Education and Economic Development (3).</td>
</tr>
<tr>
<td>EDF 6648</td>
<td>Policy Analysis in Education (3).</td>
</tr>
<tr>
<td>EDF 6653</td>
<td>Planning Education for Socioeconomic Change (3).</td>
</tr>
<tr>
<td>EDF 6945r</td>
<td>Internship in Educational Policy (1–9). (S/U grade only.)</td>
</tr>
<tr>
<td>EDF 6950</td>
<td>Curriculum and Instruction (3).</td>
</tr>
<tr>
<td>EDF 7254</td>
<td>Advanced Associate Teaching (3). (S/U grade only.)</td>
</tr>
<tr>
<td>EDF 5041</td>
<td>International Interventions (3).</td>
</tr>
<tr>
<td>EDF 5942</td>
<td>Student Success in College (3).</td>
</tr>
<tr>
<td>EDF 5945</td>
<td>Student Development Theories for College Student Personnel Work (3).</td>
</tr>
<tr>
<td>EDF 5950</td>
<td>Seminar in Graduate Inquiry Resources (2).</td>
</tr>
<tr>
<td>EDF 5951</td>
<td>Higher Education in America: Basic Understandings (3).</td>
</tr>
<tr>
<td>EDF 5954</td>
<td>The American Community College: History and Development (3).</td>
</tr>
</tbody>
</table>

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the *Graduate Bulletin*. 
Department of
EDUCATIONAL PSYCHOLOGY AND LEARNING SYSTEMS

COLLEGE OF EDUCATION

Chair: Akihito Kamata; Professors: Becker, Driscoll, Eklund, Keller, Oosterhof, Peterson, Pfeiffer, Prevatt, Reardon, Reiser, Sampson, Seel, Spector, Tenenbaum, Wager; Associate Professors: Baylor, Darabi, Dennenn, Jeong, Kamata, Losh, Proctor; Shute; Assistant Professors: Chin, Eccles, Lampropoulos, Olina, Roehrig, Turner; Professors Emeriti: Branson, Kaufman, Morgan, Fargman

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, 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

- **Instructional Systems**
  - Instructional Systems M,D
  - Open and Distance Learning M
  - Performance Improvement and Human Resource Development M
  - Measurement & Statistics M,S,D

- **Counseling & Human Systems**
  - Career Counseling M,S
  - Mental Health Counseling M,S
  - School Psychology S

- **Counseling Psychology & Human Systems**
  - Combined Program in Counseling Psychology & School Psychology D
  - 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
- **EME**—Education: Technology and Media
- **MHS**—Mental Health Services
- **PCO**—Psychology for Counseling
- **PET**—Physical Education Theory
- **PSB**—Psychobiology
- **SDS**—Student Development Services
- **SLS**—Student Life Skills (Learning)
- **SPS**—School Psychology
- **SYC**—Social Processes

**Undergraduate Courses**

- **EDF 4210. Educational Psychology: Developing Learners (3).** This course is designed to introduce students to concepts of human development, learning, and motivation as foundations for the planning and implementation of classroom instruction. Students are expected to acquire and use theoretical knowledge to inform decisions about strategies for helping learners develop, learn, and achieve.

- **EDF 4430. Classroom Assessment (3).** This course prepares prospective teachers for activities related to assessing students, including establishing validity evidence, enhancing generalization of observations, using traditional and alternative assessment strategies, interpreting and using data to improve achievement, and utilizing assessment in the process of learning.

- **EDF 4440. Measurement and Evaluation in the Classroom (3).** Prepares teachers for activities in testing, grading, test construction, and the interpretation and use of test scores.

- **EDF 4905r. Directed Individual Study (1–3).** May be repeated to a maximum of twelve (12) semester hours.

- **EDG 3949r. Cooperative Education Work Experience (0).** (S/U grade only.)
- **EME 2040. Introduction to Educational Technology (3).** An introduction to the use of educational technology in teaching and learning. Students will learn to use personal computers and other technology for communication, presentations, and resource acquisition.
- **EME 3949r. Cooperative Education Work Experience (0).** (S/U grade only.)
- **EME 4044. Educational Technology Theory and Practice in Instruction (3).** Course focuses on the current theories and practices of using technology in teaching and learning. Students participate in a computer-supported collaborative learning environment and integrate technology into their practices.

- **EME 4905r. Directed Individual Study (1–3).** (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

- **PET 4214. Sport Psychology (3).** This course explores selected psychological theories and applications relevant to sport and exercise behavior.

- **SDS 3340r. Introduction to Career Development (1–3).** Principles and practices of career planning and management, including use of self-assessment, career resources, and employability skill guides. May be repeated to a maximum of three (3) semester hours.

- **SDS 4481. Communication and Human Relations (3).** Relevant dimensions of the helping relationship and the development of effective communications skills.

**Graduate Courses**

- **ADE 5080. Foundations of Adult and Continuing Education (3).**
- **ADE 5083. Human Resource Development (3).**
- **ADE 5084. Analytical Applications in Human Resource Management, Training and Development (3).**
- **ADE 5186. Program Leadership Development (3).**
- **ADE 5189. Staff Training and Development (3).**
- **ADE 5380. Processes of Community and Adult Education (3).**
- **ADE 5385. Adult Learning (3).**
- **ADE 5672. E-Learning for Managers (3).**
- **ADE 5932r. Special Topics in Adult Education (1–3).**

- **EDP 5068. Life-Span Human Development (3).**
- **EDF 5400. Basic Descriptive and Inferential Statistics Applications (4).**
- **EDF 5401. General Linear Model Applications (4).**
- **EDF 5402. Advanced Topics in Analysis of Variance Applications (3).**
- **EDF 5406. Multivariate Analysis Applications (3).**
- **EDF 5409. Causal Modeling (3).**
- **EDF 5410. Nonparametric Analysis Applications (3).**
- **EDF 5431. Classroom Assessment (3).**
- **EDF 5432. Measurement Theory I (3).**
- **EDF 5434. Measurement Theory II (3).**
- **EDF 5435. Theory of Scaling (2).**
- **EDF 5443. Measurement and Evaluation in the Classroom (3).**
- **EDF 5445. Assessment of Learning Outcomes (3).**
- **EDF 5448. Scale and Instrument Development (3).**
- **EDF 5461. Introduction to Program Evaluation (3).**
- **EDF 5462. Evaluation of New Educational Programs and Practices (3).**
- **EDF 5464. Qualitative Methods for Program Evaluation (3).**
- **EDF 5481. Methods of Educational Research (3).**
- **EDF 5906r. Directed Individual Study (1–3) (S/U grade only.)**
- **EDF 5910r. Supervised Research (1–4).** (S/U grade only.)
- **EDF 5940r. Supervised Teaching (1–4).** (S/U grade only.)
- **EDF 5942r. Field Laboratory Internship (1–8).** (S/U grade only.)
- **EDG 6933. Advanced Measurement Seminar: Decision Processes (2).**
- **EDG 6937r. Seminar in Advanced Research Problems (1–3).**
- **EDG 5932r. Seminar in Instructional Design (1).** (S/U grade only.)
- **EDG 6287. Needs Assessment for Performance and System Planning (3).**
- **EDG 6328. Alternate Views of Teaching and Learning (3).**
- **EDG 6362. Instructional Systems Research Seminar (3).**
- **EDG 6363. Practicum in Experimental Learning Research (3).**
- **EDG 6925. 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).**
- **EME 5054. Educational Technology: Theory and Practice in Instruction (3).**
EME 5405. Media, Text, and Technology (3).
EME 5477. Introduction to Distance Learning (3).
EME 5601. Introduction to Instructional Systems (3).
EME 5603. Introduction to Systematic Instructional Design (3).
EME 5604. Designing Instructor-Led Courses (3).
EME 5608. Trends and Issues in Instructional Design (3).
EME 5906. Directed Individual Study (1–3). (S/U grade only.)
EME 5975. Portfolio Review for Certificate Program in Online Instructional Development (0). (S/U grade only.)
EME 6403. Designing for Online Collaborative Learning (3).
EME 6415. Development of Computer Courseware (3).
EME 6507. Development of Multimedia Instruction (3).
EME 6631. Managing Instructional Development (3).
EME 6635. 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. 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 5801. Practicum in Counseling and Rehabilitation (4).
MHS 5860. Supervised Teaching (1–4). (S/U grade only.)
MHS 5905. Directed Individual Study (1–3).
MHS 5915. Supervised Research (1–4). (S/U grade only.)
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 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 6820. Counseling Internship (3–6). (S/U grade only.)
MHS 6938. Special Topics in Counseling Psychology (3).
MHS 6946. Field Practicum in Counseling Psychology (2–16). (S/U grade only.)
PCO 5095. Computer Applications in Counseling Psychology and Other Human Services (3).
PCO 6930. Integrative Seminar (3).
PET 5054C. Motor Skill Learning (3).
PET 5216. Sports Psychology (3).
PET 5219. Applied Sport and Exercise Psychology (3).
PET 5255. Social Bases of Physical Activity (3).
PET 5390. Measurement in Sport and Exercise Psychology (3).
PET 6217. Stress and Motor Performance (3).
PSB 5066. Biological Bases of Learning and Behavior (3).
SDS 5820. Internship (6–12). (S/U grade only.)
SPS 5055. Foundations of School Psychology (3).
SPS 5105. Social-Emotional Disorders of Children and Adolescents: Characteristics and Assessment (3).
SPS 5191. Assessment of Intelligence (4).
SPS 5192. Psychoeducational Assessment and Intervention (4).
SPS 5193. Laboratory in the Assessment of Social-Emotional Problems (2). (S/U grade only.)
SPS 5205. Consultation in the Schools (3).
SPS 5615. Counseling Children and Adolescents (3).
SPS 5945. Practicum in School Psychology (3–6). (S/U grade only.)
SPS 6948. Internship in School Psychology (3–6). (S/U grade only.)
SYP 5105. Theories of Social Psychology (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Bachelor of Science in Electrical Engineering–Program Educational Objectives

The Bachelor of Science in Electrical Engineering (BSEE) degree program prepares its graduates for a successful career in the rapidly evolving and intellectually challenging field of electrical engineering. The department requires its graduates to develop a strong understanding of the relevant mathematics, computer programming, and natural science concepts needed by practicing electrical engineers.

Graduates must demonstrate an ability to apply this knowledge in several fundamental areas of electrical engineering, including analog circuit design, digital logic design, electromagnetics, signal and linear system analysis, communications, and microprocessor-based design. They also must demonstrate successfully sufficient knowledge and the technical skills needed to complete a major design experience and to function as a member of a multi-disciplinary team.

With the addition of electrical engineering technical electives, graduates have an opportunity to prepare for advanced graduate-level training or a professional career in a variety of electrical engineering application areas including digital systems, communication systems, digital signal processing, control systems, microelectronics, power systems, or electromagnetics.

In addition, in the several years after graduation, graduates are expected to accomplish the following:
1. Participate in either the research, development or application of engineering solutions that have a positive impact on society
2. Make contributions to workforce diversity
3. Show a commitment to life-long learning and continuous self-improvement
4. Become proficient in the oral and written communication of their work and ideas.

Bachelor of Science in Computer Engineering–Program Educational Objectives

The Bachelor of Science in Computer Engineering (BSCpE) degree program prepares its graduates for a successful career in the interdisciplinary field of computer engineering. The program is built firmly on the foundation of the department’s well established BS in electrical engineering (BSEE) degree program. Consequently, graduates from the BSCpE degree program complete all of the required core coursework of BSEE majors, additional core computer engineering coursework, and a set of specialized courses offered through the department's well established BS in electrical engineering (BSEE) degree program.

Students may be admitted into the University without completing five electrical engineering application areas including digital systems, digital signal processing, computer systems, microelectronics, power systems, or electromagnetics.

Graduates from the BSCpE degree program must develop a strong understanding of relevant mathematics, programming, and physical science concepts needed by practicing computer engineers. They also must demonstrate an ability to apply this knowledge in several fundamental areas of electrical engineering (e.g., analog circuit design, electromagnetics, signal and linear system analysis, communications); computer engineering (e.g., digital logic design, microprocessor-based system design, and computer architecture); and computer science (e.g., object-oriented programming, data structures, computer algorithms, and operating systems.) Graduates also must demonstrate successfully sufficient knowledge and the technical skills needed to complete a major design experience and to function as a member of a multi-disciplinary team.

In addition, in the several years after graduation, graduates are expected to accomplish the following:
1. Participate in either the research, development, or application of engineering solutions that have a positive impact on society
2. Make contributions to workforce diversity

Program Review
The departmental faculty has established a process to periodically review and revise its two program educational objectives after obtaining feedback from its primary constituent groups. The faculty also is committed to teaching professional and ethical responsibility by example and by practice. The active sponsored research activities of the faculty ensure the program curricula remain contemporary and motivate the need for life-long learning.

Technical Electives
Technical electives provide the student an opportunity to achieve a greater breadth of knowledge and some degree of specialization in selected areas of special interest. Electives are offered in computer engineering and the following five electrical engineering application areas.

1. **Microelectronics** deals with all aspects of (primarily solid-state) electronic devices, the analysis and design of analog and digital circuits, their implementation and fabrication using microelectronic techniques, and their application in a wide variety of systems

2. **Digital signal processing and control systems** concentrate on the design and analysis of systems in which discrete and continuous signals are used for conveying information and controlling physical systems and processes. Included are the encoding, decoding, and representation of information in both the time and frequency domain

3. **Communications** is concerned with the preparation, transmission, and reception of encoded information via media ranging from wires to fiber optic cables and space. Included are topics such as AM, FM, and pulse modulation techniques; telecommunication systems; satellite telemetry; and wireless and computer networks

4. **Electromagnetics** in the broadest sense is the study of the relationship between electric current, electric and magnetic fields, and their interactions. It is the foundation of electrical and electronic technology. The practical applications of this theory include the design of antennas, transmission lines, RF, microwave and optical transmission facilities, and radar

5. **Power systems engineering** is concerned with the design and operation of electric power generation, transmission, and distribution for an increasing customer demand. It involves the modeling, analysis, and design of power system components including power transformers, electric motors, synchronous generators, and high voltage power transmission and distribution networks. Power system engineering also includes the investigation of alternative methods for generating electrical energy, the control and reliability of complex power networks, power quality, economic factors, and environmental effects.

Honors in the Major
The Department of Electrical and Computer Engineering offers a program of honors in electrical engineering to encourage talented students to extend their undergraduate experience by participating in directed or independent research on a topic relative to electrical engineering that is not included in the regular curriculum. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Computer Skills Competency
All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in electrical and computer engineering satisfy this requirement by earning a grade of “C” or higher in EEL 3705L.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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
2. ENC X102
3. MAC X311 or MAC X281 or MAC X282 or MAC X283
4. MAC X312 or MAC X281 or MAC X282 or MAC X283
5. MAC X313 or MAC X281 or MAC X282 or MAC X283
6. MAP X302
7. CHM X045/X045L or CHM X045C or CHS X440 Chemistry for engineers
8. PHY X048/X048L or PHY X048C
9. PHY X049/X049L or PHY X049C
10. XXX XXXX: six (6) credit hours in humanities courses
11. XXX XXXX: six (6) credit hours in social science courses
12. XXX XXXX: three (3) additional credit hours in humanities or social science courses

Common Required Courses for Bachelor of Science Degrees and Dual Majors

All candidates for Bachelor of Science degree in Electrical Engineering (BSEE), Bachelor of Science degree in Computer Engineering (BScPE), and Bachelor of Science degree in dual majors (BSEE and BScPE) are required to complete a total of one hundred three (103) semester hours of common required courses, of which twenty-four (24) hours are English, social science, and humanities courses; forty-two (42) hours are engineering core courses (listed below); and thirty-seven (37) hours are required electrical and computer engineering courses (listed below).

Engineering Core Courses

- COP 3014 Programming I (3)
- CHM 1045C General Chemistry I (4)
- EGM 3512 Engineering Mechanics (4)
- EML 3100 Thermodynamics (2)
- MAC 2311 Calculus with Analytical Geometry I (4)
- MAC 2312 Calculus with Analytical Geometry II (4)
- MAC 2313 Calculus with Analytical Geometry III (5)
- MAP 3305 Engineering Mathematics I (3)
- MAP 3306 Engineering Mathematics II (3)
- PHY 2048C General Physics A (5)
- PHY 2049C General Physics B (5)

Required Electrical and Computer Engineering Courses

- EEE 3300 Electronics (3)
- EEE 3300L Electronics Laboratory (1)
- EEL 3111 Introductory Circuit Analysis (3)
- EEL 3112 Advanced Circuits with Computers (3)
- EEL 3112L Advanced Circuits with Computers Laboratory (1)
- EEL 3135 Signal and Linear Systems Analysis (3)
- EEL 3472 Electromagnetic Fields I (3)
- EEL 3512 Introduction to Communications I (3)
- EEL 3705 Digital Logic Design (3)
- EEL 3705L Digital Logic Laboratory (1)
- EEL 4021 Statistical Topics in Electrical Engineering (3)
- EEL 4746 Microprocessor-Based System Design (3)
- EEL 4746L Microprocessor-Based System Design Laboratory (1)
- EEL 4911C Senior Design Project I (3)
- EEL 4915C Electrical Engineering Senior Design Project II (3)
- OR
- EEL 4914C Computer Engineering Senior Design Project II (3)

Note: Required curriculum for Bachelor of Science (BS) degrees and dual majors is currently under revision. Please refer to http://www.eng.fsu.edu/ece for the most current version of these requirements.

Requirements for a Major in Electrical Engineering

Students majoring in electrical engineering require one hundred twenty-eight 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 electrical engineering majors are required to complete four of the following six Tier-2 courses:

- EEE 4351 Solid-State Electronic Devices (3)
- EEL 3216 Fundamentals of Power Systems (3)
- EEL 3473 Electromagnetic Fields II (3)
- EEL 4515 Digital Communication Systems (3)
- EEL 4652 Analysis and Design of Control Systems (3)
- EEL 4710 Introduction to Field Programmable Logic Devices (3)

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 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 below); six semester hours of required computer engineering courses: EEL 4710 Introduction to Field Programmable Logic Devices (3), and EEL 4713 Computer Architecture (3); and six semester hours of technical electives.

Required Computer Science Courses (13 semester hours)

- COP 3330 Object Oriented Programming (3)
- COP 3344 Introduction to UNIX (1)
- COP 4530 Data Structures, Algorithms and Generic Programming (3)
- COP 4610 Operating Systems and Concurrent Programming (3)
- MAD 2104 Discrete Mathematics I (3)

For a current list of technical electives for the computer engineering major, contact the department.

Requirements for a Dual Major in Electrical Engineering and Computer Engineering

Students dual-majoring in electrical engineering and computer engineering must take the common required courses (one-hundred three semester hours), required CS courses (thirteen semester hours), and required computer engineering courses: EEL 4710 and EEL 4713 (each three semester hours) plus nineteen semester hours of electrical engineering Tier-2 courses, technical electives, and special requirements.

Tier-2 Courses, Technical Electives, and Special Requirements for a Dual Major

- One semester hour must be an electrical engineering (EE) laboratory elective
- Nine semester hours must be three required Tier-2 electrical engineering courses
- Six semester hours must be two electrical engineering technical elective courses
- Three semester hours must be a second senior design project laboratory approved by the department.

With the adoption of ABET EC-2000 policies, program requirements, educational objectives, course content and offerings, and departmental policies are subject to periodic revision and change. Students are strongly urged to obtain current information from their academic adviser, the academic coordinator, or by visiting the departmental Web site at http://www.eng.fsu.edu/ece.

Academic Requirements and Policies

In accordance with ABET criteria, all engineering students are subject to a uniform set of academic requirements agreed to by Florida A&M University and Florida State University. These requirements have been established to en-
sure that program graduates receive a quality education and make reasonable progress toward satisfying engineering major degree requirements. Students are directed to the “FAMU–FSU College of Engineering” chapter of this General Bulletin and the departmental Web site (http://www.eng.fsu.edu/eee) for a list of all academic requirements and policies.

**ECE Course Prerequisite Requirement**

In addition to the college course prerequisite requirements, the Department of Electrical and Computer Engineering requires students to have obtained a grade in the range of “C” in all courses listed as prerequisites for the department’s engineering core courses.

**Definition of Prefixes**

**EEE**—Engineering: Electrical and Electronic

**EEL**—Engineering: Electrical

---

**Undergraduate Courses**

**EEE 3300.** Electronics (3). Prerequisite: EEL 3112. This course covers diode models and circuits, DC biasing of bipolar-junction and field-effect transistors, small- and large-signal transistor models, and frequency analysis of single-stage AC amplifiers.

**EEE 3300L.** Electronics Laboratory (1). Prerequisite: EEL 3112 and EEL 3112L. Corequisite: EEE 3300. This laboratory supports EEE 3300, Electronics.

**EEE 3401.** Electronic Circuits and Systems Design (3). Prerequisite: EEE 3300 and EEEE 3300L. This course uses computer-aided design programs and covers multistage amplifier analysis and design. The course focuses on feedback and operational amplifiers, A-to-D and D-to-A converters, and wave shaping and wave forming generators, including oscillators, voltage regulators, and power circuits.

**EEE 3401L.** Electronic Circuits and Systems Laboratory (1). Prerequisites: EEE 3300 and EEEE 3300L.

**EEE 3431.** Introduction to Digital Integrated Circuit Design (3). Prerequisite: EEE 3300. This course covers semiconductor device physics, digital-logic fundamentals, static-inverter analysis, static logic-gate analysis, dynamic-switching analysis, and combinational logic design.

**EEE 3430.** Microelectronics Engineering (3). Prerequisites: EEE 3300 and EEEE 3300L. This course covers design and fabrication of solid-state devices. Topics include oxidation, diffusion, metallization, photolithography, and device characterization.

**EEE 3431.** Solid-State Electronic Devices (3). Prerequisites: EEE 3300 and EEEE 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 3436.** Feedback Amplifier Principles (3). Prerequisite: EEE 3300. This course introduces basic concepts of multi-stage audio-frequency amplifiers, including feedback and stability principles and power-supply criteria.

**EEE 3476C.** Introduction to Analog IC Design (3). Prerequisite: EEE 4301. 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 3477.** Mixed Signal ICs (3). Prerequisite: EEE 4313 or EEE 4376C. This course introduces 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 samplers, 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 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 3512. This course offers an introduction to Fourier analysis of noise and signals; information transmission; modulation techniques; AM, FM, and pulse; and as well as analog multiplexing.

**EEE 4710.** Introduction to Electrical Engineering (3). Prerequisites: MAC 2312 and PHY 2049C. Introduction to electrical engineering concepts for non-electrical engineering majors. Covers a broad range of topics including basic circuit theory, semiconductor devices, instrumentation, amplifiers, and machines. Not accepted for credit toward BSEE and BSCpE.

**EEE 3003L.** Introduction to Electrical Engineering Laboratory (1). Prerequisite: MAC 2312 and PHY 2049C. Corequisite: EEE 3003. Laboratory in support of EEE 3003. Must be taken concurrently with first enrollment in EEE 3003. Must be dropped if EEE 3003 is dropped.

**EEE 3111.** Introductory Circuit Analysis (3). Prerequisite: MAC 2312. Corequisites: MAC 2313 and PHY 2049C. 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. Sinusoidal steady-state power analysis; three-phase circuits; transient and forced response; frequency response; two-port networks; circuit analysis with computers.

**EEE 3112L.** Advanced Circuits with Computers Laboratory (1). Prerequisite: EEE 3111. Corequisite: EEE 3112. 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). Prerequisites: EEE 3112 and MAP 3305. Classification and representation of signals and systems; Laplace transform; Z-transform; convolution; state variable techniques; stability and feedback.

**EEE 3216.** Fundamentals of Power Systems (3). Prerequisite: EEE 3112. Introduction to fundamentals of electrical energy transmission and power distribution; 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 3306, and PHY 2049C. The electrostatic field—Gauss’s law; boundary conditions; capacitance; Laplace’s and Poisson’s equations; energy, forces, and torques. The steady electric current. The magnetostatic field-vector potential; Ampere’s and Biot-Stuart’s laws; inductance; energy, forces, and torques. Quasistatic fields; electromagnetic induction.

**EEE 3473.** Electromagnetic Fields II (3). Prerequisite: EEE 3472. 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 and MAP 3306. 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: CGS 3408. Fundamental topics in digital logic design, algorithms, computer organization, assembly-language programming, and computer engineering technology.

**EEE 3705L.** Digital Logic Laboratory (1). Prerequisite: COE 3014. Corequisite: EEE 3705. Laboratory in support of EEE 3705.

**EEE 3949R.** Cooperative Work Experience (0). (SU Grader only.)


**EEE 4113.** Advanced Linear Networks (3). Prerequisite: EEE 3135. Synthesis of LC one-port networks, synthesis of LC two-port networks; operational amplifier applications; active filters; approximation methods; switched-capacitor filters.

**EEE 4213.** Power Systems I (3). Prerequisite: EEE 3216. Analysis of electric power systems, using simplified modeling for large power systems; admittance and impedance matrix formation; power flow; optimal dispatch; symmetrical components; balanced and unbalanced fault analysis; and transient stability studies.

**EEE 4220.** Electromechanical Dynamics (3). Prerequisites: EEE 3216 and EEE 3472. The study of magnetic circuits, electromagnetic torques, and induced voltages. Topics include magnetization, magnetic circuit theory, magnetic materials, inductive coupling, field mapping, magnetic devices, synchronous machines and generator controls, DC machines, controls and drives.

**EEE 4231.** Converter Modeling and Control (3). Prerequisite: EEE 4243. This course provides a study of DC-AC and DC-DC converter modeling techniques and control schemes. Topics include averaged switch models, voltage-source and current-source converter models, current programmed control, and active filter control.

**EEE 4243.** Power Electronics (3). Prerequisites: EEE 3300 and EEE 3315. The purpose of this course is to develop a basic understanding of using switched electronic circuits for the conversion and regulation of power. The course focuses on the basic converters and their steady state analysis. Dynamic modeling analysis, controller design, power semiconductor devices, and simulation also are covered.

**EEE 4244.** Power Conversion and Control (3). Prerequisites: EEE 3300 and EEE 3312. This course introduces solid-state power conversion and control circuits, including analysis and design of nonlinear multiple-phase circuits with sinusoidal and non-sinusoidal variables; constant-frequency and variable-frequency input conversions; variable-frequency input and output multiplexing. Processing circuits supporting control systems; and embedded microprocessor control systems.

**EEE 4415.** Sonar (3). Prerequisites: EEE 3473 and EEE 3512. This course introduces basic concepts of sonar systems including acoustic propagation, transducers and projectors, target strength, reverberation, beamsteering, beamforming, beampattern, and synthetic aperture sonar.

**EEE 4455L.** Electromagnetics Laboratory (1). Prerequisite: EEE 3473. Applications of electromagnetic field theory. Experiments include field mapping, transmission lines, specturm analysis, impedance matching, waveguides, antennas, radar, and fiber optics.

**EEE 4440.** Optoelectronics and Optical Systems (3). Prerequisites: EEE 3300 and EEE 3473. 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.

**EEE 4450.** Optical Sensors (3). Prerequisites: EEE 3473 and EEE 3512. This course examines the basic concepts of optical sensors and essential optics. Topics include intensity, phase, and frequency modulated optical fiber sensors and their applications, distributive sensing systems, and optical fibers in signal processing.

**EEE 4461.** Antenna Systems (3). Prerequisite: EEE 3473. Antenna theory, including Horns, dipole antennas, linear antennas, aperture antennas, arrays, loop antennas, slots, horns, and waveguides.


EEL 4540. Radar (3). Prerequisites: EEL 3473 and EEL 3512. 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, and clutter.

EEL 4566. Optical Fiber Communications (3). Prerequisites: EEL 3473 and EEL 3512. This course covers the features of optical fibers and systems. Topics include fiber optic links, light sources, optical detectors and fiber connectors, signal degradation in fiber optics, fiber analog and digital communication systems; and coherent optical fiber communications.

EEL 4595. Wireless Communications and Networking (3). Prerequisites: COP 3014 or equivalent, EEL 3135, EEL 3512, and EEL 4021. This course covers the fundamentals of wireless communications and systems. The core topics include radio-wave propagation characteristics of wireless channels; modulation and demodulation techniques for mobile radio; reception techniques for wireless systems; fundamentals of cellular communication; multiple access techniques; wireless networking; and hybrid networking of a wireless system and the Internet.

EEL 4596. Advanced Topics in Communications (3). Prerequisites: EEL 3512 and EEL 4021. This course offers an introduction to the depth knowledge of the advanced topics in communications. Topics covered include communication systems, signal to noise ratio (S/N) for amplitude and angle modulation, design of systems to improve S/N ratio, satellite communication, and mobile communication.

EEL 4652. Analysis and Design of Control Systems (3). Prerequisite: EEL 3135. Continuous system modeling; stability of linear systems; frequency response methods; the root locus method; state-space methods.

EEL 4710. Introduction to Field Programmable Logic Devices (3). Prerequisites: EEL 3705 and EEL 3705L. This course offers an overview of programmable logic devices, complex programmable logic devices, and field-programmable gate-array devices. The 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: CGS 3408 and EEL 4746. Modern computer architectures are presented by studying how the relationships between hardware and software impact performance, machine language definition, processor data path and control designs, interfacing, and advanced topics, such as caching and pipelining.

EEL 4746. Microprocessor-Based System Design (3). Prerequisites: EEL 3705 and EEL 3705L. 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 4746L. Microprocessor-Based System Design Laboratory (1). Prerequisites: EEL 3705 and EEL 3705L. Laboratory software development, hardware projects, and experiments in support of EEL 4746.

EEL 4748. Embedded Microcomputer Design Project (3). Prerequisites: EEL 4746 and EEL 4746L. Individual projects selected with consent of instructor. Selected lectures and an open-door Motorola 68000 laboratory.


EEL 4905r. Directed Individual Study (1–3). Prerequisites: Junior standing and a “B” average in electrical engineering courses. Normally may be repeated to a maximum of six (6) semester hours. Requires department approval.

EEL 4906r. Honors Work in Electrical Engineering (1–6). Prerequisite: Admission to the honors program. Independent or directed research in a specialized area beyond the current curriculum in electrical engineering. May be repeated to a maximum of nine (9) semester hours.

EEL 4911C. Senior Design Project I (3). Prerequisite: Admission to the honors program. Senior students work in teams to design, build, and test computer engineering devices or systems under the direction of a faculty member. Open-ended design experience with a practical problem applies a broad spectrum of engineering knowledge. Periodic written reports and oral presentations and a final written report are required. The lecture material and texts provide instructions on project management, ethics, and design skills.

EEL 4914C. Computer Engineering Senior Design Project II (3). Prerequisite: EEL 4911C. Senior students work in teams to propose, design, build, and test computer engineering devices or systems under the direction of a faculty member. Open-ended design experience with a practical problem applies a broad spectrum of engineering knowledge. Periodic written reports and oral presentations and a final written report are required. The lecture material and texts provide instructions on general project execution, technical writing, and engineering economics.

EEL 4915C. Electrical Engineering Senior Design Project II (3). Prerequisite: EEL 4911C. Senior students work in teams to propose, design, build, and test electrical engineering devices or systems under the direction of a faculty member. Open-ended design experience with a practical problem applies a broad spectrum of engineering knowledge. Periodic written reports and oral presentations and a final written report are required. The lecture material and texts provide instructions on general project execution, technical writing, and engineering economics.

EEL 4930r. Special Topics in Electrical Engineering (1–3). Prerequisite: Instructor permission. Special topics in electrical engineering with emphasis on recent developments. Topics and credit vary; consult the instructor. May be repeated to a maximum of twelve (12) semester hours.

Graduate Courses

EEE 5280. Biomimetic Systems Theory (3).
EEE 5317. Power Electronics (3).
EEE 5333. Solid State Sensors (3).
EEE 5378. Mixed Signal ICs (3).
EEE 5426. Analysis of Quantum Scale Semiconductor Devices (3).
EEE 5653. Semiconductor Device Theory (3).
EEE 5655. Computational Electrical Engineering (3).
EEE 5717. Signal and System Analysis (3).
EEE 5247. Power Conversion and Control (3).
EEE 5250. Power Systems Analysis (3).
EEE 5270. Power System Transients (3).
EEE 5416. Sonar (3).
EEE 5426. RF/Microwave Circuits I (3).
EEE 5427. RF/Microwave Circuits II (3).
EEE 5443. Electromagnetics and Optics (3).
EEE 5454. Optical Sensors (3).
EEE 5465. Antenna Theory (3).
EEE 5486. Advanced Electromagnetic Theory (3).
EEE 5500. Digital Communication Theory (3).
EEE 5542. Random Processes (3).
EEE 5547. Radar (3).
EEE 5563. Optical Fiber Communications (3).
EEE 5590. Advanced Topics in Communication (3).
EEE 5591. Wireless Communications and Networking (3).
EEE 5617. Multivariable Control (3).
EEE 5667. Robot Kinematics and Dynamics (3).
EEE 5707. ASIC Systems Design I (3).
EEE 5764. Computer System Architecture (3).
EEE 5784. Computer Network Design and Analysis (3).
EEE 5812. Advanced Neural Networks (3).
EEE 5905r. Directed Individual Study (1–3).
EEE 5910r. Supervised Research (1–5). (S/U grade only.)
EEE 5930r. Special Topics in Electrical Engineering (3).
EEE 5940r. Supervised Teaching (1–5). (S/U grade only.)
EEE 6237. Modern AC Drivers (3).
EEE 6266. Power Systems Operation and Control (3).
EEE 6457r. Advanced Topics in Optoelectronic Systems (3).
EEE 6502. Digital Signal Processing I (3).
EEE 6605r. Directed Individual Study (1–9).
EEE 6690r. Special Graduate Topics in Electrical Engineering (3).
EEE 6693r. Electrical and Computer Engineering Seminar (0).

For listings relating to the master’s and doctoral programs in electrical engineering, consult the Graduate Bulletin.
Department of English

College of Arts and Sciences

Chair: R. M. Berry; Francis Eppes Professor: Robert Olsen Butler; William Hudson Rogers Professor: Joseph R. McElrath, Jr.; Bertram H. Davis Professor: Brian Bocher; Janet Burroway Professor: Mark Winegardner; Robert O. Lawton Professor: E. C. Ostoraki; David Kirby; George Matthew Edgar Professor: Gary Taylor; Kellogg Hunt Professor: Kathleen Yancey; Professors: Berry, Burke, Crook, Daileader, Johnson, O’Rourke, Roberts, Rowe, Suarez, Trehane, Warren; Associate Professors: Baggot, Belieu, Coldiron, Epstein, Faulk, Fleckenstein, Gardner, Goodman, Laughlin, McGregory, Montgomery, Moore, Parrish, Rai, Saladin, Spiller, E. Stuckey-French, Vítkus, Walker, Ward, Warren; Assistant Professors: Baggot, Ikkard, Kennedy, Kimbrell, Neal, Outka, Patterson, Silva, N. Stuckey-French, Vann; Professors Emeriti: Bickley, Burroway, Davis, Fenstermaker, Fowler, Lhamon, Standley.

The Department of English offers students a curriculum that is central to the modern liberal arts education. One of the largest degree programs in the College of Arts and Sciences, the undergraduate major in English allows students to emphasize literature or writing; students may also pursue other specialized programs such as honors in the major, an English major with an emphasis in business, teaching certification, or other independent courses of study. In addition to the primary benefits to intellectual growth, the English major also offers practical preparation for professional careers in teaching, professional writing, law, medicine, business, religious affairs, and all levels of government service—local, state, and federal.

The study of literature includes not only contemporary texts but also all the historical periods of British, American, and other literature. In addition to familiar period or major authors courses such as the Victorian novel or Chaucer, students will also find courses in related subjects such as linguistics, popular culture, gender studies, multietnic literature, folklore, postcolonial literature, modern European fiction, and literary theory. All of these courses contribute to the student’s knowledge of human culture and how literary texts as cultural artifacts relate to other bodies of human knowledge such as philosophy, history, religion, psychology, classics, and modern languages.

The study of writing allows students to work not only in the familiar genres of poetry, fiction, drama, and the essay, but also to study related subjects such as rhetoric and composition theory. Students may also study the editorial and publishing process and take up internships in editing and publishing in a variety of settings.

The English honors program, traditionally the largest in the University, invites the very best students to supplement regular major work with specialized seminars and independent thesis work. Other options such as the English/business program or teaching certification allows students to supplement the major with rigorous and substantial minor courses of study.

A variety of activities and facilities are available to all majors. Two literary magazines, Kudzu Review and The Southeast Review, are published in the department. Many students gain journalistic experience by writing for the independent campus newspaper, the FSView & Florida Flambeau. The department sponsors a year-long visiting writers series that brings twelve to fourteen writers and scholars to campus each year. The English department, in conjunction with the campus-wide Seven Days of Opening Nights program, also promotes headline writers, such as John Updike and Amy Tan. In addition, the department has developed a series that brings editors and agents to the campus for presentations and individual consultations with Florida State University students. The department maintains a growing videotape collection to supplement classroom instruction, and two computer classrooms house computer-assisted writing instruction. All majors with a GPA above 3.0 are eligible for membership in Lambda Iota Tau, the local chapter of a national literary honor society, which sponsors a variety of social events and career programs.

The department annually recognizes outstanding achievement with the following awards and honors: the Fred L. Standley Award for Undergraduate Excellence in English, the George Harper Award for Outstanding Essay Writing, the Betty Corry Award for Outstanding Undergraduate Creative Writing, the Cody Harris Allen Undergraduate Writing Award, the John MacKay Shaw Academy of American Poets Award, the George Yost Essay Award, and the Mart P. and Louis Hill English Honors Thesis Award.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in English satisfy this requirement by earning a grade of “C−” or higher in CGS 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/navigation/detail_ext/cpp_intro.do?pageld=060304 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 XXX XXXX: six (6) credit hours of courses taught in the Department of English each with 6,000 words of evaluated writing for a total of 12,000 words

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Prerequisites for the Major

In order to satisfy prerequisites for the English major, students must accomplish the following:

1. Completion of at least fifty-two 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 1999. 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 4212, ENC 4500, ENC 4942r
      ii. Fiction: CRW 3110, CRW 4120r
      iii. Poetry: CRW 3311, CRW 4320r

English 251

College of Arts and Sciences

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
Typically Dreiser, Dos Passos, and Faulkner. Significant works by representative American writers include Twain, James, Crane, Chopin, Eliot, Hemingway, Frost, Fitzgerald, and O’Connor.

3. **Concentration in English Studies**

Students desiring to structure their own concentrations may propose a coherent program emphasizing, for example, a period, a genre, a theme, theory and criticism, or a combination of areas such as popular culture and film. The proposal, formulated in close consultation with and approved by the student’s adviser, should include a total of at least twenty-four 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 business courses, 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 2000. Students must have at least a “C-” average in the minor.

**Definition of Prefixes**

**AML—American Literature**

**CRW—Creative Writing**

**ENC—English Composition**

**ENG—English: General**

**ENL—English Literature**

**LAE—Language Arts and English Education**

**LIN—Linguistics**

**LIT—Literature**

**REA—Reading**

**Undergraduate Courses**

**AML 2600. The African-American Literary Tradition (3).** A survey of the canonical works of African-American literature, including Douglass, Chesnutt, Hurston, Wright, Ellison, Baldwin, Morrison, and Walker.

**AML 3311. Major Figures in American Literature (3).** Examination of selected works of major American writers.

**AML 3630. Latino/a Literature in English (3).** Introduction to landmark Latino/a works written in English.
Diverse, resurgent, and oppositional literary works from 1660 to 1800. Restoration and 18th-century British Literature (3).

ENL 3310. Film Genres (3). Film as a means of exploring the problems of genre studies; relationship to literary genres, historical continuity, transformation of genre in the film medium. (24)

ENL 3600. Hollywood Cinema (3). This course surveys central problems in the study of mainstream U.S. cinema. Topics include major historical developments, arguments over social and aesthetic value, and close examination of critically important films.

ENL 3931r. Topics in English (1–3). May be repeated to a maximum of twenty-four (24) semester hours.


ENL 4020. Rhetorical Theory and Practice (3). Prerequisites: ENC 3310 and instructor permission. Emphasis on contemporary developments in rhetoric and their applicability to writing. For upper-division students who intend to teach English composition.

ENL 4043. Contemporary Critical Theory (3). Prerequisite: Instructor permission. Advanced study of crosscurrents in late 20th-century critical theory.

ENL 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.

ENL 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 (24) semester hours.

ENL 4932r. Studies in English (1–3). Topics vary. For senior majors and qualified students. May be repeated to a maximum of twenty-four (24) semester hours.

ENL 4934. Senior Seminar in Literature (3). Prerequisites: Ninety (90) semester hours of college work. Topics vary. Required for senior English majors concentrating in literature. Does not count toward the major for concentration in writing.

ENL 4936r. 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 (9) semester hours.

ENL 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 (6) semester hours.

ENL 4093. Currents in Contemporary Literature (3). Diverse, resurgent, and oppositional trends in literature since 1945; Mailer, Brautigan, Bellow, and others.

ENL 4184. Irish Literature (3). Synge, Yeats, Shaw, O’Casey, Joyce, Beckett, and others.

ENL 4205. Literature of Human Rights (3). This course is a study of literature in English and related materials relevant to the issue of human rights.

ENL 4233. Anglophone Postcolonial Literature (3). This course is an advanced study of literature written in English in former colonies in Africa, Asia, and the Caribbean.

ENL 4304. The Literary Expression of American Popular Culture (3). An introductory course treating the wide variety of literary manifestations of American popular culture as indicators and symptoms of the concerns of modern American society.

ENL 4322. Folktale (3). Introduction to myth, legend, tale, song, ballad, beliefs, and customs.

ENL 4329. African-American Folklore (3). This course provides an overview of the major forms of cultural expression developed by African-Americans. The focus will be on African-American folklore as a living tradition to be understood and interpreted.

ENL 4385. Major Women Writers (3). An examination of selected works by significant women writers.

ENL 4514. Postcolonial Literatures and Feminisms (3). Prerequisites: ENC 1102 and ENC 1122 or equivalent. 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.

ENL 4533. Feminisms: The Long 19th Century (3). This course introduces students to some of the key concepts of what is known as the “First Wave” of Feminist Theory in the 19th century.

ENL 4534. Early Feminisms (3). This course introduces students to key concepts, issues, and debates that shaped societal attitudes toward women prior to the emergence of “first wave feminism” in the later eighteenth and early nineteenth centuries. Topics may include women’s education, rights to participate in the public sphere, roles in marriage, the nature of women’s work, and women’s rights to citizenship.

ENL 4554. Feminist Theory (3). This course introduces students to the basic concepts and issues in feminist thought through reading some of the major feminist theorists.

ENL 4652. Middle Eastern Literature and Translation (3). This course explores English translations of various genres of literature written in the Middle East and offers a Middle Eastern perspective of the religious, cultural, economic, territorial, and geopolitical conflicts of the region. The course covers the use of theoretical languages and concepts from a broad spectrum of literary fields such as postcolonialism, religious studies, feminism, globalization studies, and area studies.
Florida State University

**Graduate Courses**

**A ML 501r.** Studies in U.S. Literature to 1875 (3).

**A ML 502r.** Studies in U.S. Literature Since 1875 (3).

**A ML 526r.** Studies in Literature of the American South (3).

**A ML 529r.** Studies in Multi-Ethnic Literature (3).

**A ML 560r.** Studies in the African-American Literary Tradition (3).

**A ML 563r.** Studies in Latino/a Literature in English (3).

**C RW 510r.** Fiction Workshop (3).

**C RW 531r.** Poetry Workshop (3).

**C RW 540r.** Drama Workshop (3).

**E NC 521r.** Introduction to Editing and Publishing (3).

**E NC 521r.** Topics in Editing (3–6).

**E NC 531r.** Article and Essay Workshop (3).

**E NC 570r.** Theories of Composition (3).

**E NC 5720.** Research Methods in Rhetoric and Composition (3).

**E NC 5945r.** Internship in Editing (0–3). (S/U grade only.)

**E NG 500r.** Introduction to Advanced Studies in English (3).

**E NG 502r.** Rhetorical Theory and Practice (3).

**E NG 504r.** Studies in Critical Theory (3).

**E NG 506r.** Studies in Language and Linguistics (3).

**E NG 513r.** Studies in Film (3).

**E NG 5035r.** Topics in Publishing (3–6).

**E NG 5065r.** Directed Individual Study (1–3). (S/U grade only.)

**E NG 5935r.** Topics in English (1–3).

**E NG 5935r.** Speakers in English Studies (1–3). (S/U grade only.)

**E NG 599r.** Tutorial in English (1–3). (S/U grade only.)

**E NG 690r.** Directed Readings (1–6). (S/U grade only.)

**E NG 6035r.** Seminar in English (3).

**E NL 520r.** Studies in Old English Language and Literature (3).

**E NL 521r.** Studies in Middle English Language and Literature (3).

**E NL 522r.** Studies in Renaissance Literature (3).

**E NL 523r.** Studies in Restoration and 18th-Century British Literature (3).

**E NL 524r.** Studies in British Romantic Literature (3).

**E NL 525r.** Studies in Victorian Literature (3).

**E NL 527r.** Studies in 20th-Century British Literature (3).

**L AE 537r.** Teaching English in College (3).

**L AE 5946r.** Teaching English as a Guided Study (3).

**L AE 5948r.** Supervised Teaching (0–5). (S/U grade only.)

**L IT 501r.** Studies in Fiction (3).

**L IT 503r.** Studies in Poetry (3).

**L IT 5047r.** Studies in Drama (3).

**L IT 5186r.** Studies in Irish and/or Scottish Literature (3).

**L IT 5235r.** Studies in Post-Colonial Literature in English (3).

**L IT 5309r.** Studies in Popular Culture (3).

**L IT 5325r.** Studies in Folklore (3).

**L IT 5388r.** Studies in Women’s Writing (3).

**L IT 551r.** Studies in Gender in Literature (3).

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

---

**ENGLISH EDUCATION:**

see Middle and Secondary Education
Major in ENTREPRENEURSHIP

COLLEGE OF BUSINESS

Director and Jim Moran Professor of Entrepreneurship: Jim Combs; Jim Moran Professors of Business Administration: Combs, Hochwarter, Ranft; Professor: Combs; Associate Professor: Ranft; Assistant Professor: Holcomb; Assistants in Entrepreneurship: Blass, Dever, Presnell.

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 firsthand 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. Students who successfully complete the Entrepreneurship major will 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 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/navigation/detail_ext/cpp_intro.do?pageid=070505 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 X201 or ACG X202 or ACG X201 and ACG X11
2. ACG X701 or ACG X301
3. CGS X100 (or demonstrated competency) or CGS X1300 (or demonstrated competency) or CGS X350 or CGS X570 or CGS X600 or CGS X531 or CGS X100 or ISM X000
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) the general business core requirements for entrepreneurship majors; (4) the general business breadth requirements for entrepreneurship majors; and (5) 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 first 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 of the College of Business by the end of their second year in order to continue in the major. The College of Business 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. No course may be used to satisfy part of the general business breadth requirements and part of the major area requirements.

- 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).

Requirements for a Certificate in Entrepreneurship

Students who have been admitted to 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 apply online to the Jim Moran Institute (http://www.cob.fsu.edu/jmi/) before the announced deadline each semester. Applicants must possess a GPA of at least 3.2 to apply, but are not guaranteed admission. Evidence of prior entrepreneurial activity and interest are also part of the selection criteria. Students must complete the program within three years. No transfer credits will be accepted.

- 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 3273. Family Business (2).
- ENT 3173. Franchising (2).
- ENT 3203. Managing New Venture Growth (2).
- ENT 3503. Social Entrepreneurship (2).
- ENT 3283. Women and Minorities in New Ventures (2).
Definition of Prefix

ENT—Entrepreneurship

Undergraduate Courses

ENT 2010. Creating and Managing New Ventures (2). Prerequisite: Admission to the major. Corequisites: ACG 2021 and ENT 2010L. This 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 the major. Corequisites: ACG 2021 and ENT 2010. Mini-business plans developed in ENT 2010L are funded by the Jim Moran Institute for Global Entrepreneurship and students actually launch and manage the business.

ENT 2011. Managing and Harvesting New Ventures (2). Prerequisite: Admission to major, ACG 2071L, and either ENT 2010 or ENT 2010L. Corequisites: ACG 2071 and ENT 2011L. A continuation of ENT 2010, this course focuses on growing and exiting a business. Additional course content exposes students to the basics of entrepreneurial law, negotiation, and understanding financial statements.

ENT 2011L. Managing and Harvesting New Ventures Laboratory (1). Prerequisites: Admission to major, ACG 2071, and either ENT 2010 or ENT 2010L. Corequisites: ACG 2071 and ENT 2011. A continuation of ENT 2010L, this course focuses 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). Corequisites: BUL 3310 or BUL 3330. 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). Corequisites: ENT 3003 or both ENT 2010 and ENT 2011. This course focuses on entrepreneurship in existing organizations, corporate 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). Corequisites: 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 franchisors 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 franchisor.

ENT 3183. Commercializing New Technologies (2). Corequisites: 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). Corequisites: 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). Corequisites: ENT 3003, ENT 2010, and ENT 2011. This course covers 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). Corequisites: 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 may include discussions with successful women and minority business owners.

ENT 3413. New Venture Finance (3). Prerequisites: Admission to the College of Business, as well as "B-" or better in 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). Corequisites: ENT 3003 or both ENT 2010, 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). Corequisites: 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 organizations 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.
Department of FAMILY AND CHILD SCIENCES

COLLEGE OF HUMAN SCIENCES

Chair: Kay Pasley; Eminent Professor: Fincham; Professors: Darling, Krantz, Lee, R. Mullis, Ralston; Associate Professors: Cornille, McWey, A. Mullis, Readick, Rehm; Assistant Professors: Cui, Associate in Family and Child Sciences: Barlow, Mills; Professors Emeriti: Dales, Greenwood, Hansen-Gandy, Hendrickson, Hicks, Pestle, Rapp, Ridley-Bell, Zongker

The Department of Family and Child Sciences offers two degree programs: family and child sciences and general human sciences. All programs require maintaining a GPA of at least 2.5 in the courses required for graduation as part of the degree program.

Within the family and child sciences degree, students can emphasize either family and child development or family life education. Both emphases address family relations, marital interaction, parent-child interaction, and the growth and development of children within life course and applied developmental science perspectives. In addition, both provide students with an introduction to working in applied settings, including human services agencies, educational settings, child care, and child and family advocacy. The unique focus of family life education is on courses that prepare students to develop and implement educational programs whose goal is to strengthen family life and that are directed toward children, youth, and families. This emphasis provides the necessary background to apply for certification from the National Council on Family Relations to become a “certified family life educator.” It does not lead to teacher certification in Florida.

Both emphases include human sciences core courses (FAD 2230 AND 2 of the following: COA 3151, COA 4131, FAD 4455, HEE 3103, HEE 4054, HEE 4300, HME 4221, HOE 3050 or HUN 1201), developmental courses in the major, and in the case of family and child sciences, an approved area of concentration in an allied field. Appropriate internships in applied settings are encouraged. In family and child sciences, four courses are required prerequisites. Students must achieve at least a “B-” in FAD 2230, 3220, 3271, and CHD 2220. Individuals who apply for the major and who have not met the prerequisite requirements will be classified as Prerequisite Incomplete (PI) and cannot enroll in other classes in the major until these prerequisite classes are completed. Students who do not achieve a grade of “B-” may re-take these courses only once.

Within the general human sciences major, students take a variety of courses from the disciplines represented in the College of Human Sciences, including family and child sciences. The course content prepares students to take the Florida Teachers Examination (subject matter specific in Family and Consumer Sciences) as required for obtaining a temporary teaching certificate and ultimately being competitive for Florida’s Alternative Teacher Certification. The curriculum is not approved by the State Board of Vocational Education for permanent certification. With careful guidance by an adviser, students can prepare for meeting the various requirements that allow them to seek teaching positions in middle and secondary schools. The major also prepares students for positions in human services agencies and the Cooperative Extension Service.

Curricular specific requirements for the undergraduate majors are available through the Department of Family and Child Sciences and through our Web site, http://www.chf.fsu.edu/fcs.

Minor

A minor 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.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency varies from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in family and child sciences and general human sciences satisfy this requirement by earning a grade of “C-” or higher in CGS 2064 or EME 2040. Undergraduate majors in family and consumer sciences education satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or EME 2040.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 Child Sciences

1. APB XXXX: one (1) course for three (3) credit hours
2. CHD X220
3. FAD X230
4. HUN X201
5. PSY XXXX: one (1) course for three (3) credit hours

Human Sciences, General

1. CHM X020
2. CTE X310
3. CTE X401
4. ECO X013
5. FAD X230
6. HUN X125
7. HUN X201

Honors in the Major

The Department of Family and Child Sciences offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

CHD—Child Development
FAD—Family Development
HEE—Home Economics Education

Undergraduate Courses

CHD 2220. Child Growth and Development: The Foundation Years (3). The study of children from birth through middle childhood.

CHD 3472. Child Guidance (3). Prerequisite: Major status. Students will learn principles of positive guidance to apply in guiding children during early childhood, middle childhood, and adolescence in a variety of natural contexts, including home and school.

CHD 4225. Contexts for Early Childhood Development (3). Prerequisites: Major status and junior standing. Corequisite: FAD 4805. Students will learn to create contexts, relationships, activities, and environments for the enhancement of the physical, social, emotional, and cognitive development of young children from birth to five years of age in homes and other institutions.

CHD 4250. Middle Childhood Contexts (3). Prerequisites: 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). Prerequisite: Major status and junior status. This course provides a basic understanding of adolescent development as it relates to human growth and development and learning theory for this life stage. 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. Through readings, lecture, discussion, guest speakers, field work, research, and writing, students will become familiar with the process of formulating, implementing, and evaluating public policy. Family and child issues that have resulted in policy decisions at every level will be identified, and current issues that are in need of attention by policy makers will be explored. Research related to family issues and its impact on family policy will be analyzed with emphasis on enhancing the role of family and child professionals in policy process.


CHD 4905r. Directed Individual Study in Child Development (1–3). May be repeated to a maximum of nine (9) semester hours.
CHD 4944r. Internship Child Development (1–12). (S/U grade only) Prerequisites: Senior standing and instructor permission. Supervised practical field experiences in various professional settings related to child development, including hospitals, extension service, education faculties, government agencies. Child development majors only. May be repeated to a maximum of twelve (12) semester hours.

FAD 2230. Family Relationships: A Life Span Development Approach (3). A study of families and interpersonal relationships in a changing society. Emphasis is on a life cycle approach to understanding the dynamics of family relationships.

FAD 3220. Individual and Family Life Span Development (3). Analysis of individual and family development as it applies to professional application in human services.

FAD 3271. Ecological Contexts for Individual and Family Development (3). An introduction to the overarching theoretical frameworks, providing a basis for understanding individual and family development. This course serves as a foundation for all major courses.

FAD 3432. Stress and Resilience in Individuals and Families (3). Prerequisite: Major status. This course provides undergraduate majors with an introduction to family-based stress-focused mini-theories. The course will provide a framework for understanding the differences between family patterns when families are centered on growth related themes and when they are preoccupied with a variety of stressors every day.

FAD 4265. Contexts for Family Development (3). Prerequisite: Major status. This course is designed to expose students to the diversity of families by race, ethnicity, social class, and structures in an eco-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). Prerequisite: Major status. 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. Basic counseling skills for persons who, by nature of their work, are called upon to provide counseling. May be taken for graduate credit.

FAD 4805. Observation and Participation in Applied Developmental Science (3). Prerequisite: Major status, junior standing, and completion of at least 12 credits in major beyond CHD 2220, FAD 2230, FAD 3220, and FAD 3271. Corequisites: CHED 4225 or CHED 4250 or CHED 4251. This course is designed to provide students with experience in a community setting serving children, families, and/or adults. These experiences will provide students with opportunities to relate class materials with the work environment of child and family services and to develop basic intervention skills.

FAD 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of nine (9) 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 (9) semester hours.

HEE 3103. Philosophy and Methods of Teaching Family and Consumer Sciences (3). Prerequisite: Junior standing. This course develops teaching skills in daily lesson planning, delivery of content through various teaching strategies, identification of student needs, development of learning activities, and student assessment in family and consumer sciences. Observation/participation required.


HEE 4300. Program and Curriculum Leadership in Family and Consumer Science Education. (3) This course develops skills in family and consumer sciences program and curriculum leadership, long-range planning, sequencing of objectives, classroom organization and management systems, youth development, and assessment planning.

HEE 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of four (4) semester hours.

HEE 4912r. Honors Work (3). Open to upper-division majors with an overall grade point average of 3.2 and consent of instructor. May be repeated to a maximum of six (6) semester hours.

HEE 4941. Student Teaching (1–2). (S/U grade only.) Field experience in the teaching of vocational home economics.

HOE 4972r. Honors Work (3). Prerequisites: Upper-division majors with an overall grade point average of 3.5 and instructor permission. Course provides upper-division students in family and child sciences with an opportunity to undertake an independent and original research project in their particular area of interest. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

Child Development Courses

CHD 5266. Advanced Child Development (3).

CHD 5617. Professional Development in Family and Child Sciences (1).

CHD 5619. Child Care Issues and Advocacy (3).

CHD 5618. Policy Development and Analysis in Child and Family Studies (3).

CHD 5906r. Directed Individual Study (1–3). (S/U grade only.)

CHD 5912r. Supervised Research (1–3). (S/U grade only.)

CHD 5915. Methods of Research I (3).

CHD 5919. Grant Writing in Family and Child Sciences (3).

CHD 5940r. Practicum in Child Development: Varied Ages (infancy, preschool, school-age) (3–9).

CHD 5942r. Supervised Teaching (1–3). (S/U grade only.)

CHD 6261. Theories of Child Development (3).

CHD 6264. Assessment Techniques for Children and Families (3).

CHD 6390r. 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 5900r. Readings in Family and Child Sciences (3).

FAD 5906r. Directed Individual Study (1–3). (S/U grade only.)

FAD 5912r. Supervised Research (1–3). (S/U grade only.)

FAD 5934r. Seminar in Family and Child Sciences (3–9).

FAD 5942r. Supervised Teaching (1–3). (S/U grade only.)

FAD 5944r. Internship-Family/Child (1–12).

FAD 5970. Special Project (3). (S/U grade only.)

FAD 6436. Theories of Family Sciences (3).

FAD 6450. Human Sexuality (3).

FAD 6806. Supervision in Marriage and Family Therapy (3).

FAD 6807. Family Therapy and Services Research Methods I (3).

FAD 6808. Family Therapy and Services Research Methods II (3).

FAD 6917. Methods in Family and Child Sciences (3).

FAD 6930r. Special Topics: Marital and Family Therapy (Topics Vary) (3–9).

FAD 6935r. Special Topics: Family and Child Development (Topics Vary) (3–9).

FAD 6940r. Practicum in Marital and Family Therapy (1–5).

HEE 5160. Methods and Media in Home Economics Education (3).

HEE 5340. Home Economics Program Development (3).

HEE 5560. Supervision of Home Economics (3).

HEE 5900r. Readings in Home Economics Education (3–12).

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

HEE 5935r. Special Topics in Home Economics Education (1–6). (S/U grade only.)

HEE 6180. College Teaching of Home Economics (3).

The Department of Family and Child Sciences offers graduate programs leading to the Master of Science (MS) degree in the respective areas, and the Doctor of Philosophy (PhD) degree in human sciences with specialization in either child development or family relations, and a Doctor of Philosophy (PhD) degree in marriage and family therapy. For further information relating to graduate course work and thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.

FILM STUDIES: see Motion Picture, Television, and Recording Arts
Department of Finance

College of Business

Chair: William A. Christiansen; Professors: Ang, Clark, Coats, Humphrey, Lee, Da. Peterson; Associate Professors: Benesh, Christiansen, Cheng; Assistant Professors: Autore, Colak, Doran, Haslem, Houston, Jiang, Knill; Associate in Finance: G Smith; Assistants in Finance: De. Peterson and 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: Da. 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 Professor in Finance: Haslem

Finance is considered one of the basic functions of our private enterprise system. Finance can be defined as the art and science of managing money. Each of the many firms, businesses, institutions, and governmental agencies in our economic system has the problems of obtaining, administering, and managing its funds efficiently and wisely. Nearly every decision made by an organization has important financial implications. Thus, the finance student is introduced to and studies the theory, concepts, applications, institutional environment, and analytical tools essential for proper decision making. Finance is designed as preparation for a broad variety of careers, since all organizations need individuals knowledgeable about finance. Careers may be in financial management and analysis, banking, financial institutions, financial markets, investments, portfolio analysis and management, financial planning, and multinational finance. Finance is also considered good preparation for graduate study in law or business.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in finance satisfy this requirement by earning a grade of “C–” or higher in CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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
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) the general business core requirements for finance majors; (4) the general business breadth requirements for finance majors; and (5) the major area requirements for finance majors.

Note: To be eligible to pursue a finance major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements for Finance Majors

All finance majors must complete the following five courses. A grade of “C–” or better must be earned in each course.

- BUL 3310 The Legal 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)
- MAR 3023 Basic Marketing Concepts (3)

General Area Requirements for Finance Majors

All finance majors must complete six courses (eighteen semester hours) as listed below. A grade of “C–” or better must be earned in FIN 4424, FIN 4504, and the two additional finance electives used to satisfy the finance major area requirements. A minimum grade point average (GPA) of 2.0 must be earned in the courses used to satisfy the finance major area requirements.

- ACG 3171 Analysis of Financial Statement Presentation (3)
- FIN 3403 Financial Management of the Firm (3)
- MAR 3023 Basic Marketing Concepts (3)
- FIN 4424 Problems in Financial Management (3)
- FIN 4504 Investments (3)

Honors in the Major

The Department of Finance offers honors in the major to encourage talented students to undertake independent and original research as part of the undergraduate experience. For requirements and other information see the “University Honors Office and Honor Societies” chapter of this General Bulletin.
Definition of Prefixes

ECP—Economic Problems and Policy
FIN—Finance
GEB—General Business
MAN—Management
QMB—Quantitative Methods in Business

Undergraduate Courses

FIN 3140. Personal Finance (3). A study of the concepts and processes in planning, analyzing, and controlling personal financial resources. Emphasizes financial planning, cash and credit management, managing expenditures, income and asset protection, investment planning, and retirement and estate planning. For nonbusiness majors only. Credit not allowed to be transferred to business majors.


FIN 4324. Commercial Bank Administration (3). Prerequisites: FIN 3403 and FIN 3244. A study of the operations and administration of commercial banks and their role in the money and capital markets. Examines banking regulation, the lending function, investments, and the financial decision-making process.

FIN 4412. Short-Term Financial Management (3). Prerequisites: FIN 3244 and FIN 3403. Course focuses on the decisions impacting the short-term cash flows of organizations—public, private, governmental, and non-profit. Topics include: cash management, treasury management, and working capital management.

FIN 4424. Problems in Financial Management (3). Prerequisites: FIN 3244 and FIN 3403. An advanced study of financial management that relates the underlying principles of finance to the decision-making perspective of the financial manager. Selected topics include cash budgeting, working capital management, capital budgeting, risk analysis, valuation, long- and short-term financing, dividend decision, and financial forecasting. Case analyses are included.

FIN 4453. Financial Modeling and Forecasting (3). Prerequisites: FIN 3403 and QMB 3200. An introduction to financial modeling and forecasting. Emphasis is on computer models and forecasting financial variables.

FIN 4504. Investments (3). Prerequisites: FIN 3403, FIN 3244, and STA 3014. An introduction to investment and security analysis. Includes an examination of investment instruments, the investment environment, the concept of risk-return, and the interactive forces between the economy, industries, and individual firms.

FIN 4514. Security Analysis and Portfolio Management (3). Prerequisite: FIN 4504. An advanced and comprehensive coverage of investment topics including bond analysis, stock options, interest rate futures, options on futures contracts, portfolio analysis and management, and security market efficiency.

FIN 4604. Multinational Financial Management (3). Prerequisites: FIN 3403 and FIN 3244. An introduction to 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 is a special study course designed to meet the needs of the student. May be repeated to a maximum of five (5) times with the requirement that the topic changes each time. Consent of the department chairperson is required.

FIN 4934r. Senior Seminar in Finance (3). Prerequisites: FIN 3403 and FIN 3244. May be repeated to a maximum of nine (9) semester hours as topics vary. Additional prerequisites may be required depending on the topic.

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


Graduate Courses

ECP 5706. Economic Analysis for Management (3).
FIN 5317. Financial Institutions and Risk Management (3).
FIN 5425. Problems in Financial Management (3).
FIN 5515. Investment Management and Analysis (1–4).
FIN 5537. Financial Derivatives and Risk Management (3).
FIN 5605. Multinational Financial Management (3).
FIN 5840. Applied Econometrics in Finance (3).
FIN 5906r. Directed Individual Study (1–3). (S/U grade only.)
FIN 5907r. Special Studies in Management (1–3).
FIN 5917r. Supervised Research (1–3). (S/U grade only.)
FIN 5935r. Seminar on Current Topics in Finance (3).
FIN 5946r. Supervised Teaching (1–3). (S/U grade only.)
FIN 6449. Seminar in Finance (1–3).
FIN 6527. Seminar in Finance (4).
FIN 6709. Seminar in Finance (1–3).
FIN 6804. Foundations of Financial Theory (3).
FIN 6917r. Supervised Research (1–3). (S/U grade only.)
FIN 6946r. Supervised Teaching (1–3). (S/U grade only.)
GEB 5446. The Business Context (3).
MAN 5716. Business Conditions Analysis (3).

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

FINANCE:
see also Multinational Business Operations

FOOD SCIENCE:
see Nutrition, Food and Exercise Sciences

FOOD SERVICE SYSTEMS:
see Hospitality; Nutrition, Food and Exercise Sciences

FOUNDATIONS OF EDUCATION:
see Educational Leadership and Policy Studies

FRENCH:
see Modern Languages and Linguistics

GENETICS:
see Biological Science
Department of GEOGRAPHY

College of Social Sciences and Public Policy

Chair: Victor Mesev; Professors: Elsner, Mesev; Associate Professors: Baker, Horner, Stallins, Steinberg, Yang; Assistant Professors: Jordan, Zhao; Affiliate and Adjunct Faculty: Fradel, Miller, Molina, Sanchez, Watson.

The Department of Geography offers two separate majors reflecting the discipline’s position straddling the social and natural sciences: the geography major and the interdisciplinary environmental studies major. While these programs overlap to some extent, they differ in their substantive focus: the geography major is oriented to social, economic, and political concerns, while the environmental studies major revolves more explicitly around human interactions with the natural, physical, and biological environment, with a stronger interdisciplinary focus. Students may double major in geography and environmental studies, a maximum of eleven semester hours may be double-counted toward both majors.

Several career paths await the graduating geographer in the public and private sectors. Geographers bring important knowledge and analytical techniques to resource management and planning agencies. Their training enables geographers to determine where public facilities and infrastructure are best located so that the greatest number of people benefit. These skills are also valued by private firms investing in residential or commercial development; a geographer can pinpoint where investments are likely to yield the best returns. Geographers fill such job titles as cartographer, intelligence officer, economic analyst, and soil conservationist. Another field is metropolitan and regional planning, in which geographers are engaged in monitoring environmental problems, land use changes, waste disposal, housing, transportation patterns, and poverty. Geographers in private business are involved in industrial location research, marketing, planning for utility companies, environmental and site location consulting, real estate firms, port and airport authorities, travel agencies, and in transportation planning for airlines or trucking firms. Many institutions use geographic information systems (GIS), and consulting firms serving state and local governments are increasingly called on to provide GIS expertise. The College of Social Sciences and Public Policy has a geographic information systems laboratory with microcomputers running GIS, remote sensing, and statistical software. Finally, geographers find many jobs as teachers in a world integrated to the point that an understanding of geographic differences is essential to a basic education.

The geography department has expertise in human geography, geographic information science, and environmental analysis. Students can concentrate in one of these areas, but the natural linkages between them mean that courses in all three are necessary for a complete geographical education. In human geography, faculty interests cover a number of interrelated topics, including global geographic information science; power relationships; the terrain and tactics of war; social problems such as poverty and residential segregation, and the impact of policies designed to alleviate them; Latin America; medical geography; transportation; and the spatial structure of services, telecommunications, and international trade. The faculty also focuses on a number of environmental and resource issues, including the impacts of natural hazards such as hurricanes, the causes and effects of deforestation, and the development of policies to solve these and similar problems.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in geography satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, GIS 3015, or GIS 4043. Undergraduate majors in environmental studies satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, 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://facts.23.facts.org/navigation/detail_ext/cpp_intro.do?pageId=060304 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: two (2) introductory geography courses for six (6) credit hours

Note: General requirements for all social sciences: the State University System and the Community Colleges advise students to:

1. Complete general education 36 hours;
2. Complete foreign language requirement;
3. Complete Gordon Rule requirement of 24,000 words;
4. Complete Gordon Rule requirement in math by taking 2 courses, one of which must be pure math.

Geography Major

Geography is an integrative discipline bridging the social sciences, physical sciences, and humanities in the study of the relations between human beings and the earth. Geography is fundamentally the study of space, much as history is the study of time. Why phenomena and events occur where they do, and the ramifications they have for other places and cultures, are essential geographic questions. Within this framework, geographers examine such issues as the linkages between international development and environmental conservation, the opportunities and problems associated with growth in Florida, the geographic bases of religious and linguistic conflicts, and the implications of economic restructuring on regional power balances, deforestation, and hunger. The value of a geographic perspective is that such issues become more than isolated events when they are given theoretical grounding and are placed in a broader context of global understanding. In an interdependent world where decisions made in one country affect the lives of people in all societies, responsible world citizenship requires a solid foundation in geographic knowledge.

Major Requirements

A major in geography consists of thirty-one semester hours with a minimum overall GPA of 2.00, including the following five required core courses (16 credit hours):

- GEO 1400 Human Geography
- GEO 2200C Physical Geography
- GEO 4162C Spatial Data Analysis
- GIS 3015 Map Analysis
- GIS 4043 Geographic Information Systems and lab (4 credit hours)

An additional course is required in one of the core areas of human geography (1 class, 3 credit hours):

- GEO 3502 Economic Geography
- GEO 4421 Cultural Geography
- GEO 4471 Political Geography
- GEO 4602 Urban Geography

At least six credit hours of courses must be taken at the 4000 level (excluding GEO 4162C, GEO 4905, and GEO 4941). A maximum of three credit hours of GEO 4905 Directed Individual Study (DIS) will be credited toward the major. No credit for geography courses with a grade below “C–” will be applied towards completion of the major. Note that GEA 1000 and GEO 1400 satisfy liberal studies multiculturalism requirements.

Requirements for Minor

A geography minor consists of twelve semester hours of course work in geography (GEO 1400 plus nine additional hours) completed with a grade of “C–” or better. If a geography minor is combined with an environmental studies major, GEO2200C and one other course (up to seven credits total) may count toward both the major and the minor. For more information contact Kelly Watson, Undergraduate Adviser, Department of Geography, 323 Bellamy, (850) 644-1706 or kwat@fsu.edu, or visit the department’s Web site at http://www.fsu.edu/~geog

Major in Environmental Studies

Environmental studies is an interdisciplinary program of study that provides an in-depth understanding of the social and institutional context of contemporary environmental concerns, including topics such as ecosystem management, resource conservation, land use planning, natural hazards, and the policy dimensions of environmental issues. The major in environmental studies requires forty-one 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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2010</td>
<td>Biological Science I and BSC 2010L (CHM 1045 is prerequisite)</td>
</tr>
<tr>
<td>CHM 1045</td>
<td>General Chemistry I and CHM 1045L</td>
</tr>
<tr>
<td>GEO 1330</td>
<td>Environmental Science (previously GEO 1331)</td>
</tr>
<tr>
<td>GEO 2200C</td>
<td>Physical Geography (previously GEO 3200C)</td>
</tr>
</tbody>
</table>

### II. Natural Science Electives: four courses (total twelve credit hours) from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2011</td>
<td>Biological Science II</td>
</tr>
<tr>
<td>BSC 3052</td>
<td>Conservation Biology</td>
</tr>
<tr>
<td>BSC 3312</td>
<td>Marine Biology</td>
</tr>
<tr>
<td>BSC 4515</td>
<td>Aquatic Pollution Biology</td>
</tr>
<tr>
<td>BSC 4934</td>
<td>Selected Topics in Applied Biology (subjects vary)</td>
</tr>
<tr>
<td>CHM 1046</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>EES 2205C</td>
<td>Environmental Engineering Chemistry</td>
</tr>
<tr>
<td>EES 3040</td>
<td>Introduction to Environmental Engineering Science</td>
</tr>
<tr>
<td>ENV 4001</td>
<td>Environmental Engineering</td>
</tr>
<tr>
<td>ENV 4041</td>
<td>Environmental Systems Analysis</td>
</tr>
<tr>
<td>ENV 4341</td>
<td>Solid and Hazardous Waste Engineering</td>
</tr>
<tr>
<td>GEO 4300</td>
<td>Biogeography</td>
</tr>
<tr>
<td>GEO 4930</td>
<td>Special Topics in Geography (Note: content varies and not all GEO 4930 courses will count as Natural Science Electives)</td>
</tr>
<tr>
<td>GLY 1892</td>
<td>Environmental Issues in Geology</td>
</tr>
<tr>
<td>GLY 2010C</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GLY 4700C</td>
<td>Geomorphology</td>
</tr>
<tr>
<td>GLY 4820</td>
<td>Principles of Hydrology</td>
</tr>
<tr>
<td>ISC 2003</td>
<td>Global Change, Its Scientific and Human Dimensions</td>
</tr>
<tr>
<td>MET 2101</td>
<td>Physical Climatology</td>
</tr>
<tr>
<td>MET 2502C</td>
<td>Weather Analysis and Forecasting</td>
</tr>
<tr>
<td>MET 2700</td>
<td>General Meteorology</td>
</tr>
<tr>
<td>MET 3300</td>
<td>Introduction to Atmospheric Dynamics</td>
</tr>
<tr>
<td>OCE 4011</td>
<td>Principles of Oceanography</td>
</tr>
<tr>
<td>OCE 4017</td>
<td>Current Issues in Environmental Science</td>
</tr>
<tr>
<td>OCE 4930</td>
<td>Studies in Oceanography (subjects vary)</td>
</tr>
<tr>
<td>PCB 3043</td>
<td>General Ecology</td>
</tr>
<tr>
<td>URP 4401</td>
<td>Coastal Ecosystems and Management</td>
</tr>
</tbody>
</table>

### III. Social Science Electives: three of the following courses (total nine [9] credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECP 3113</td>
<td>Economics of Population</td>
</tr>
<tr>
<td>ECP 3302</td>
<td>Economics of Natural Resources, Energy, and the Environment</td>
</tr>
<tr>
<td>ECP 3322</td>
<td>Economics of Living Marine Resources</td>
</tr>
<tr>
<td>GEO 3502</td>
<td>Economic Geography (previously GEO 3540)</td>
</tr>
<tr>
<td>GEO 4340</td>
<td>Living in a Hazardous Environment</td>
</tr>
<tr>
<td>GEO 4357</td>
<td>Environmental Conflict and Economic Development</td>
</tr>
<tr>
<td>GEO 4372</td>
<td>Natural Resources</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 4930</td>
<td>Special Topics in Geography (Note: content varies and not all GEO 4930 courses will count as Natural Science Electives)</td>
</tr>
<tr>
<td>HIS 4930</td>
<td>US Environmental History</td>
</tr>
<tr>
<td>PAD 3003</td>
<td>Public Administration in American Society</td>
</tr>
<tr>
<td>PAD 4603</td>
<td>Administrative Law</td>
</tr>
<tr>
<td>PUP 3002</td>
<td>Introduction to Public Policy</td>
</tr>
<tr>
<td>PUP 4203</td>
<td>Environmental Politics and Policy</td>
</tr>
<tr>
<td>SYD 3012</td>
<td>Population and Development in Florida</td>
</tr>
<tr>
<td>SYD 3020</td>
<td>Population and Society</td>
</tr>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development</td>
</tr>
<tr>
<td>URP 4022</td>
<td>Collective Decision Making</td>
</tr>
<tr>
<td>URP 4314</td>
<td>Growth Management and Comprehensive Planning</td>
</tr>
<tr>
<td>URP 4402</td>
<td>Sustainable Development Planning in the Americas</td>
</tr>
<tr>
<td>URP 4423</td>
<td>Environmental Planning and Resource Management</td>
</tr>
<tr>
<td>URP 4710</td>
<td>Transportation Planning</td>
</tr>
<tr>
<td>URP 4936</td>
<td>Special Topics in Planning (subjects vary)</td>
</tr>
</tbody>
</table>

### IV. Methods Electives: two of the following courses (total six [6] credit hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 4611</td>
<td>Environmental Impact Analysis</td>
</tr>
<tr>
<td>GEO 4114</td>
<td>Environmental Field Methods</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 4006</td>
<td>Computer Cartography</td>
</tr>
<tr>
<td>GIS 4043</td>
<td>Geographic Information Systems</td>
</tr>
<tr>
<td>GIS 4035</td>
<td>Remote Sensing</td>
</tr>
<tr>
<td>STA 3024</td>
<td>Intermediate Applied Statistics</td>
</tr>
<tr>
<td>SYA 4300</td>
<td>Social Research Methods</td>
</tr>
</tbody>
</table>

### Minor in Environmental Studies

A minor in environmental studies consists of twenty-three semester hours, including Group I (total of semester hours) and one course each from Groups II, III, and IV (total of nine semester hours). 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 seven credits total) may be applied to both the major and the minor.

For more information, contact Dr. Dan Klooster, Undergraduate Adviser, Department of Geography, 318 Bellamy, (850) 644-8382 or dkloostre@fsu.edu, or visit the department’s Web site at [http://www.fsu.edu/~geog](http://www.fsu.edu/~geog).

### Graduate Programs

Graduate programs are available leading to the Master of Arts (MA), the Master of Science (MS), the Applied 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, environmental management, or social systems analysis.

Undergraduates contemplating a graduate degree in geography should take the Graduate Record Examination prior to submitting an application. Interested students should contact the Graduate Adviser, Dr. Tony Stallins, (850) 644-8385, or jastallins@mail.fsu.edu.

### Definition of Prefixes

- **GEA**—Geography: Regional Areas
- **GEO**—Geography: Systemic
- **GIS**—Geographic Information Systems

### Undergraduate Courses

**GEA 1000. World Geography (3).** A regional survey of the human occupation of the face of the earth, local cultures, political systems, and development problems.

**GEA 2210. United States and Canada (3).** The physical diversity and the cultural and political patterns of North America.

**GEA 2270. Florida (3).** The physical, social, and economic geography of the state, including growth and environmental issues.

**GEA 3173. Third World in Film (3).** Weekly feature films are used to investigate how the Third World is constructed as a distinct region; how its geography has influenced its history, cultural systems, and development prospects; and how residents have attempted to redefine the concept of “development.”

**GEA 3563. The Mediterranean (3).** This course analyzes the Mediterranean region as a unified totality (southern Europe and North Africa), focusing on historical changes that underpin current geography.

**GEA 4405. Latin America (3).** The contemporary Latin American landscape, its historical, cultural, political, and economic priorities.

**GEA 4500. Europe (3).** Europe’s terrain, variety of cultures, economies, and recent trends toward unity.

**GEA 4520. Britain and Ireland (3).** The physical and human geography of the United Kingdom and Ireland.

**GEA 4554. Russia and Southern Eurasia (3).** The peoples, cultures, and places of the former Soviet Union. Discusses the region’s natural environment, historical development, and contemporary politics.

**GEO 1330. Environmental Science (3).** The causes of local and global environmental problems and their impacts, including resource use, pollution, ecosystems, and population growth.

**GEO 1400. Human Geography (3).** 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 forum 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. Those topics are impacted by social forces, economic dynamics, and government decisions around the world. May be repeated to a maximum of two (2) hours.

**GEO 2200C. Physical Geography (3).** An overview of Earth-sun relations, weather, climate, landforms, water systems, soils, and vegetation.

**GEO 3423. Sports Geography (3).** Geographical basis of sports at different spatial scales, including locational strategies of franchises, recruiting patterns, and the urban political economy of professional sports arenas.
### Graduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 5195r</td>
<td>Advanced Area Studies (3).</td>
</tr>
<tr>
<td>GEO 5658r</td>
<td>Survey of Geographic Thought (3).</td>
</tr>
<tr>
<td>GEO 5115</td>
<td>Environmental Field Methods (3).</td>
</tr>
<tr>
<td>GEO 5118C</td>
<td>Introduction to Geographical Research (3).</td>
</tr>
<tr>
<td>GEO 5165C</td>
<td>Quantitative Geography (3).</td>
</tr>
<tr>
<td>GEO 5305</td>
<td>Biogeography (3).</td>
</tr>
<tr>
<td>GEO 5345</td>
<td>Disaster Preparedness and Hazards Mitigation (3).</td>
</tr>
<tr>
<td>GEO 5358</td>
<td>Environmental Conflict and Economic Development (3).</td>
</tr>
<tr>
<td>GEO 5377</td>
<td>Natural Resource Assessment and Analysis (3).</td>
</tr>
<tr>
<td>GEO 5414</td>
<td>Geospatial Data and Analysis (3).</td>
</tr>
<tr>
<td>GEO 5417</td>
<td>Race and Place (3).</td>
</tr>
<tr>
<td>GEO 5425</td>
<td>Cultural Geography (3).</td>
</tr>
<tr>
<td>GEO 5472</td>
<td>Political Geography (3).</td>
</tr>
<tr>
<td>GEO 5545</td>
<td>Advanced Economic Geography (3).</td>
</tr>
<tr>
<td>GEO 5555</td>
<td>World Systems Theory (3).</td>
</tr>
<tr>
<td>GEO 5705</td>
<td>Communications Geography (3).</td>
</tr>
<tr>
<td>GEO 5908r</td>
<td>Directed Individual Study (1–6). (S/U grade only.)</td>
</tr>
<tr>
<td>GEO 5918r</td>
<td>Supervised Research (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>GEO 5934r</td>
<td>Seminar in Current Topics (1–3).</td>
</tr>
<tr>
<td>GEO 5947r</td>
<td>Supervised Teaching (1–3). (S/U grade only.)</td>
</tr>
<tr>
<td>GIS 5034</td>
<td>Introduction to Remote Sensing (3).</td>
</tr>
<tr>
<td>GIS 5034L</td>
<td>Introduction to Remote Sensing Lab (1).</td>
</tr>
<tr>
<td>GIS 5038C</td>
<td>Advanced Remote Sensing (3).</td>
</tr>
<tr>
<td>GIS 5100</td>
<td>Advanced Geographic Information Systems (3).</td>
</tr>
<tr>
<td>GIS 5101</td>
<td>Geographic Information Processing and Systems (3).</td>
</tr>
<tr>
<td>GIS 5106</td>
<td>Advanced Geographic Information Science (3).</td>
</tr>
<tr>
<td>GIS 5111</td>
<td>Spatial Modeling in Geographic Information Science (3).</td>
</tr>
<tr>
<td>GIS 5131</td>
<td>Geographic Visualization (3).</td>
</tr>
<tr>
<td>GIS 5305</td>
<td>Geographic Information Systems for Environmental Analysis and Modeling (3).</td>
</tr>
<tr>
<td>GIS 5400</td>
<td>Geographical Information Systems Applications in Social Sciences (3).</td>
</tr>
</tbody>
</table>

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

---
The Department of GEOLOGICAL SCIENCES

COLLEGE OF ARTS AND SCIENCES

Chair: A. Leroy Odom; Professors: Dudley, Hu, Odom, Salters, Tull, Wise; Associate Professors: Donoghue, Humayun, Kish, Parker, Wang; Assistant Professors: Georgen, Ye; Professors Emeriti: Cowart, DeVore, Loper

The Department of Geological Sciences offers undergraduate work for both majors and minors leading to the Bachelor of Science (BS) degree. Emphasis is on fundamental applications of chemistry, physics, biology, and the scientific method in the study of the earth; field experience is also stressed. Faculty members offer course work in areas such as surficial, tectonic, and stratigraphic geology and geochemistry.

The major program is intended to provide a well-rounded introduction to the study of the earth as well as to prepare the student for more advanced study in the fields of natural resources, environmental planning, oceanography, geophysics, and other earth science specialties.

Various scholarships are offered (and part-time work is available) within the Department of Geological Sciences, with the Florida Geological Survey of the Florida Department of Environmental Protection (located next door), and with other agencies of the state and federal governments.

Honors in the major can be earned by talented juniors and seniors by engaging in an independent project ending in an honors thesis. For requirements and other information, see the "University Honors Office and Honor Societies" chapter of this General Bulletin.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in geological sciences satisfy this requirement by earning a grade of "C"– or higher in CGS 2060 or CGS 2064.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageld=060304 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. CHM X045/X045L or CHM X040 and CHM X041 or CHM X045C or CHM X045E
2. CHM X046/X046L or CHM X046C or CHM X046E
3. GLY X010C
4. MAC X311
5. PHY X048C or PHY X048/X048L

Note: The choice of physics sequence depends on the area of geology specialization. Contact the department for details

6. PHY X049C or PHY X049/X049L

Note: The choice of physics sequence depends on the area of geology specialization. Contact the department for details.

7. PHY X053C

Note: The choice of physics sequence depends on the area of geology specialization. Contact the department for details.

8. PHY X054C

9. XXX XXXX: one (1) course in historical geology is strongly recommended

Requirements

Please review all college-wide degree requirements summarized in the "College of Arts and Sciences" chapter of this General Bulletin.

Major

A minimum of thirty-eight semester hours of geology, as specified below and including an elective course chosen from among senior-level and graduate-level geology courses. A major will also include one year each of chemistry with labs, physics and labs, and calculus. No geology or required chemistry, physics, or mathematics course with a grade below "C–" will apply. Based on the recommended series of chemistry, physics, and calculus courses, a candidate for the degree of Bachelor of Science (BS) in geology is required to successfully complete the following courses in addition to other coursework required by the College of Arts and Sciences:

MAC 2311 Calculus with Analytic Geometry I (4)
MAC 2312 Calculus with Analytic Geometry II (4)
CHM 1045 General Chemistry I (3)
CHM 1045L General Chemistry I Laboratory (1)
CHM 1046 General Chemistry II (3)
CHM 1046L General Chemistry II Laboratory (2)
PHY 2048C General Physics A with Laboratory (5)
PHY 2049C General Physics B with Laboratory (5)
GLY 2010C Physical Geology (4)
GLY 2100 Historical Geology (3)
GLY 2100L Historical Geology Laboratory (1)
GLY 3200C Mineralogy and Crystallography (3)
GLY 3220C Optical Mineralogy (2)
GLY 3310C Igneous and Metamorphic Petrology (3)
GLY 3340C Sedimentary Petrography (2)
GLY 3400C Structural Geology (4)
GLY 3610C Paleontology (4)
GLY 4511 Principles of Stratigraphy (3)
GLY 4750 Geological Field Methods (1)
GLY 4790 Field Course (6)
GLY 4XXX Geological Elective (2)

GLY 4790 requires the expenditure of approximately $1,400 by each student to cover the cost of travel and subsistence in the field. This amount excludes tuition. Students are expected to participate in field assignments that may require occasional physically strenuous effort.

It is recommended that students intending to transfer to Florida State University for their junior and senior years' work in geology complete one year of college chemistry before transferring in order to avoid delays in their program of studies.

Minor

The required chemistry-mathematics combination may constitute a minor, or the student may select any other approved minor.

Requirements for a Minor in Geological Sciences

A minor in geological sciences requires a minimum of twelve semester hours, including: GLY 1000 and GLY 1000L or GLY 2010C; GLY 2100; GLY2100L. At least four semester hours must be at the GLY 3000 level or above.

Definition of Prefixes

ESC—Earth Science
GLY—Geology

Undergraduate Courses

ESC 2200C. Earth Science for EC/EE Teachers (4)
ISC 2937. Natural Science Honors Seminar (3)
ISC 3121. Science, Technology, and Society (3)
SCE 4939r. Seminar in Contemporary Science, Mathematics, and Science Education (1).

Note: For complete descriptions of the above courses, see listings within the appropriate departmental chapters of this General Bulletin.

GLY 1000. Dynamic Earth (3). Introduction to geology as the study of planet Earth, its internal dynamics, and its surficial weathering, erosion, and sedimentary processes. Course credit may not be received for this course and also GLY 1030 or 2010C.

GLY 1000L. Dynamic Earth Laboratory (1). Prerequisite or corequisite: GLY 1000 or GLY 1030. Laboratory study of minerals, rocks, maps.

GLY 1030. Environmental Issues in Geology (3). Environmental issues as they relate to geological phenomena, which include volcanic and earthquake hazards, resource and land-use planning, air and water pollution, waste disposal, glaciation and sea-level change, landslides, flooding, shoreline erosion, and global change issues. Course credit may not be received for this course and also GLY 1000 or 2010C. Credit can be received for taking GLY 1000L.
GLY 1042. Planetary Geology (3). Introduction to the basic geological processes that apply to the planets and moons of 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, freshwater and drought, groundwater, patterns of water use, threats to water quality, the effects of global climate change on future water supplies, and water issues facing the state of Florida.

GLY 1102. Dinosaurs and Disasters on an Evolving Earth (3). History of Earth and its organisms as recorded in the fossil and rock record; principles of geological and paleontological research; evolution of the dinosaurs, mass extinctions, and effects of past continental movements on the diversity of life. Course credit may not be received for this course and also GLY 2100. GLY 2100L recommended.

GLY 2010C. Physical Geology (4). For majors in geology and natural sciences. Two (2) hour laboratory required. Introduction to surficial and internal processes affecting a dynamic Earth. Course credit may not be received for this course and also GLY 1000 or GLY 1030.

GLY 2022C. Geology for Pre-service and In-service Teachers (4). Introduction to geology with emphasis on adapting techniques, skills, and technologies learned in classes/labs for use in the secondary/elementary classroom. Topics include environmental geology, planetary geology, plate tectonics, earthquakes, volcanism, natural resources, the geology of Florida, plus the evolution of the planet and life on it.

GLY 2100. Historical Geology (3). History of Earth and introduction to the fossil record. Course credit may not be received for this course and also GLY 1102.

GLY 2100L. Historical Geology Laboratory (1). Prerequisite or corequisite: GLY 1102 or GLY 2100. Laboratory study of the physical and biological evidence for the known history of the earth.

GLY 3200C. Mineralogy and Crystallography (3). Prerequisite or corequisite: Chemistry 1001, and GLY 3200 and physical geology. Three (3) hour laboratory required. Introduction to mineralogy, crystal chemistry, and crystallography.

GLY 3220C. Optical Mineralogy (2). Corequisite: GLY 3200C. Three (3) hour laboratory required. The optical properties of crystals and mineral identification by use of the polarizing microscope.

GLY 3310C. Igneous and Metamorphic Petrology (3). Prerequisite: GLY 3220C. Three (3) hour laboratory required. Classification, description, and origin of igneous and metamorphic rocks; relation of these rocks to tectonic processes.

GLY 3340C. Sedimentary Petrography (2). Prerequisite: GLY 3220C. Survey of sedimentary rock types, principles of description and classification, sediment genesis and transport, distribution and origin of sedimentary deposits.


GLY 3610C. Paleontology (4). Prerequisites: GLY 2100, 2100L. 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. Crystal chemistry of silicate minerals; chemical principles applied to igneous, metamorphic, and sedimentary environments and processes; chemistry of natural aqueous systems; chemical equilibria of geologic systems.

GLY 4451. Introduction to Geophysics (3). Prerequisites: MAP 2302 and PHY 2049 or instructor permission. Plate tectonics and earth structure. Current methods of probing the interior: seismology and seismic tomography, geodynamics, geod and gravity, geochemistry and geology, heat flow, mantle convection, core convection and the geodynamo.

GLY 4511. Principles of Stratigraphy (3). Prerequisite: GLY 3340C. Analysis and synthesis of stratigraphic sequences. Depositional systems; physical and biostatigraph; geochronology and chronostratigraphy; magnetic, seismic, and sequence stratigraphy; tectonic vs. climatic controls. Term paper required.

GLY 4551. Sedimentology (2). Prerequisite: GLY 3200C. Study of modern and ancient sedimentary deposits, measurement of sediment parameters, analysis of sediment transport modes, classification of sediments and sedimentary rocks, statistical reduction of sedimentologic data. May be taken separately, but students concentrating in sedimentology should take GLY 4551L concurrently with 4551.

GLY 4551L. Laboratory Methods in Sedimentology (1). Laboratory in standard sedimentologic methods, including textual analysis, heavy mineral separation and identification, carbonate staining, X-ray diffractometry, and statistical reduction of sedimentologic data. May be taken separately, but students concentrating in sedimentology should take GLY 4551L concurrently with 4551.

GLY 4700C. Geomorphology (3). Prerequisite: Senior standing. An introduction to the description of landforms and landscapes on Earth's surface. Emphasis is placed on the basic mechanisms that govern landform evolution, and on the history of geomorphic development. Several field trips are required.

GLY 4730. Marine Geology (3). Shoreline, shelf, and deep ocean processes; marine sediment types, and the environmental history of water plate tectonics; origin of the ocean, plate tectonics, oceanography; marine mineral resources. Includes research methods course for familiarization with marine geologic sampling and sensing devices. Credit received for GLY 4730 precludes credit being received for GLY 5736 or OGC 5050.

GLY 4750. Geological Field Methods (1). (S/U grade only) Corequisite: GLY 3400C. Provides a working knowledge and some experience of techniques, procedures, and tools 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. Course covers an introduction to the study of the earth using photographic and electronic imaging acquired from aircraft and satellites; physics of the interaction between electromagnetic radiation and materials of Earth’s surface and hydrosphere; principles of electronic and microwave imaging; and use of digital image analysis and GIS in the study of earth resources and global change.

GLY 4780. Environmental Field Problems (4). Prerequisites: GLY 2010C, GLY 3200, or GLY 3231. This course emphasizes the use of field-related observations in the study of environmental problems. Fieldwork includes the study of soils, surface waters and groundwater, erosion and mass wasting, and the chemical contamination of soils and surface waters. Evaluation of student performance in the course is based upon a series of written reports.

GLY 4790. Field Course (6). Prerequisites: GLY 3400C and GLY 4750. Series of field problems based largely on exposures of strata and structures. Preparation of geological maps, sections, and reports. Six weeks in May and June.

GLY 4812C. Ore Deposits (3). Prerequisite: GLY 3310C and GLY 3400C. An introduction to the study of metallic ore deposits. Laboratory studies of ores using the reflected light microscope and chemical analysis of ore deposits.

GLY 4820. Principles of Hydrology (3). Prerequisites: CHM 1046 and PHY 2049C. Fundamentals of hydrogeology with an emphasis on groundwater flow and hydrochemistry. Both theory and applications are addressed.

GLY 4884. Environmental Geology (3). The application of geologic and geochemical principles to environmental issues. Topics include: an evaluation of contaminants in surface water; hydrocarbon geochemistry and petroleum storage tank problems; air quality issues including radon and asbestos; geologic hazards in urban and coastal areas; environmental geologic methods and instrumentation; quality assurance and quality control in environmental analysis; principles of toxicology; risk assessment and risk management; and environmental assessments.

GLY 4905r. Directed Individual Study (3). May be repeated to a maximum of nine (9) semester hours.

GLY 4915r. Undergraduate Research (2–8). (S/U grade only.) Projects in geological science arranged in advance between the student and a member of the teaching faculty of the department. May not be used to fulfill senior elective requirement. May be repeated to a maximum of eight (8) semester hours.

GLY 4917r. Senior Thesis (1). (S/U grade only.) Prerequisite: GLY 4915r. A written report and an oral presentation discussing research work done under GLY 4915r. The grade is assigned by a committee of three faculty members.

GLY 4989r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

ESC 5211r. Current Topics in Earth Science (3).
ESC 5215r. 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 5297r. Advanced Topics in Geochemistry (1–3).
GLY 5395r. Advanced Topics in Petrology (1–3).
GLY 5425. Tectonics (3).
GLY 5455. Introduction to Geophysics (3).
GLY 5465. Geomechanics (3).
GLY 5485. Advanced Topics in Geophysics (3).
GLY 5497r. Advanced Topics in Structural Geology (1–3).
GLY 5516. Stratigraphy and Sequence Analysis (3).
GLY 5556. Hydrodynamics (3).
GLY 5573. Fluvial Processes (3).
GLY 5575. Coastal Geology (3).
GLY 5576. Stratigraphy and Sediments of Transitional Marine Environments (3).
GLY 5577. Sedimentary Basin Analysis (3).
GLY 5595r. Advanced Topics in Sedimentation and Stratigraphy (1–3).
GLY 5624C. Introduction to Micropaleontology (3).
GLY 5625C. Advanced Micropaleontology (3).
GLY 5695r. Advanced Topics in Paleontology (1–3).
GLY 5696Cr. Mesozoic Planktonic Calcareous Nannofossils (4–8).
GLY 5697Cr. Cenozoic Planktonic Calcareous Nannofossils (4–8).
GLY 5736. Marine Geology (3).
GLY 5757C. Fundamentals of Remote Sensing, Air Photo Interpretation and GIS for the Earth Sciences (4).
GLY 5825. Physical Hydrology (3).
GLY 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 5906r. Directed Individual Study (3). (S/U grade only.)
GLY 5910r. Supervised Research (1–5). (S/U grade only.)
For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the *Graduate Bulletin*.

---

**GEOPHYSICAL FLUID DYNAMICS:**  
see *Graduate Bulletin*

**GERMAN:**  
see Modern Languages and Linguistics

**GERONTOLOGY:**  
see Aging and Public Policy, The Pepper Institute on

**GREEK:**  
see Classics

**GROWTH MANAGEMENT AND COMPREHENSIVE PLANNING:**  
see Urban and Regional Planning

**HEALTH EDUCATION:**  
see Middle and Secondary Education
HEALTH–RELATED PROGRAMS
Numerous health-related programs at Florida State University address issues of prevention, treatment, rehabilitation, health sciences, and policy formulation. As part of an effort to develop and promote a coordinated plan for these programs, the following section lists and describes, by program/department, areas of study, services, degrees, and (in some instances) certification opportunities for students. For more detailed information and requirements, see individual program listings in this General Bulletin.

Pepper Institute on Aging and Public Policy
The Pepper Institute on Aging and Public Policy has a multidisciplinary focus and plays a coordinating and facilitative role for the work of all academic units with interests in aging and social policy. The Institute offers a twelve (12) semester hour Certificate in Aging Studies that may be completed by undergraduate or graduate students as part of their regular course of study. The program promotes several courses in health care policy, adult development and aging, and health care delivery systems. The Institute also offers an undergraduate minor in aging studies. The resources of the Institute are used to support individual or collaborative research initiatives by providing technical assistance or a location for conducting research. The Institute facilitates and disseminates research information; provides opportunities for training and study; and sponsors conferences, public lectures, workshops, and symposia to promote the discussion of issues germane to the aging process and to share information with policy makers, professionals, and the community about the elderly and aging issues. The Institute also sponsors a large, lifelong learning educational program for mature adults, The Osher Institute for Lifelong Learning at Florida State University. For Information, contact Gayla Kittendorf at lgessner@fsu.edu or (850) 644-8829.

Department of Communication Disorders
The Department of Communication Disorders has a major in communication sciences and disorders and offers Bachelor’s, Master’s, Advanced Master’s, and Doctoral degrees. The scope of the department includes the whole of human communication, both normal and disordered. Students learn the total processes of communication, develop analytical and communicative skills, and obtain experience in evaluation, treatment, and research. For information contact the department at (850) 644-2253 or visit the department Web site at http://comm.fsu.edu/ComnDixDept/.

The Department of Communication Disorders administers the interdepartmental certificate program in developmental disabilities. The purpose of this program is to provide upper-division undergraduate students from a variety of disciplines with knowledge regarding etiology, assessment, treatment, and policy issues related to individuals with developmental disabilities and their families. Students seeking certification must complete nine 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 disorders; family and child sciences; middle and secondary education; music education/therapy; nursing; nutrition, food, and exercise sciences; physical education; psychology; social work; and childhood education, reading, and disability services. For information, contact Linda Gessner at lgessner@fsu.edu or (850) 644-9141.

Interdisciplinary Social/Health Sciences
The College of Social Science offers an interdisciplinary master’s degree: the Master of Public Health (MPH). MPH graduates are trained principally as health policy analysts. They obtain a rich background in epidemiology, health economics, health behavior, health administration, health policy and policy analysis, and statistical and qualitative analytical skills. The skills and knowledge gained may lead to careers in government agencies, legislative staff positions, health care provider organizations, consulting firms, think tanks, advocacy organizations and lobbying firms, international organizations focused on health and population issues, and academic or media positions.
For further information, please contact the Interdisciplinary Programs Office in the College of Social Sciences and Public Policy, 211 BEL, (850) 644-4418, or see http://www.coss.fsu.edu/publichealth.

College of Nursing
The College of Nursing offers a Bachelor’s and a Master’s degree program. The mission of the College of Nursing is to develop nursing leaders for professional practice and research in diverse settings. A separate Registered Nurse (RN) to Bachelor of Science in Nursing (BSN) completion program, leading to a baccalaureate degree or directly into the master’s program, is available at the Tallahassee main campus, Panama City branch campus, or fully online throughout the state of Florida. Information regarding undergraduate programs is available from the Office of Student Services at (850) 644-3296. Graduates of the baccalaureate program are prepared for beginning levels of professional practice in a variety of settings. Graduates of the master’s program are prepared for advanced professional positions. The student completing a thesis or project receives a Master of Science in Nursing (MSN) degree. For specific information about each role specialty, contact the graduate program at (850) 644-5638.

Department of Nutrition, Food, and Exercise Sciences
The Department of Nutrition, Food and Exercise Sciences provides students with a solid foundation in the scientific aspects of nutrition, foods, and health-related physical fitness through its Bachelor, Master’s, and Doctoral programs. Students are provided with in-depth study of the role that nutrition and physical activity play both in health and, in particular, the prevention of chronic disease. Any of the majors in the department may be used as pre-medical programs with inclusion of specific electives. For more information concerning pre-medical programs, contact the College of Medicine Pre-health Professions Advising Office at medinformation@med.fsu.edu or at (850) 644-5638.

Students pursuing a degree in exercise science combine their study of nutrient metabolism, chemistry, and physiology with courses in exercise physiology and health taught by the department faculty.

The dietetics major, particularly if followed up by an accredited dietetic internship, prepares students to apply their expertise in nutrition science and food service management in a variety of employment settings such as hospitals, HMO’s, sports nutrition and corporate wellness programs, business and industry, public health, education, research, and private practice.

The food and nutrition science major has a strong science base and prepares students for employment in the food industry, government agencies, and graduate health programs.

The 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; management of injury and illness; assessment and evaluation; acute care of injury and illness; pharmacology; therapeutic modalities; therapeutic exercise; general medical conditions and disabilities; nutritional aspects of injury and illness; psychosocial intervention and referral; health care administration; and professional development and responsibilities. Through a combination of formal classroom instruction and clinical experience, the athletic trainer is prepared to apply a wide variety of specific health care skills and knowledge within each of the domains.

Students at the master’s level may elect the thesis or non-thesis option in one of six areas of emphasis: nutrition science, food science, clinical nutrition, nutrition education/health promotion, sports nutrition, or exercise physiology. Four areas of specialization exist at the doctoral level: exercise physiology, food science, nutrition, and neuroscience. Doctoral graduates continue to be recruited for traditional University teaching and research positions and many in the food sciences are hired by industry to research and develop new food products.

College of Social Work
The 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.

HEALTH SERVICES ADMINISTRATION AND POLICY:
see Graduate Bulletin

HEBREW:
see Religion

HIGHER EDUCATION:
see Educational Leadership and Policy Studies
Department of HISTORY

COLLEGE OF ARTS AND SCIENCES

Chair: Elena Green; Associate Chair (Graduate Studies): Creswell; Associate Chair (Undergraduate Studies): Grant; Professors: Blaufarb, Doel, Gellately, Grant, Gray, Green, J. Jones, M. Jones, Munsonville, McMahon, Oldson, Wyno; Associate Professors: Creswell, Davis, Garretson, Hadden, Herrera, Liebeskind, Sinke, Stoltzfus; Assistant Professors: Hanley, Harper, Koslow, Mizelle, Schmidt, Serna, Uprichard; Professors Emeriti: Anderson, Bartlett, Betten, Bryant, Conner, Horward, Keuchel Moore, Richardson, Ripley, Rogers, Rubanowice, Singh, Strait, Turner

History is a liberal discipline that enables students to put their lives in the contemporary world in a broad and meaningful context. It encompasses all aspects of human development chronologically, from ancient times to the present, and topically, in all areas of human interest.

An undergraduate degree in history prepares a student for vocations that require skills in critical thinking and ability in written and oral expression. Combined with certification requirements for social sciences, it can lead to a teaching career in middle or high school. It is an excellent preparation for graduate school or law school and is also desirable for those seeking positions in government or business who require a broad, liberal education rather than technical training.

The department participates in the undergraduate programs in American and Florida studies, Asian studies, humanities, international affairs, Latin American and Caribbean studies, Russian and East European studies, and in the honors in the major program.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in history satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, or EME 2040.

State of Florida Common 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/navigation/detail_ext/cpp Schroer.do?pageId=060304 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 LAH XXXX or WOH XXXX and AFH XXXX or AMH XXXX or EUH XXXX or LAH XXXX or WOH XXXX: two introductory history courses for six credit hours

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 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.

Honors in the Major

Honors work in the major is offered to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin and the associate chairman for undergraduate studies in history.

Certification in Social Science Education with History Concentration

All undergraduates interested in certification in social science education should take the core courses as part of their liberal studies requirements; therefore, they are urged to consult an adviser in the College of Education as early as possible. Students seeking certification must also apply for admission to teacher education. Application forms are obtained from the College of Education’s office of student services. A student should have and maintain a 2.75 overall GPA in all courses to be eligible.

Requirements for a Minor in History

Twelve 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 will examine, both chronologically and thematically, the experiences of African-Americans in the United States and their role in shaping the nation's history. Course will not count as credit toward the history major.

AMH 2010. A History of the United States (3). A survey of United States history with emphasis on social, economic, and political issues up through the Civil War. May not be taken by students with test credit in American history.

AMH 2090. A History of the United States (3). A survey of the United States from the end of the Civil War to the present with emphasis on social, economic, and political problems of the 20th century. May not be taken by students with test credit in American history.

AMH 2095. The American Indians and the United States (3). Course surveys American Indian relations with the people and the government of the United States, beginning in the 1760s and continuing to the present. 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 will also be exposed to the Indian perspective on familiar historical events such as the Civil War, the New Deal, and the 1960s. Course will not count as credit toward the history major.

AMH 2096. Black Women in America (3). This course will examine (using both a chronological and thematical approach) the history and experiences of the African-American woman in the United States and the role that black women have played in shaping this nation's history. Course will not count as credit toward the history major.

AMH 2097. Nationality, Race, and Ethnicity in the United States (3). The history of immigration to the United States. Includes the evolution of ethnic cultures and the role of race, recreation, assimilation, and the conflict from colonial times to the present. Course will 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 is an introductory course on Middle Eastern history and culture with a considerable emphasis on the impact of religion: Christianity, Judaism, and Islam. The primary emphasis of the course will be to understand the historical and cultural background of the major problems facing the Middle East today. Course will not count as credit toward the history major.

ASH 3100. History of Asia (3). This course is an introduction to political, cultural, and economic Asian history 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 patterns of thinking and on those institutions most distinctive for the Western tradition. Students who have previous college credit in Western civilization courses covering the same general 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 3300. 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 within Britain and to Britain's foreign affairs.

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). A cross-cultural history of Latin America focusing on women, Native Americans, African-Americans, mestizos, and multitudes in historical context. Course will not count as credit toward the history major.

WOH 1023. The Modern World to 1815 (3). This liberal studies course deals with the origins and development of political, economic, social, and intellectual antecedents of the modern world from the fall of the Roman Empire 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.
AMH 4172. The Civil War Era (3). In-depth study of the 20 years from 1845 to 1865. Emphasis will be placed on the coming of the Civil War, the secession crisis, and on both the military and non-military aspects of the war. Topics will include the causes of the war, the experiences of soldiers on both sides, the impact of the war on the economy, and the effects of the war on American society.

AMH 4173. Post-Civil War America, 1865–1890 (3). Analysis of post-Civil War America with emphasis on the black role in American society and the attempt to heal the wounds of the Civil War. Other topics include the rise of big business, labor unions, and the last frontier.

AMH 4220. U.S. Progressive Era, 1890–1920 (3). This course will include a study of the development of domestic and foreign policy, the revolution of social thought, and the paradoxical path of reform in urbanized, industrial America. It will devote special attention to the nation’s effort to accommodate old values with the new realities.

AMH 4231. The United States, 1920–1945: Prosperity, Depression, and World War II (3). A general course in United States history from 1920 through 1945, i.e., a study of political, economic, diplomatic, military, social, and cultural/intellectual developments during that period.

AMH 4270. The United States Since 1945 (3). This course focuses on the political, social, and cultural issues faced by the United States during the period of the Cold War (1945 to 1988). Special attention is given to postwar affluence, suburban America, the mass society, the movement from isolationism to interventionism, McCarthyism, the civil rights movement, social conflict in the 1960s, and the rise of postwar conservatism.

AMH 4273. America in the 1960s (3). Examines selective aspects of the era known as “the sixties.” Spanning two decades, it starts in 1954 with the decision to integrate America’s schools as a flash point for the civil rights struggle, and it concludes in 1974 with Richard Nixon’s resignation, the final statement in the Watergate affair. During those years of intense and accelerated change, civil rights, women’s power, the Vietnam War, radical politics, and the counter culture divided the country so passionately that at times it appeared as though the nation might come apart.

AMH 4331. U.S. Intellectual History I: Beginning to 1880 (3). An interdisciplinary study of American thought from the Puritans to the late 19th century, asking, among other questions, what mission America assigned to itself. Among the ideas examined will be Puritanism, the Revolutionary ideology, federalism, the American Enlightenment, romanticism, individualism, and manifest destiny.

AMH 4332. U.S. Intellectual History II: 1880 to the Present (3). An interdisciplinary study of the impact on American thought of social Darwinism, industrialism, naturalism, the consumption of culture, radicalism, anti-communism, post-industrialism, and affluence. Examines the growth of cultural criticism as a task required of the 20th-century intellectual.

AMH 4402. The Old South (3). A study of the social and economic development of the Southern states from settlement by Europeans to the end of the Civil War with emphasis on the rise of slavery and the Kingdom and the causes of secession.

AMH 4403. The South Since 1865 (3). This course views the South both as a distinct region and as an area gradually coming back into “regular” American life after the Civil War. The unique problems of adjusting to defeat, the revolution in the labor system, and troubled race relations are considered.

AMH 4423. History of Florida from 1821 to the Present (3). A history of Florida from the period of its acquisition from Spain in 1821 until the present. The various “periods” in the state’s past are discussed with major attention given to the period 1920 to the present—the period of greatest growth.

AMH 4463. Urban America Since 1879 (3). The development of American cities and the attempts to deal with changing urban problems from 1879 to the present.

AMH 4511. Twentieth-Century United States Foreign Relations (3). The focus in this course is on the responsibilities of global power and how American foreign policy changed to meet rapidly altering circumstances.

AMH 4530. U.S. Immigration History (3). This course explores the histories of different immigrant and migrant groups and how they have shaped and been shaped by the United States.

AMH 4533. American Legal History I (3). Surveys the history of the U. S. Constitution up to 1800, including the British background, the first state constitutions, the Articles of Confederation, the Constitutional Convention, ratification debates, and first use of the Constitution in the 1790s. It concludes with the first major controversies faced by the founders, issues that the Constitution did not resolve for them easily. The course is not about constitutional interpretation or theories applied by the current Supreme Court.

AMH 4544. American Legal History II (3). This course surveys the history of both the U.S. Constitution and American law in the 19th century. Topics include the Marshall Court, slave law and the Dred Scott decision, the impact of the Civil War and Reconstruction on the law, and the effects of industrialization on American law. The course is not about constitutional interpretation or theories applied by the current Supreme Court.

AMH 4561. Women in 19th-Century America (3). This course examines the experiences of women in 19th-century America, focusing upon the ways gender, race, ethnicity, class, religion, and region interacted to shape women’s lives. Examines women’s family, work, social, and political roles. Also examines women’s contributions and quest for equality.

AMH 4562. Women in Modern America (3). This course examines the experiences and contributions of women in 20th-century America, with particular attention to the forces that served to differentiate the opportunities and roles of women from those of their male peers.

AMH 4571. Black America to 1877 (3). This course begins with the African background of Black Americans and ends with the final curtailment of Reconstruction in 1877. Although some portions of the course are topical, cutting across chronological divisions, there will be a general chronological progression from colonial times to the end of Reconstruction.

AMH 4572. Black America Since 1877 (3). This course traces the social, economic, cultural, and political activities of African-Americans from Reconstruction through the Civil Rights Movement.

AMH 4585. History of the Seminole Indians (3). This course offers an ethnography of the Seminole Indians in Florida from prior to their formation, in the eighteenth century, to their survival and present political situation. The course focuses on the Indians themselves and their experiences, exposing students to the history of the Seminole’s culture, lifestyles, religions, economy, and tribal community.

AMH 4630. North American Environmental History (3). This course introduces the changing relationships between human beings and the natural world in America through time.

AMH 4634. Florida Environmental History (3). Applies the methods and approaches of environmental history to Florida, considering the changing relationships between human beings and the natural world through time. The field explores how nature has helped to shape culture as well as how humans have modified the natural world and transformed the land.

Asian History

ASH 3320r. Middle East Survey: An Interdisciplinary and Introductory Course (3-6). This course introduces majors in an interdisciplinary fashion to Middle Eastern studies with the overall background to the history, civilization, culture, and religion of the Middle East. The course covers the broad sweep of Middle Eastern history and culture and includes language, religion, urban and regional planning, and the contemporary Middle East. May be repeated to a maximum of six (6) semester hours.

ASH 4223. Modern Middle East (3). An examination of modern Middle Eastern history, focusing on the origins of recent problems in the imperialist era, the clash of political and cultural traditions, national rivalries, the impact of OPEC, the Palestinians, and the Iranian Revolution.

ASH 4261. Central Asia Since the Mongols (3). This course covers Central Asian history through the medieval and modern periods, with special emphasis on the political and ethnic histories of the Central Asian peoples.

ASH 4442. History of Modern Japan (3). An examination of the history of Japan from its emergence as a modern state in the mid-19th century, through its defeat in World War II, to its current position as a leading economic power. Focus is on political and social evolution, empire building, postwar reconstruction, and U.S.-Japan relations.

ASH 4520. Traditional India (3). This course deals with the history of India from antiquity to the 17th century. It puts special emphasis not only on the study of Indian religions such as Hinduism, Buddhism, Jainism, and Sikhism, but also on the roles played by various important ancient and medieval kings.

ASH 4550. Modern India (3). This course is an introduction to the history of India from the 18th century to the present. It deals in depth with the impact of British rule on India and the lives of modern South Asian leaders like Gandhi, Nehru, and Jinnah.

Classical History

Note: The following history courses are offered through the Department of Classics.


CLA 4437r. Studies in Greek History (3). Study of specified periods of Greek history, whether archaic, classical, or Hellenistic. May be repeated to a maximum of six (6) semester hours.

CLA 4447r. Studies in Roman History (3). Study of specified periods of Roman history in the Roman Republic. May be repeated to a maximum of six (6) semester hours.

CLA 4880. Roman Law (3). A survey of the principles and procedures of Roman law.


EUH 4401. Classical Athens and Sparta (3). History of Greece from the beginning to Alexander the Great. Emphasis on the social and political structures of Sparta and Athens.

EUH 4406. The Age of Alexander the Great (3). Study of the Greek world from the death of Socrates (399 B.C.) to the Roman conquest (146 B.C., the sack of Corinth by Mummius).

EUH 4412. The Roman Republic (3). Study of the history of Rome from its foundation (traditionally 753 B.C.) to the fall of the Roman Republic (31 B.C., The Battle of Actium).

EUH 4413. The Roman Empire (3). The Roman Empire from Augustus to Constantine. Emphasis on the evolution from the principate of the early empire to the monarchy of the late empire.

European History

EUH 3205. 19th-Century Europe: A Survey (3). European history from the close of the Napoleonic Wars to the turn of the century, a period in which Europe was at the height of its wealth and power. Particular attention will be paid to the major powers.

EUH 3206. 20th-Century Europe: A Survey (3). European history from the turn of the century through the two world wars. Particular attention will be paid to the major powers in this period when Europe declined to the dominant position.

EUH 2293. Twentieth-Century Europe Through Film (3). This course uses film in combination with texts to introduce questions about some of the main themes in 20th-century European history. The course uses film to explore the relationship between modernity and 20th-century Europe, particularly the changing relationship of individuals to state and society, and attitudes about ethnicity, class, and gender. Topics include the possibilities and limitations of the individual in mass society, paying particular attention to themes of heroism, despotism, war, and lifestyle values.
This course investigates the social, cultural, and political consequences. An introductory survey from the Inca character of Hitler's dictatorship, and the origins and course of WWII in its European context. Also examined is National Socialism's impact on German institutions and racial politics, as well as political development of the Polish nation in the 19th and 20th centuries. Although particular stress will be placed on internal history, appropriate attention will focus on Poland's role in international relations.

This course provides a survey of European history from c. 300 to c. 1150, from the origins of the medieval world in the Roman, Christian, and Germanic past through the gradual emergence of a distinctively European civilization to its first major period of expansion and accomplishment.

This course provides a survey of European history from the 18th century to the present. Major themes in social, political, and cultural changes in Western Europe.

An examination of the Protestant and Catholic Reformations. Dealing with the background of the Nazi regime, the character of Hitler's dictatorship, and the origins and course of WWII in its European context. Also examined is National Socialism's impact on German institutions and racial consequences.

An examination of the Protestant and Catholic Reformations. Dealing with the background of the Nazi regime, the character of Hitler's dictatorship, and the origins and course of WWII in its European context. Also examined is National Socialism's impact on German institutions and racial consequences.
American History

AMH 5116. Colonial American History to 1763 (4).
AMH 5139. Revolutionary America, 1760-1788 (4).
AMH 5149. Thomas Jefferson’s America (4).
AMH 5177. The Civil War Era (4).
AMH 5178. Post-Civil War, 1865–1890 (4).
AMH 5278. The United States Since 1945 (4).
AMH 5404. The Old South (4).
AMH 5405. The South Since 1865 (4).
AMH 5424. History of Florida from 1821 to the Present (4).
AMH 5469. Urban America Since 1870 (4).
AMH 5518. Twentieth-Century United States Foreign Relations (4).
AMH 5555. American Legal History I (4).
AMH 5556. American Legal History II (4).
AMH 5564. Women in Modern America (4).
AMH 5567. Women in 19th-Century America (4).
AMH 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).

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).
ASH 5559. Modern India (4).

Classical History

Note: The following history courses are offered by the Department of Classics.
CLA 5438r. Studies in Greek History (3).
CLA 5448r. Studies in Roman History (3).
CLA 5885. Roman Law (3).

European History

EUH 5125. The Crusades (4).
EUH 5127. Earlier Middle Ages (4).
EUH 5128. Later Middle Ages (4).
EUH 5146. The Renaissance (4).
EUH 5147. The Reformation (4).
EUH 5238. Rise of Nationalism (4).
EUH 5246. World War I: Europe, 1900–1918 (4).
EUH 5249. The Holocaust in Historical Perspective (4).
EUH 5285. Europe in the Cold War and Detente (4).
EUH 5338. History of East Central Europe, 1815 to the Present (4).
EUH 5365. The Balkans Since 1700 (4).
EUH 5467. Nazi Germany (4).
EUH 5508. England in the Middle Ages (4).
EUH 5509. Modern Britain Since c. 1870 (4).
EUH 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).
WOH 5226. The Worlds of Captain Cook (4).

Latin American History

LAH 5343. History of Mexico (4).
LAH 5475. History of the Caribbean (4).
LAH 5727. Race and Class in Colonial Latin America (4).
LAH 5749. Social Revolutionary Movements in Latin America (4).

Historical Administration

HIS 5077. Oral History (4).
HIS 5082. 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.)
HIS 6059. Historical Methods (4).
HIS 6087. Museum Studies and Practice (4).
HIS 6469. Historiography and Science (4).
HIS 6500. History of Life Sciences (4).
HIS 6639r. Directed Individual Study (1–4). (S/U grade only.)
HIS 6810r. Directed Individual Research (1–3). (S/U grade only.)
HIS 6934r. Special Topics in History (4).
HIS 6941r. Teaching History at the College Level (4).

Graduate Courses

African History


American History

AMH 5116. Colonial American History to 1763 (4).
AMH 5139. Revolutionary America, 1760-1788 (4).
AMH 5149. Thomas Jefferson’s America (4).
AMH 5177. The Civil War Era (4).
AMH 5178. Post-Civil War, 1865–1890 (4).
AMH 5278. The United States Since 1945 (4).
AMH 5404. The Old South (4).
AMH 5405. The South Since 1865 (4).
AMH 5424. History of Florida from 1821 to the Present (4).
AMH 5469. Urban America Since 1870 (4).
AMH 5518. Twentieth-Century United States Foreign Relations (4).
AMH 5555. American Legal History I (4).
AMH 5556. American Legal History II (4).
AMH 5564. Women in Modern America (4).
AMH 5567. Women in 19th-Century America (4).
AMH 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).
For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

HISTORY AND PHILOSOPHY OF EDUCATION:
see Educational Leadership and Policy Studies
Program in
HISTORY AND PHILOSOPHY OF SCIENCE

COLLEGE OF ARTS AND SCIENCES

Director: Michael Ruse

Florida State University offers a program in the history and philosophy of science, leading to an undergraduate minor or a Master’s degree. The focus of the program is on the biological sciences, although we welcome applications from potential students interested in other areas of science. We take very seriously the importance of working on topics of relevance to the society in which we live, and we are strongly committed to an interdisciplinary approach, with involved faculty drawn broadly from across the University, especially the humanities and the natural sciences.

As a major university, we are able to offer opportunities for study and research in topics of particular pertinence to our region, such as racial issues, conservation and problems of pollution, and clashes between science and religion. We also have major strengths in other areas, including logic and formal methods, social philosophy, intellectual and cultural history, history of the South, African-American history, ancient science and mathematics, 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) degree 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 Sarah Fisk in the History and Philosophy of Science Program at (850) 644-7248 or by email at sfisk@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.

Note: Additional prerequisites or corequisites for these courses may be required by the respective department in which they are offered. Please see the course listings found in the academic department sections of the current Graduate or Undergraduate General Bulletin at http://registrar.fsu.edu/bulletin/.

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 “scientific sex” (scientia sexualis) was predicated on the idea that, by nature, human beings have a “sexuality” that can be expressed or repressed. The course asks questions such as: 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 4260. Empiricism Before Science: Religion, Natural History, and Natural Philosophy (3). This course adopts a historiographical perspective and explores the idiosyncratic projects, socio-cultural contexts, and theological horizons of early modern natural philosophy and natural history. Topics draw on primary and secondary sources and include the role of “spirits” in corporeal philosophy and the place of “monsters” in the natural world.

Graduate Courses

HPS 5340. Freud and the Invention of the Modern Mind (3).

Additional prerequisites or corequisites for these courses may be required by the respective department in which they are offered. Please see the course listings found in the academic department sections of the current Graduate or Undergraduate General Bulletin at http://registrar.fsu.edu/bulletin/.

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 “scientific sex” (scientia sexualis) was predicated on the idea that, by nature, human beings have a “sexuality” that can be expressed or repressed. The course asks questions such as: 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 4260. Empiricism Before Science: Religion, Natural History, and Natural Philosophy (3). This course adopts a historiographical perspective and explores the idiosyncratic projects, socio-cultural contexts, and theological horizons of early modern natural philosophy and natural history. Topics draw on primary and secondary sources and include the role of “spirits” in corporeal philosophy and the place of “monsters” in the natural world.

Graduate Courses

HPS 5340. Freud and the Invention of the Modern Mind (3).

Additional prerequisites or corequisites for these courses may be required by the respective department in which they are offered. Please see the course listings found in the academic department sections of the current Graduate or Undergraduate General Bulletin at http://registrar.fsu.edu/bulletin/.

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 “scientific sex” (scientia sexualis) was predicated on the idea that, by nature, human beings have a “sexuality” that can be expressed or repressed. The course asks questions such as: 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 4260. Empiricism Before Science: Religion, Natural History, and Natural Philosophy (3). This course adopts a historiographical perspective and explores the idiosyncratic projects, socio-cultural contexts, and theological horizons of early modern natural philosophy and natural history. Topics draw on primary and secondary sources and include the role of “spirits” in corporeal philosophy and the place of “monsters” in the natural world.

Graduate Courses

HPS 5340. Freud and the Invention of the Modern Mind (3).
Dedman School of HOSPITALITY

COLLEGE OF BUSINESS

Director and Robert H. Dedman Professor: Jane Boyd Ohlin; Professors: Bonn, Bryner, Harris; Associate Professors: Kim, Ohlin; Associate in Hospitality: Lasford; Assistant in Hospitality: Farr, Koenigsberg; Cecil B. Day Professor of Lodging Management: Bryner; 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 manager will need. The curriculum is designed so that students must meet high standards of achievement in general education and must acquire not only the specialized knowledge needed for their hospitality industry careers, but also understand the basic functions, objectives, and tools of management that are common to executive roles.

The Dedman School of Hospitality is located in the South Building of the University Center, which provides for the specialized academic/training objectives established by the school. In addition to classrooms, this state-of-the-art facility provides hospitality students with teaching kitchens, a technology center, a publication resource center, and a placement center. The building also contains an affiliated 35,000 square-foot, professionally managed city club that provides hospitality students with real-world food and beverage experience in elegant surroundings.

The Dedman School of Hospitality also houses one of a select group of professional golf management (PGM) majors accredited by the Professional Golfers Association (PGA). The Don Veller Seminole Golf Course and the Dave Middleton Golf Complex are home to the PGM program. A state-of-the-art training facility, a pro shop, restaurant, 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 practical, on-the-job experience, where the student applies classroom knowledge to the workplace, prepares the Dedman School of Hospitality graduate for the operational challenges of industry.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in hospitality and professional golf management satisfy this requirement by earning a grade of “C–” or higher in CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 X11
2. ACG X071
3. CGS X100 (or demonstrated competency)

Note: CGS X530, CGS X570, CGS X060, CGS X100, CGS X531, CGS X000, or MAN X812 are acceptable substitutes.

Requirements for a Major in Hospitality 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 hospitality management majors
3. the general business core requirements for hospitality management majors
4. the general business breadth requirements for hospitality management majors; and
5. the major area requirements for hospitality management majors.

Note: To be eligible to pursue a hospitality management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All hospitality 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 hospitality 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:

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 3011 Risk Management/Insurance (3)

Major Area Requirements

All hospitality management majors must complete the eighteen semester hours of hospitality major area courses listed below. A minimum grade point average (GPA) of 2.0 must be earned in these courses.

HFT 2001 Hospitality Careers (1)
HFT 3806 Introduction to Food and Beverage Management (3)
HFT 3941r Management Internship (1-3)

NOTE: This course must be taken for three credit hours.

HFT 4224 Managerial Behavior in Hospitality Operations (2)
HFT 4253 Lodging Management (2)
HFT 4471 Managing Revenues and Expenses (3)
HFT 4802 Catering Management (3)
HFT 4941 Field Study in Hospitality Administration (0)

Students enrolled in the Dedman School of Hospitality must complete at least one thousand hours 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 electives from the following list of courses. Please note that these courses may not be offered every semester.

HFT 3220 Human Resource Management in Hospitality Operations (3)
HFT 3263 Restaurant Operations (3)
HFT 3272 Senior Services Management (3)
HFT 3277 Club Management (3)

HOSPITALITY 279
Requirements for a Major in Professional Golf Management

All students must complete the following:

1. The University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin.
2. The State of Florida Common Program Prerequisites for professional golf management majors.
3. The general business core requirements for professional golf management majors.
4. The general business breadth requirements for professional golf management majors.
5. The major area requirements for professional golf management majors.

Note: To be eligible to pursue a professional golf management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All professional golf management majors must complete the following five 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 golf 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)
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 3011 Risk Management/Insurance (3)

Major Area Requirements

All Professional Golf Management (PGM) majors must complete the twenty-four semester hours of PGM major area courses listed below. A minimum grade point average (GPA) of 2.0 must be earned in these courses. PGM majors must also satisfy a number of supplemental requirements including a player ability test, 3 PGA level checkpoints, and 16 months of approved internships, as well as a number of individual PGA workshops.

HFT 3519 Convention Services and Event Management (3)
HFT 3603 Law for Hospitality Operations (3)
HFT 3700 Tourism Management and the Environment (3)
HFT 3949r Cooperative Education Work Experience (0)
HFT 4334 Advanced Club Management (3)
HFT 4502 Hospitality Services Marketing and Research (3)
HFT 4803 Advanced Food and Beverage Management (3)
HFT 4866 Wine and Culture (3)

Note: Students must be 21 years of age to take this class.

HFT 4930r Special Topics in Hospitality Administration (1-3)

Note: The topics of this course vary, and include:
- Business Ethics and Moral Leadership
- Conversational Spanish for Hospitality Managers
- Resort Operations

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 & Wine, (b) European Travel & 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.

Definition of Prefixes

HFT—Hospitality Management

Undergraduate Courses

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 2001. Hospitality Careers (1). This course offers an introduction to the many segments and career paths available in the hospitality industry, including hotels, resorts, restaurants, clubs, senior living, and attractions. The course includes site visits to ongoing operations.

HFT 2352. Introduction to Professional Golf Management (1). This course focuses on preparing students for the management of golf operations. For professional golf management majors only.

HFT 3003. Introduction to Hospitality and Tourism Management (3). This course is open to non majors and offers an introductory review of the segments, disciplines, career opportunities, and current issues in the hospitality industry. Industry leaders may be featured as guest speakers.

HFT 3221. Human Resource Management in Hospitality Operations (3). Prerequisite or corequisite: MAN 3240. 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). 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 3272. Senior Services Management (3). 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 3277. Club Management (3). 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)
HFT 3354 Agronomy for Golf Course Management (3)
HFT 3355 Advanced Professional Golf Management (1)
HFT 3806 Intro to Food and Beverage Management (3)
HFT 4224 Managerial Behavior in Hospitality Operations (2)
HFT 3353. Intermediate Professional Golf Management (1). Prerequisite: HFT 2352. This course focuses on developing intermediate level skills necessary for management of golf operations. For professional golf management majors only.

HFT 3354. Agronomy for Golf Course Management (3). An overview of horticultural and agronomic practices needed by golf course managers in the hospitality industry.

HFT 3355. Advanced Professional Golf Management (1). Prerequisite: HFT 3353. This course focuses on advanced skills that prepare students for the management of golf operations. For professional golf management majors only.


HFT 3519. Convention Services and Event Management (3). This course provides a comprehensive approach to managing, marketing, and planning conventions, special events, and conferences.

HFT 3603. Law for Hospitality Operations (3). Prerequisites: HFT 3221 and BUL 3310. This course covers basic concepts of law that apply to the hospitality industry. The course focuses on legal definitions, innkeeper-guest relationships, liability, and other legal issues.

HFT 3700. Tourism Management and the Environment (3). Tourism management, organization, and development. Emphasis on economic and environmental issues confronting the industry such as balancing use and preservation. Open to nonmajors.

HFT 3806. Introduction to Food and Beverage Management (3). Prerequisite: HFT 2001. 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 (refrigeration, dry, frozen, and chemical), workflow, and basic production techniques is integral to the course. Lab time depends on the topic and activity planned for the week.

HFT 3941r. Management Internship (1–3). (S/U grade only.) Prerequisites: A 3.0 GPA average and three 3-hour courses in hospitality administration, excluding DIS. A management internship program providing on-the-job management experience in some phase of the hospitality industry. HAD majors only. May be repeated to a maximum of nine (9) semester hours.

HFT 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

HFT 4205. Conversational Spanish for Hospitality Majors (3). Prerequisite: Senior standing. This international culture and conversation places emphasis on Spanish 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 (2). Prerequisites: All required hospitality courses. This course provides an analysis and development of interpersonal management skills, including leadership, ethics, employee and guest relations, and team building. Discussions focus on current issues, training, and quality management in the hospitality industry.

HFT 4253. Lodging Management (2). This course provides a study of hotels, motels, and other types of lodging operations including functional department organization, operation, and systems. Emphasis is on rooms, department, and computer usage in lodging properties, as well as quality issues.

HFT 4290. Luxury Hotel & 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: ACG 2021 and FIN 3403. 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). Prerequisite: MAR 3023. Applications of strategic market research and product/service positioning in the hospitality industry. Emphasis on competitive marketing strategies including sales, advertising, and promotions. Discussion of unique features of hospitality marketing, market research/analysis, ethics, and quality.

HFT 4802. Catering Management (3). Prerequisite: HFT 3806 or 500 hours of work experience. 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). An introduction to basic wine knowledge that, together with wine tasting, enhances student understanding and appreciation of wine and its place in our culture and heritage. Restricted to students 21 years of age and older. May not be taken as a S/U course.

HFT 4905r. Directed Individual Study (1–3). May be repeated up to five (5) times.

HFT 4930r. Special Topics in Hospitality Administration (1–3). In-depth study of current topics in hospitality administration. May be repeated to a maximum of twelve (12) semester hours when topics change.

HFT 4941. Field Study in Hospitality Administration (0). (S/U grade only.) 1,000 hours of satisfactory, acceptable internship experience in the hospitality industry. Discussion expands and integrates the internship experience to enhance management decision-making skills. Report and supervisors’ evaluation required. Students should register for this class the semester in which they graduate.

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

Graduate Courses

HFT 5226. Leadership Strategies in Hospitality and Tourism Organizations (3).

HFT 5477. Financial and Cost Control Systems for Hospitality and Tourism Organizations (3).

HFT 5506. Services Marketing and Research for Hospitality and Tourism Organizations (3).

HFT 5597. Legal Environment of Hospitality and Tourism Organizations (3).

HFT 5598. Studies in Hospitality and Tourism (3).

HFT 5595. Special Topics in Hospitality and Tourism (3).

Housing and Community Development: see Urban and Regional Planning

Housing and Home Design: see Family and Child Sciences

Human Sciences, General Courses: see College of Human Sciences
Program in Interdisciplinary
HUMANITIES

College of Arts and Sciences

Contact: Dr. Kathryn B. Stoddard

A Bachelor of Arts (BA) degree in humanities offers a broad interdisciplinary education in the thought, literature, art history, and music of Western and Eastern cultures. The interdepartmental undergraduate major is offered as a preparation for graduate work in the Humanities and as a basic cultural background for a variety of professional fields, such as teaching, research, journalism, law, librarianship, foreign service, the religious professions, music, arts administration, and government service.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in humanities satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, or MUS 2360.

Requirements for a Major in Interdisciplinary Humanities

Please review all college-wide degree requirements in the “College of Arts and Sciences” chapter of this General Bulletin. All humanities majors must meet the language requirement for students seeking the Bachelor of Arts (BA) degree in the College of Arts and Sciences. For alternatives to satisfy this requirement, refer to ‘Foreign Language’ in the “College of Arts and Sciences” chapter of this General Bulletin. If a student chooses to double major, only six 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 course work counted toward the humanities major must be completed with a “C–” or higher. All humanities majors must take HUM 2210, 2235, 2250, and 3324 or their equivalents, before taking the required HUM 4935 seminar. Humanities majors must also take a nonwestern humanities course (X; 3 CU) 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 advisers. A list of approved courses for the various tracks of the major can be found at: http://dih.fsu.edu/undergraduate_guide.html. The courses will be distributed as follows:

Primary Concentration

Eighteen semester hours in one of the following Humanities departments:
- American Studies
- Art History (including the sub-topic Interior Design)
- Asian and Middle Eastern Studies
- Classical Studies
- Communication
- English
- Film Studies
- History (including the sub-topic Human Rights)
- History of the 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 course work 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 adviser 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 Program Director.

Requirements for a Minor in Humanities

Courses taken to meet the humanities minor are not applicable to any other requirement. The undergraduate minor will consist of 15 hours, of which nine must be taken in one of the Humanities departments listed above, and six from one other Humanities department. Six hours must be numbered above 2999.

Definition of Prefix

HUM — Humanities

Undergraduate Courses

HUM 1920. Freshman Interest Group (1). (S/U grade only.) Taught Fall term only. Topics vary. The Freshman Interest Group (FIG) Colloquium is a seminar-structured class designed to provide a set of experiences that will introduce the student to the academic culture at FSU.

HUM 1921. Learning Community Colloquium (1). (S/U grade only.) This series includes presentations on resources and University-wide programs as well as frequent talks by faculty members describing their own research and/or creative work. The course provides opportunities to meet a variety of potential role models and to engage in thoughtful, substantive discussions in a large-classroom setting.

HUM 2210. Humanities: Pre-history to Late Antiquity (3). The course offers an introduction to the thought, literature, and arts of Western culture from Homer to the Gothic.

HUM 2235. Humanities: From the Renaissance to the Enlightenment (3). 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, friendship, and arts of Western culture from 18th-Century Romanticism to the Postmodern period.

HUM 2344r. University Honors Colloquium (1). (S/U grade only.) Prerequisite: Admission to the honors program. Each Fall faculty from across the academic and creative arts spectrum explore “Art and Inquiry in the Modern University” with entering honors students. Discussions follow each weekly presentation. Students are required to write responses totaling two thousand (2,000) words. May be repeated to a total of two (2) semester hours.

HUM 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). Explores diversity within Western culture by focusing on film as a medium for shaping social and cultural attitudes and values. Primary emphasis will be placed on the themes of race and gender, but the student will also be trained in the analysis and appreciation of film as a uniquely modern art form.

HUM 3324. Cultural Imperialism (3). An analysis of the significant works of literature and the other arts created under the dominant “imperial” cultures. The course focuses upon themes relating to colonial subjugation. Works will be analyzed from the perspective of the dominating culture and from the contrasting vision of the subjugated colonial cultures.

HUM 3413. Humanities: South Asian (3). 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.

HUM 3800. Humanities: Principles of Criticism and Appreciation (3). This course offers an introduction to the principles of criticism and appreciation of arts and humanities.

HUM 3930r. Humanities: Special Topics (1–3). May be repeated to a maximum of six (6) semester hours.

HUM 4906r. Directed Individual Study (3). Prerequisite: 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 10 weeks. The minimum length of the paper will be 30 pages excluding footnotes and bibliography. HUM 4906r cannot count toward major course work. May be repeated to a maximum of nine (9) semester hours.
HUM 4907r. Honors Work (1–6). Prerequisite: Admission to the honors program. May be repeated to a maximum of nine (9) semester hours.

HUM 4924. Freshman Interest Group Peer Instruction (1). Spring term only. This course develops the knowledge, skills, and perspectives needed to be a Peer Instructor for the FIGS Colloquium. Instruction covers general information needed to support the values of this unique liberal studies educational endeavor.

HUM 4931r. Topics in the Civilization of Britain or Italy (3). May be repeated to a maximum of six (6) semester hours.

HUM 4934r. Interdisciplinary Topics (3). This course provides students from any discipline with an integrated interdisciplinary learning experience. The course is taught by instructors from at least two different departments and/or colleges. Topics vary. May be repeated to a maximum of twelve (12) semester hours.

HUM 4935r. 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 (6) semester hours.

Graduate Courses

HUM 5227. The Humanistic Tradition: Greek and Roman (3).
HUM 5245. The Humanistic Tradition: Medieval, Renaissance, and Baroque (3).
HUM 5253. The Humanistic Tradition: The Modern World (3).
HUM 5909r. Directed Individual Study (3). (S/U grade only.)
HUM 5915r. Supervised Research (1–5). (S/U grade only.)
HUM 5938r. Interdisciplinary Topics (3). (S/U grade only.)
HUM 5940r. Supervised Teaching (0–5). (S/U grade only.)
HUM 6904r. Readings for Examination (1–12). (S/U grade only.)
HUM 6939r. Seminar Topics (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Interdepartmental
IBERIAN STUDIES VALENCIA CENTER MINOR

COLLEGE OF ARTS AND SCIENCES

Coordinator: James E. Pitts (International Programs)

The Iberian Studies Valencia Center minor is concerned with the culture of Spain from ancient times to the present. The minor is built around the student’s program of study at the Florida State University Valencia Study Center, allowing the student to pursue the minor before, during, and after the student attends the Valencia Program. The minor gives greater focus to and enhances the quality of the student’s program of study in Spain. The sojourn in Valencia is the essential element in the minor, providing direct involvement in contemporary Spanish civilization as well as exposure to Spain’s historical cultural artifacts.

Requirements for a Minor in Iberian Studies

The 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 Valencia 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.

ARH 4352 Southern Baroque Art (3)
HUM 3930r Humanities: Special Topics [Culture and Civilization of Spain] (1–3)
MUS 3934r Special Topics in Music [Music of Spain] (1–3)
SPN 3332 Communication in Language and Culture I (3)
SPN 3333 Communication in Language and Culture II (3)
SPN 3440 Language and Culture in Business (3) *
SPN 3510 Cultures of Iberia (3)
SPN 4420 Advanced Spanish Composition and Translation (3)
SPN 4440 Business Writing in Spanish (3) *
SPN 4540r Regional Cultural Studies (3)
SPN 4780 Spanish Phonetics (3) *
SPN 4905r Directed Individual Study in Hispanic Language (3)
SPN 4930r Studies in Hispanic Language and Literature (3)
SPN 4942r Internship in Applied Spanish (1–6)
SPW 3030 Approaching Hispanic Literature (3)
SPW 3103 Readings from Early Iberia (3)
SPW 3104 Readings from Modern Spain (3)
SPT 3100 Spanish Literature in Translation (3)
SPT 3391r Hispanic Cinema (3)
SPW 3493 Readings from Modern Spanish America (3)
SPW 4140r The Poetics of Hispanic Love and Violence (3)
SPW 4150r Transatlantic Encounters (3)
SPW 4481 Contemporary Spanish Women Writers (3)

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)
ENC 3310 Article and Essay Workshop (3)
ENC 4311 Advanced Article and Essay Workshop (3)
EUIH 3004 19th Century Europe: A Survey (3)
EUIH 3005 20th Century Europe: A Survey (3)
EUIH 4121 Earlier Middle Ages (3)
EUIH 4124 The Crusades (3)
EUIH 4140 Renaissance (3)
EUIH 4144 Reformation (3)
EUIH 4233 Rise of Nationalism (3)
EUIH 4243 Europe, 1870–1900: The Age of European Hegemony (3)
EUIH 4244 Fascism (3)
EUIH 4602 European Intellectual History, 1500-1800 (3)
EUIH 4603 European Intellectual History, 1800 to Present (3)
FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)
FIN 4604 Multinational Financial Management (3)
HIS 4930r Special Topics in History (3)
HIS 4935r Senior Seminar (3)
HUM 2235 Humanities: From The Renaissance to The Enlightenment (3)
HUM 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)
MUIH 2012 Music in Western Culture: 19th and 20th Centuries (3)
MUIH 2051 Music Cultures of the World—Music of Tribal and Folk Cultures (3)
MUIH 2052 Music Cultures of the World II—Ritual and Art Music of the Non-Western World (3)
PHH 3061 Medieval and Renaissance Philosophy (3)
PGY 2100C Photo for Non-Art majors (3)
REL 3365 The Islamic Tradition (3)
REL 3607 The Jewish Tradition (3)
REL 4564 Modern Roman Catholicism (3)
REL 4613 Modern Judaism (3)
SPN 4450r Regional Cultural Studies (3)
SPW 4942r Internship in Applied Spanish (1–6)
SPW 3391r Hispanic Cinema (3)
SPW 4190r Special Topics in Hispanic Languages and Literature (3)
SPW 4301r Hispanic Culture and Performance (3)
SPW 4905r Directed Individual Study in Hispanic Language (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 approves them. To have such courses considered, petition the Coordinating Committee, University Center A5500, Tallahassee, FL 32306-2420
Industrial Engineering

Department of
INDUSTRIAL ENGINEERING

FAMU–FSU COLLEGE OF ENGINEERING

Chair: Zhang, C.; Professors: Awoniyi, Braswell, Wang, Zhang, C.; Associate Professors: Liang, Okoli, Owusu, Pignatelli, Zhang, M.; Assistant Professors: Liu, Vanti, Zeng; Adjunct Professors: Chapman, Lewis, Moshir; Adjunct Instructor: Taylor

The mission of the Department of Industrial Engineering is to provide for students a solid industrial engineering curriculum coupled with a strong research program driven by the economic and technological development needs of society.

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 designed to comply with the current Accreditation Board for Engineering and Technology (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 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.ie.eng.fsu.edu to obtain the current list of industrial engineering program outcomes.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in industrial engineering satisfy this requirement by earning a grade of “C−” or higher in CGS 3406.

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/navigation/detail_ext/cpp_intro.do?pageld=060304 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
2. ENC X102
3. MAC X311 or MAC X281 or MAC X282 or MAC X283
4. MAC X312 or MAC X281 or MAC X282 or MAC X283
5. MAC X313 or MAC X281 or MAC X282 or MAC X283
6. MAP X302
7. CHM X045/X045L or CHS X440 Chemistry for engineers
8. PHY X048/X048L
9. PHY X049/X049L
10. XXX XXXX: six (6) semester hours in humanities
11. XXX XXXX: six (6) semester hours in social science
12. XXX XXXX: three (3) additional semester hours in humanities or social science

Engineering Core Courses

CGS 3406 Object Oriented Programming in C++
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)
MAP 3305 Engineering Math I (3)

Requirements for a Major in Industrial Engineering

It is the policy of the Department of Industrial Engineering that a student must receive passing grades in all prerequisite courses prior to enrolling in an industrial engineering course. Concurrent registration in a course and its prerequisites is not allowed. All prerequisites to prerequisites must be completed. Failure to abide by this policy will result in the cancellation of enrollment in the course at any time during the semester and with no refund of fees. Corequisite courses must be taken concurrently or satisfactorily completed prior to enrolling in the course.

A candidate for the Bachelor of Science (BS) degree in industrial engineering is required to successfully complete the following courses, in addition to the other College of Engineering core requirements:

EGN 3443 Statistical Topics in Industrial Engineering (3)
EIN 3104 Introduction to Engineering Management (3)
EIN 3390C Manufacturing Processes and Materials Engineering (5)
EIN 4243 Ergonomics (3)
EIN 4312 Tool and Process Engineering (3)
EIN 4333 Design of Integrated Production Systems and Facilities Layout (3)
EIN 4621 Manufacturing Systems Engineering (3)
EIN 4890 Industrial Engineering Senior Design Project I (3), - First of two seminar sequence
EIN 4892 Industrial Engineering Senior Design Project II (3), - Second of two seminar sequence
ESI 3312 Operations Research I: Deterministic (3)
ESI 3628 Computing Topics in Industrial Engineering (3)
ESI 4234 Quality Control and Reliability Engineering (3)
ESI 4313 Operation Research II: Nondeterministic (3)
ESI 4523 Simulation of Industrial Engineering Systems (3)
XXX XXXX Technical Elective (with adviser’s approval) (3)
XXX XXXX Mathematics Elective (3)
XXX XXXX Department Electives (3)

Industrial engineering majors are required to consult with their IE undergraduate adviser before enrolling for the next academic term. Students must obtain current IE degree requirements and course offering schedules from the IE department.

Grade Requirements

In addition to University and college requirements regarding grades and grade point average (GPA), the Department of Industrial Engineering 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). An emphasis on student time management, a variety of products and processes, and computer-aided problem solving. Product/process involves sketching and drawing pertinent diagrams by hand, and learning the history and engineering concepts involved.

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

EGN 3443. Statistical Topics in Engineering (3). Prerequisite: MAC 2312. Basic statistical analysis of samples and populations, variability, hypothesis formulation, and data analysis. Use of computer software and interpretation of results.


EIN 3104. Introduction to Engineering Management (3). Prerequisites: EGN 2123 and EGN 3613. 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 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 nine (9) semester hours.

EIN 3949r. Cooperative Work Experience (0). (S/U grade only.) May be repeated six times.

EIN 4214. Occupational Safety and Hazard Control (3). Prerequisite: EIN 4243. The history of safety, safety in the workplace, government regulations, and methods of accident prevention.

EIN 4243. Ergonomics (3). Prerequisites: EGM 3512, EGN 3443, and EIN 3390C. Human characteristics and limitations in relation to physical work, mental work, and job design. Human physiological variables in relation to industrial work environment and product design. Case studies and design exercises.

EIN 4312. Tool and Process Engineering (3). Prerequisite: EIN 3390C. 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 4611. Industrial Automation and Robotics (3). Prerequisite: EIN 3390C. Introduces and familiarizes students with the basic automation problems and the technologies used in automated production and robotic systems. Various components and systems and their applications to industrial automation will be discussed. Course will be supplemented by labs that will help students apply and evaluate the concepts studied in the classroom.

EIN 4621. Manufacturing Systems Engineering (3). Prerequisite: EIN 4312. Introduction to modern manufacturing systems, with a special focus upon the integration of manufacturing resources through the use of computers. Design, planning, analysis, and control of computer integrated manufacturing systems.

EIN 4890. Industrial Engineering Senior Design Project I (3). Prerequisite: Must be in final year of the degree program. 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 4892. Industrial Engineering Senior Design Project II (3). Prerequisite: Must be in final year of the degree program. 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 4934r. Honors Thesis (3). May be repeated to a maximum of six (6) semester hours.

EIN 4936r. Selected Topics in Industrial Engineering (3). Offered Fall and Spring semesters. Topics will be determined by a departmental committee on special topics, taking into consideration the needs of students who are about to graduate. May be repeated to a maximum of nine (9) semester hours.

ESI 3312C. Operations Research I: Deterministic (3). Prerequisite: MAP 3305. The following topics will be treated with emphasis on validation of algorithms and derivation of heuristics: linear programming, assignment problems, CPM, network flows, discrete optimization, branch and bound solution method, and dynamic programming. Design exercises.
INFORMATION TECHNOLOGY

COLLEGE OF COMMUNICATION AND INFORMATION


The College of Communication and Information offers a bachelor’s degree in Information Technology, a master’s degree accredited by the American Library Association, a specialist degree, and a Doctor of Philosophy (PhD) degree. Refer to the “College of Information” chapter of this General Bulletin or to the College’s Web site at http://cci.fsu.edu for more details concerning degree programs and other information. For complete details of graduate degree requirements, plus a description of the College of Communication and Information and its facilities and opportunities, refer to the Graduate Bulletin.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in information technology satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

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.factsonline.org/navigation/detail_ext/cpp_intro.do?pageid=060304 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: one (1) college-level programming course in C, C++, or Java for three (3) credit hours
2. Note: CGS 3408C for non-specialists (prerequisite: MAC X140 or MAC X233) may be substituted for COP XXXX.
3. CGS X060
4. MAC X105

Definition of Prefix

LIS—Library and Information Studies

Undergraduate Courses

LIS 2780. Database Concepts (3). This course examines relational database management systems using a typical, commercial DBMS, such as Microsoft Access. Topics include data modeling, database design, implementation, forms and reports, and remote access to databases.

LIS 3021. Technical Communication for the Information Professions (3). This course covers technical and professional documents generated and used by information professionals. Emphasis is on the writing process, more specifically on audience analysis, document design, collaboration, and peer editing.

LIS 3103. Information and Society (3). This course examines major issues related to living in the “information society,” including information literacy, information security, identity theft, privacy, intellectual property, and information ethics. Students gain skills in searching the Web, electronic databases, and print resources. The three broad areas covered by the course are personal information management, academic information, and career/professional information.

LIS 3201. Research and Data Analysis for Information Professionals (3). This course provides students with an overview that emphasizes the user’s perspective in the analysis of information needs and preferences. It also offers the fundamentals for a broad approach with a unifying structure to understanding human information-seeking behaviors.

LIS 3267. Information Science (3). This course presents the history, philosophical bases, concepts, theories, and methodologies of information science. It also emphasizes the definitions and properties of information, formal and informal information systems, information origination, transfer, classification, formatting, and use.

LIS 3353. Technologies for Information Services (3). Beginning beyond the computer literacy level, the course develops an appreciation for the application of computer hardware, software, and information systems for the provision of information services. Highlights features and offers up-to-date coverage of technical developments with examples of real-world software applications and the principles by which computer systems and their networks support information seekers.

LIS 3946r. Field Study in Information Studies (1–6). Prerequisite: Adviser permission. This course provides students with an unpaid work experience within a major area of information studies. May be repeated to a maximum of six (6) semester hours.

LIS 3949r. Cooperative Education Work Experience (0). (SU grade only.) Prerequisite: Adviser permission. Paid work experience with a firm or agency to be determined on an individual basis.

Advanced Undergraduate Courses

LIS 3706. Information Systems and Services (3). Prerequisites: LIS 3267 and LIS 3353. This course provides practical hands-on experience in applying the concepts and practices of structuring information in digital information systems. This includes digital representation of a variety of forms of information, the storage and retrieval of this information, indexing structures, and searching algorithms.

LIS 3781. Advanced Database Management (3). Prerequisite: LIS 2780. This course explores various topics in database management systems (DBMS) using a typical commercial DBMS, such as Oracle or MySQL. Topics include security, stored procedures, and triggers.

LIS 3784. Information Organization and Communication (3). Prerequisites: LIS 3267 and LIS 3353. This course covers issues and techniques related to the planning, production, and management of large World Wide Web sites, including information on organization and design, authentication techniques, synchronized multimedia, and hypertext authoring.

LIS 4351. Interface Design (3). This course offers an introduction to the technologies for the provision of information services. Theories and concepts of information science are integrated with a variety of practical tools for the structured design and analysis of information systems.

LIS 4366. Web Site Development and Administration (3). Prerequisite: LIS 3201 and LIS 4276. The course introduces students to the concepts of cognitive and human information processing, their application to information systems design, and the assessment of the usability and usefulness of information systems.

LIS 4301. Electronic Media Production (3). Prerequisite: LIS 3353. This course offers the understanding, skills, and techniques needed for the production and utilization of various forms of electronic graphic resources. Emphasis is on the writing process, more specifically on audience analysis, the evaluation of graphic resources, design standards, and the visual representation of information. Students evaluate existing materials and design and produce materials for both electronic and print formats, including pages for the World Wide Web, slide shows for visual support of verbal presentations, and documents produced with desktop publishing software.

LIS 4351. Interface Design (3). Prerequisite: LIS 3353. 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. The course introduces the concepts and technical needs 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 locating these resources. Students gain hands-on experience in Web application production, including: PERL/CGI, JavaScript, server authentication techniques, synchronized multimedia, and hypertext authoring.

LIS 4366. Web Site Development and Administration (3). Prerequisite: LIS 4301. The course covers issues and technical problems related to the planning, production, and maintenance of large World Wide Web sites, including information on organization and design, software and hardware, 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 4368. Web Development with PHP (3). Prerequisite: CIS 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 the evolving role of information in the “Information Age.” The course emphasizes information services in society and contemporary information resources that fulfill society’s information needs, and also considers the nature of electronic sources of information as well as other information formats and sources.

Highlights features and offers up-to-date coverage of technical developments with examples of real-world software applications and the principles by which computer systems and their networks support information seekers.

LIS 3946r. Field Study in Information Studies (1–6). Prerequisite: Adviser permission. This course provides students with an unpaid work experience within a major area of information studies. May be repeated to a maximum of six (6) semester hours.

LIS 3949r. Cooperative Education Work Experience (0). (SU grade only.) Prerequisite: Adviser permission. Paid work experience with a firm or agency to be determined on an individual basis.

Advanced Undergraduate Courses

LIS 3706. Information Systems and Services (3). Prerequisites: LIS 3267 and LIS 3353. This course provides practical hands-on experience in applying the concepts and practices of structuring information in digital information systems. This includes digital representation of a variety of forms of information, the storage and retrieval of this information, indexing structures, and searching algorithms.

LIS 3781. Advanced Database Management (3). Prerequisite: LIS 2780. This course explores various topics in database management systems (DBMS) using a typical commercial DBMS, such as Oracle or MySQL. Topics include security, stored procedures, and triggers.

LIS 3784. Information Organization and Communication (3). Prerequisites: LIS 3267 and LIS 3353. This course covers issues and techniques related to the planning, production, and management of large World Wide Web sites, including information on organization and design, authentication techniques, synchronized multimedia, and hypertext authoring.

LIS 4351. Interface Design (3). 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. The course introduces the concepts and technical needs 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 locating these resources. Students gain hands-on experience in Web application production, including: PERL/CGI, JavaScript, server authentication techniques, synchronized multimedia, and hypertext authoring.

LIS 4366. Web Site Development and Administration (3). Prerequisite: LIS 4301. The course covers issues and technical problems related to the planning, production, and maintenance of large World Wide Web sites, including information on organization and design, software and hardware, 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 4368. Web Development with PHP (3). Prerequisite: CIS 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 the evolving role of information in the “Information Age.” The course emphasizes information services in society and contemporary information resources 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 4481. Managing Information Resources and Services (3). Prerequisites: Three of the following: LIS 3201, LIS 3267, LIS 3353, LIS 3602, LIS 4276 and LIS 4351. This course offers an introduction to the management of administrative issues as applied to information resources management (IRM), information centers, and information services. 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 4481. Managing Information Resources and Services (3). Prerequisites: LIS 3201 and LIS 3353. This course offers an introduction to management science and to administrative issues as applied to information resources management, information centers, and information services. Emphasis is placed on management functions, concepts, and principles.

LIS 4482. Managing Networks and Telecommunications (3). Prerequisite: LIS 3353. This is a foundation course in the use of networks and telecommunications to provide information. Focus is on modern data networks, especially building blocks of local area networks (LANs). The course deals with concepts, technical requirements, and a variety of management issues.

LIS 4488. Network Administration for the Information Professional (3). Prerequisites: LIS 3353 and LIS 4482. This course provides the information and skills necessary to perform competently in the role of network administrator or network system manager within a library and/or information center environment. 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 4642. Electronic Information Sources and Services (3). Prerequisite: LIS 3602. 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). Prerequisites: LIS 3267 and LIS 3602. The course addresses the principles and techniques of organizing non-bibliographic information sources including unpublished and transitory materials such as archival and manuscript collections, business office records, ephemera, and local databases. The course focuses on locally produced resources created for a narrowly defined, specific, and possibly restricted 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 allows students to complete their information technology portfolio. The course consists of discussions of issues in the information technology profession, emerging technologies, and directed work on the student’s degree portfolio.

LIS 4770. Information and Information 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 deposition.

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 4775. This course builds and extends the foundations presented in LIS 4775, 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.) Guided studies for individual professional and subject needs. May be repeated to a maximum of six (6) semester hours.

LIS 4910. Information Technology Project (3). Prerequisite: Senior standing or instructor permission. Students work in teams and individually to manage, design, implement, and evaluate an information technology project. Students are also given evaluation and guidance on improving artifacts from projects entered into their degree portfolio during other courses within the degree program.

LIS 4930r. Special Topics in Information Studies (3). Prerequisites: Three of the following: LIS 3201, LIS 3353, LIS 4276, and LIS 4351. This 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 (6) semester hours.

LIS 4938. Seminar in Information Studies (3). Prerequisite: Senior standing and three of the following: LIS 3232, LIS 3267, LIS 3342, LIS 3602, 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, LIS 3602, 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 (6) semester hours.

LIS 4941. Information Technology Practicum (3). This course provides a broad overview of the information technology used by the College of Information, including the college’s local area network, the help desk, and the Mary Alice Hunt Learning Laboratories. This course is a practicum designed to provide experiential learning.

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 (9) semester hours. To graduate with honors in information studies, the student must complete six (6) semester hours of course work with at least a “B–” or better and an overall 3.2 GPA or higher.

Graduate Courses

LIS 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 5275. Usability Analysis (3).
LIS 5313. Digital Media: concepts and Production (3).
LIS 5362. Design and Production of Network Multimedia (3).
LIS 5364. Web Site Development and Administration (3).
LIS 5367. Advanced Web Applications (3).
LIS 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 lcsInformation (3).
LIS 5417. Introduction to Legal Resources (3).
LIS 5418. Introduction to Medical 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 5524. Instructional Role of the Informational Specialist (3).
LIS 5564. Information Needs of Children (3).
LIS 5565. Information Needs of Young Adults (3).
LIS 5566. Multicultural Literature and Information Resources for Children and Young Adults (3).
LIS 5567. International Literature for Children and Young Adults (3).
LIS 5576. Information Needs of Adults (3).
LIS 5590. Museum Informatics (3).
LIS 5602. Marketing of Library and Information Services (3).
LIS 5603. Introduction to Information Services (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 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 6205. Issues in Information Behavior (3).
LIS 6269. Seminar in Information Science (3).
LIS 6279r. Research in Information Studies (3).
LIS 6289. Seminar in Education for Information Studies (3).
LIS 6662. Seminar in Information Policy (3).
LIS 6759. Seminar in Intellectual Access (3).
LIS 6909r. Directed Individual Study (1–8). (S/U grade only.)
LIS 6911r. Research Collaboration (1–5). (S/U grade only.)
LIS 6919r. Issues in Information Studies (1–5).

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

---

**INSTITUTIONAL RESEARCH:**
see Educational Leadership and Policy Studies

**INSTRUCTIONAL SYSTEMS:**
see Educational Psychology and Learning Systems
Department of INTERIOR DESIGN

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: Eric Wiedegreen; Professor: Wiedegreen; Associate Professors: Butler, Koenig, Munton, Myers, Ohazama, Pable, Waxman; Assistant Professors: Randsell; Adjunct Faculty: Andras, Harbin, Lynch

Interior design is concerned with the design of all interior spaces, both residential and nonresidential, and the field of environmental design. Students are prepared to meet professional requirements and criteria for the practice of interior design, membership in professional organizations, and licensure (if required). A professional designer was defined by the national accrediting trust, the Council for Interior Design Accreditation (formerly FIDER), as one who is “qualified by education, experience, and examination to enhance the function and quality of interior spaces for the purpose of improving the quality of life, increasing productivity, and protecting health, safety, and welfare of the public.” The Department of Interior Design is accredited by 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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. CGS 2060 or CGS 1060
2. CTE X431 or CTE X401
3. IND 3020 or IND X020 or any level two- and three-dimensional design course
4. XXX XXXX: nine (9) credit hours of art, art history, or other art-related courses; these may be taken at any level and may be used to satisfy performing and fine art and/or humanities general education requirements

Degree Requirements

The undergraduate degree program consists of a minimum of seventy-two semester hours of course work 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: fifteen semester hours
5. History of interiors and architecture: nine semester hours
6. Electives in interior design: six semester hours

Requirements for Bachelor of Arts Degree (only)

1. Electives in art-related courses must also meet University humanities requirement
2. Language requirement is the equivalent of two years of language proficiency (no credit requirement).

Refer to ‘The Liberal Studies Program’ section in the “Undergraduate Degree Requirements” chapter of this General Bulletin for specific degree requirements.

Requirements for a Major in Interior Design

The program is a limited access major with required sequential course offerings and elective courses in interior design. Four diagnostic courses are offered the first year of study (IND 1203, 1204, 1206, and 1406). In a portfolio review of work generated from these four classes held at the end of the Spring Term (called First Year Review), the top 40 students are chosen to move forward into the second year and above studies. Transfer students may take all four diagnostic courses during the Summer term, and then go through First Year Review (their numbers counting within the total 40 students chosen to move forward).

A specific listing of courses required for 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 1401. Basic Textiles (3). Introduction to fibers, fabric structure, and finishes related to selection and care. Interrelationship between textile characteristics, properties, and end use.
IND 1203. Design Fundamentals I (3). The study and development of two- and three-dimensional design projects using the elements and principles of design.
IND 1204. Design Fundamentals II (3). Prerequisite: IND 1203. The continuing study and development of two- and three-dimensional design projects using the elements and principles of design leading to the development of architectural space.
IND 1206. Introduction to Interior Design (3). A survey of the elements and principles of interior design to create an awareness of the made environment and a comprehensive appreciation of design.
IND 1406. Technical Drawing (3). An introductory architectural drafting course encompassing structural information and technical skill building in orthographic, paraline, and perspective views.

IND 2300. Graphic Techniques I (3). Prerequisite: First year review. The introduction to achromatic media used in sketching, rendering, and design drawing, with an emphasis on schematics used in problem solving.

IND 2310. Graphic Techniques II (3). Prerequisite: IND 2300. The introduction to contemporary graphics color media, reproduction processes, and presentation drawings, with a focus on the reinforcement of perspective and freehand drawing proficiencies, as well as rapid rendering techniques for interior delineation.

IND 3003. Survey of Interior Design (3). For non-majors. A survey of the elements and principles of interior design to create an awareness of the made environment and a comprehensive appreciation of design.

IND 3205. Dimensional Design (3). Exercises and experiences in fundamental design projects, with application of basic elements and principles of design. Creative studio projects in two and three dimensional design building on the graphic and technical design process.

IND 3217. Interior Design Studio I (3). Introduction to the fundamental elements and principles of design, design process, problem solving, space planning, and specifications.

IND 3306. Interior Design Graphics I (3). Graphic presentation techniques, including 1-point and 2-point perspective refinement and computer application.

IND 3404. Technical Design I (3). Introduction to basic technical aspects of interior design. Emphasis on laying out floor plans, drafting skills, drafting types, visualizations, and other essential technical systems in interiors.

IND 3430. Lighting Fundamentals (3). Prerequisite: IND 3217. Advanced technical aspects of interior design with emphasis on lighting, electrical plans, reflected ceiling plans, measurements, and acoustics.

IND 3440. Furniture Design (3). Prerequisite: IND 3469. The study of materials, structural considerations, function, and style of furniture and case goods by developing and appreciating their design and construction.

IND 3465. Computer-Aided Design I (3). Prerequisite: First year review. This class is an introduction to computer-aided design and drafting using AutoCAD software. Students develop an understanding of the software and how designers and architects use computers.

IND 3469. Computer-Aided Design II (3). Prerequisite: IND 3465. This course is an advanced computer-aided design class. Students increase their knowledge of 3D AutoCAD, learn the basics of Autodesk Viz software, and receive an overview of PhotoShop.

IND 3470. Construction Systems (3). Prerequisite: IND 3217. This is a lecture course that focuses on general construction techniques and terminology, integrating the building systems of structure, plumbing, and mechanical and fire safety.

IND 3474. Construction Documents (3). Prerequisite: IND 3469. A studio course focusing 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 involves the study of furnishings and finishes for interiors with an emphasis on both aesthetic and performance qualities of the materials typically utilized in interior space.

IND 3525r. Portfolio Review II (2). (S/U grade only.) A faculty review of all student work during the first semester. All students must register for this course in their first semester of registration in design. The course is based upon a knowledge of interior finish materials and internship preparation involving development of a professional portfolio. Satisfactory completion is required for continuation in the program.

IND 3600r. Design Process I (3). (S/U grade only) The process of creative problem solving with an emphasis on application to the design process, programming, and spatial analysis of space.

IND 3930r. Special Topics in Interior Design (1–3). May be repeated to a maximum of twelve (12) semester hours.

IND 4101r. History of Interiors I (3). The study of architecture, interior, and furniture design from antiquity through the Renaissance. May be repeated to a maximum of six (6) semester hours.

IND 4111r. History of Interiors II (3). The study of architecture, interior, and furniture design of the 17th and 18th centuries. May be repeated to a maximum of six (6) semester hours.

IND 4156r. Historical Restoration, Research and Documentation (3–6). The study, research, and documentation of restoration and preservation procedures, sources of antiquities, and reproductions. Includes field trips. May be repeated to a maximum of six (6) semester hours.

IND 4161r. History of Interiors III (3). The study of architecture, interior, and furniture design from the 19th century to the present. May be repeated to a maximum of six (6) semester hours.

IND 4218. Interior Design Studio II (3). Prerequisite: IND 3217. Intermediate projects in creative problem solving applied to both residential and contract interiors. Emphasis on graphic communication and presentation.

IND 4227r. Interior Design Studio III (3). Prerequisite: IND 4218. Advanced projects in creative problem solving with emphasis on programming, spatial analysis, and open-office systems.

IND 4228r. Interior Design Studio IV (3–6). Prerequisite: IND 4227. Advanced application of the design process with emphasis on individual professional objectives and procedures for portfolio presentation. May be repeated to a maximum of six (6) semester hours.

IND 4302. Interior Design Graphics II (3). Prerequisite: IND 3306. Pencil and ink techniques used in sketching, rendering, and design drawing, with an emphasis on schematic used in problem solving.

IND 4311r. Interior Design Graphics IV (1–3). Advanced specialized study of contemporary graphic communication techniques with emphasis on individual professional objectives. May be repeated to a maximum of six (6) semester hours.

IND 4315r. Interior Design Graphics III (3–6). Prerequisite: IND 4302. Marker and color techniques used in interior delineation, with an emphasis on materials and the development of rapid rendering skills. May be repeated to a maximum of six (6) semester hours.

IND 4424. Technical Design II (3). Prerequisite: IND 3404. Lecture and studio course covering materials, construction, and working drawings. The focus is on structure, interior materials, millwork, finishes, hardware, and specifications. Drafting and working drawings are emphasized.

IND 4431r. Technical Design III (3). Prerequisite: IND 4424. Advanced technical aspects of interior design. Emphasis on lighting, electrical plans, reflected ceiling plans, measurements, and acoustics. May be repeated to a maximum of six (6) semester hours.

IND 4461r. Technical Design IV (3). Prerequisite: IND 4424. Computer-aided design and drafting (CADD). Emphasis on creation of interior design technical and presentation drawings using computers. May be repeated to a maximum of six (6) semester hours.

IND 4506. Business Practices (3). Prerequisite: IND 4427. This course involves advanced analysis and research into the theory and philosophy of professional interior design practice.

IND 4521. Portfolio Review I (1). (S/U grade only.) A faculty review of all student work during the third semester. All students must register for this course during the same semester they register for IND 4227 Interior Design Studio III. Continuing in the program is dependent upon a satisfactory grade in this review.

IND 4522. Portfolio Review III (1). (S/U grade only.) A faculty review of all student work after completion of the program. All students must register for this course at the same time as IND 4228 Interior Design Studio IV. The conferring of a degree in interior design is dependent upon a satisfactory grade in this review.

IND 4601. Sociological and Psychological Aspects of Design (3). An exploration of the relationship between humans and their environment through the study of personal and social use of space, proxemics, spatial analysis, and the effects of the environment on human behavior.

IND 4602r. Design Process III (3). Advanced analysis and research into the theory, philosophy, and professional practice of interior design concepts. May be repeated to a maximum of six (6) semester hours.

IND 4603r. Design Process IV (3). Prerequisite: IND 4601. Advanced specialized study in creative problem solving and research of the design process with emphasis on individual professional objectives. May be repeated to a maximum of twelve (12) semester hours.

IND 4905r. Directed Individual Study (1–3). (S/U grade only.) Student has the opportunity to pursue independent work in the area of delineation or resources under the direction of a faculty member. May be repeated to a maximum of twelve (12) semester hours.

IND 4947r. Internship I (1). Student has the opportunity to pursue independent work with a focus on 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.

Graduate Courses

IND 5005. Survey of Interior Design (5).

IND 5105r. History of Interiors Seminar I (3).

IND 5135r. History of Interiors Seminar II (3).

IND 5157. Historical Restoration, Research and Documentation (3).

IND 5165r. History of Interiors Seminar III (3).

IND 5175. History of Designers (2–4).

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 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 5508. Professional Practicum (3).

IND 5526. Graduate Portfolio Review II (1). (S/U grade only.)

IND 5528. Graduate Portfolio Review I (1). (S/U grade only.)
Graduate Seminar: Social-Psychological Aspects of Design (3).

Graduate Seminar: Design Theory and Criticism (3).

Graduate Seminar: Research Methods in Design (3).

Graduate Seminar: Design Issues (3).

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

Supervised Research (1–5). (S/U grade only.)

Special Topics in Interior Design (1–4).

Field Research in Space Organization (1–8).

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

Graduate Internship (1–3). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.
Program in INTERNATIONAL AFFAIRS

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Director: Lee Metcalf, Social Sciences;
The Departments of Anthropology, Economics, Geography, History, Modern Languages and Linguistics, Philosophy, Political Science, Religion, Sociology, and Urban and Regional Planning, as well as the School of Public Administration and Policy, cooperate in the offering of an interdepartmental major and minor at the undergraduate level. The program is designed to equip students with a fundamental knowledge of the field of international affairs, to acquaint them with the basic methods of approach to the field, and to provide a basis for intelligent observation of international affairs. Employment opportunities are to be found in government service, international organizations (public, private, or 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 course work applied to the major must be maintained. All courses counted toward the international affairs major must come from the approved list of courses in the participating departments (see below). Coursework must be selected from at least three participating departments. 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).

Students are advised to coordinate their course work with foreign language study, focusing on a regional concentration (e.g., Africa, the Middle East, East or South Asia, Russia, Eastern and Central Europe, Western Europe, or Latin America). Majors are encouraged to include such courses as INR 2002, ECO 2013 and 2023, GEA 1000, and WOH 1030 among the courses they take to fulfill the liberal studies requirements (if those courses are taken to fulfill the liberal studies requirements, however, they cannot also be counted toward the major requirements).

In addition to a 2.0 overall GPA all students must meet “mapping” requirements. See http://academic-guide.fsu.edu for more information.

Business Option

A major in international affairs with an emphasis in business may be selected. This option combines regular international affairs courses with a planned series of business courses with a multinational focus. Students interested in pursuing this option must have prior approval of the director of international affairs. Students are registered in the business courses on a seats available basis. For this reason, approval to pursue the business option must be re-evaluated each semester.

Students pursuing the business option select a minimum of twenty-one semester hours from the approved list for the major, excluding courses from the department of economics. The remaining courses come from a pre-selected sequence of business courses in one of two tracks (marketing or finance). ECO 2013 and ECO 2023 are required prerequisite courses for the emphasis. The finance track requires an additional prerequisite course, ACG 2021. Students should seek advising, declare intent, and have approval reevaluated each semester by the international affairs program adviser in 211 Bellamy.

Study Abroad

Students majoring in international affairs are strongly encouraged to participate in the program’s summer curriculum offered in Europe. For more information about the European summer program for international affairs majors, contact the Office of International Programs. See https://international.fsu.edu/ for more information.

Students should consult with the international affairs director about any other study abroad programs they wish to pursue. Course work taken in overseas locations must be approved in advance for credit toward the major.

Internship

The Program in International Affairs encourages students to take advantage of internships with agencies and businesses in Florida’s capital that work in the international arena. International affairs students can also take advantage of internships in Washington, D.C. through the Washington Center Program, and in The Republic of Panama through FSU–Panama. Most significantly, international affairs students can apply for one of the several prestigious internships in London, where we place our students in Parliament, the American Embassy, Amnesty International, NBC, the Associated Press, the British-American Chamber of Commerce, and other significant organizations. All application materials must be submitted and all internships must be approved the semester before the internship takes place. See the IA program adviser in 211 Bellamy for further information.

Honors in the Major

The Program in International Affairs offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Double Majors

Majors in international affairs may also major in disciplines represented by the participating departments. These double majors, however, may only count nine semester hours of course work toward both of their majors. For example, a double major in international affairs and economics may count ECO 4704, 4713, and ECS 4013 toward a major in international affairs and a major in economics. Any additional economics courses that are counted toward the international affairs major (up to a maximum of eighteen semester hours), however, must not also be counted toward the economics major.

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.

A maximum of six semester hours of directed individual studies or internship credits may apply to the minor.

Approved Courses

Descriptions of individual courses can be found under the departments in which they are taught. Note: In addition to the courses listed below, special topics courses may be approved by the program director in any particular term. 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.

Anthropology

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2410</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2416</td>
<td>Childhood Around the World</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2470</td>
<td>Anthropology of Globalization</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3141</td>
<td>World Prehistory</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3212</td>
<td>Peoples of the World</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4142</td>
<td>European Prehistory</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4163</td>
<td>Mesoamerican Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4175</td>
<td>Archaeology Islamic World</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4241</td>
<td>Anthropology of Religion</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4277</td>
<td>Human Conflict</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4302</td>
<td>Sex Roles in Cross-Cultural Perspective</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4309</td>
<td>Conquest of the Americas</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4323</td>
<td>Peoples and Cultures of Mexico and Central America</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4337</td>
<td>Peoples and Cultures of Amazonia</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4352</td>
<td>Peoples and Cultures of Africa</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4363</td>
<td>Japanese Society and Culture</td>
<td>3</td>
</tr>
</tbody>
</table>
### Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2000</td>
<td>Introduction to Economics (3)</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Principles of Macroeconomics (3)</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics (3)</td>
</tr>
<tr>
<td>ECO 3303</td>
<td>History of Economic Ideas (3)</td>
</tr>
<tr>
<td>ECO 3622</td>
<td>Growth of American Economy (3)</td>
</tr>
<tr>
<td>ECO 4704</td>
<td>International Trade (3)</td>
</tr>
<tr>
<td>ECO 4713</td>
<td>International Finance (3)</td>
</tr>
<tr>
<td>ECP 3113</td>
<td>Economics of Population (3)</td>
</tr>
<tr>
<td>ECP 3302</td>
<td>Economics of Natural Resources, Energy and the Environment (3)</td>
</tr>
<tr>
<td>ECP 4118</td>
<td>Introduction to Economic Demography (3)</td>
</tr>
<tr>
<td>ECS 3003</td>
<td>Comparative Economic Systems (3)</td>
</tr>
<tr>
<td>ECS 4013</td>
<td>Economics of Development (3)</td>
</tr>
<tr>
<td>ECS 4333</td>
<td>Transition of Soviet and Eastern European Economies (3)</td>
</tr>
<tr>
<td>ECS 4504</td>
<td>Economics of the Middle East (3)</td>
</tr>
</tbody>
</table>

### Geography

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEA 1000</td>
<td>World Geography (3)</td>
</tr>
<tr>
<td>GEA 2210</td>
<td>United States and Canada (3)</td>
</tr>
<tr>
<td>GEA 3173</td>
<td>Third World in Film (3)</td>
</tr>
<tr>
<td>GEA 3563</td>
<td>The Mediterranean (3)</td>
</tr>
<tr>
<td>GEA 4405</td>
<td>Latin America (3)</td>
</tr>
<tr>
<td>GEA 4500</td>
<td>Europe (3)</td>
</tr>
<tr>
<td>GEA 4520</td>
<td>Britain and Ireland (3)</td>
</tr>
<tr>
<td>GEA 4554</td>
<td>Russia and Southern Eurasia (3)</td>
</tr>
<tr>
<td>GEO 1330</td>
<td>Environmental Science (3)</td>
</tr>
<tr>
<td>GEO 1400</td>
<td>Human Geography (3)</td>
</tr>
<tr>
<td>GEO 3502</td>
<td>Economic Geography (3)</td>
</tr>
<tr>
<td>GEO 4340</td>
<td>Living in a Hazardous Environment (3)</td>
</tr>
<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>GEO 4403</td>
<td>Global Change, Local Places (3)</td>
</tr>
<tr>
<td>GEO 4421</td>
<td>Cultural Geography (3)</td>
</tr>
<tr>
<td>GEO 4471</td>
<td>Political Geography (3)</td>
</tr>
<tr>
<td>GEO 4459</td>
<td>Medical Geography (3)</td>
</tr>
<tr>
<td>GEO 4480</td>
<td>Military Geography (3)</td>
</tr>
<tr>
<td>GEO 4602</td>
<td>Urban Geography (3)</td>
</tr>
</tbody>
</table>

### History

All history courses are on the list of courses approved for international affairs majors except those courses with the AMH (American History) or the HIS prefix. Only 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 4510 United States Foreign Relations to 1900 (3)
AMH 4511 Twentieth-Century United States Foreign Relations (3)
HIS 4250 War and the Nation State (3)

### Modern Languages

Those credit hours earned by taking courses to fulfill the modern language requirement (which must be met by all international affairs majors) cannot be counted toward the international affairs major. Students may, however, earn credit toward the major for additional courses in modern languages. For a departmental concentration in modern languages, students must have a minimum of twelve (12) semester hours of advanced-level course work in one language, including two courses in culture and/or literature. Courses listed below do not require prerequisite language course background.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHI 3391</td>
<td>Chinese Cinema and Culture (3)</td>
</tr>
<tr>
<td>FRT 3140</td>
<td>Masterworks of French Literature in Translation (3)</td>
</tr>
<tr>
<td>FRT 3520r</td>
<td>French Cinema (3)</td>
</tr>
<tr>
<td>GET 3130</td>
<td>Masterpieces of German Literature in Translation: 19th and 20th Centuries (3)</td>
</tr>
<tr>
<td>GET 3524r</td>
<td>German Cinema (3)</td>
</tr>
<tr>
<td>ITT 3430</td>
<td>Masterpieces of Italian Literature in Translation (3)</td>
</tr>
<tr>
<td>ITT 3500</td>
<td>Italian Culture and Civilization: From Origins to the Age of Romanticism (3)</td>
</tr>
<tr>
<td>ITT 3501</td>
<td>Modern Italian Culture: From the Unification to the Present (3)</td>
</tr>
<tr>
<td>ITT 3523r</td>
<td>Italian Cinema (3)</td>
</tr>
<tr>
<td>JPT 3391r</td>
<td>Japanese Film and Culture (3)</td>
</tr>
<tr>
<td>RUT 3110</td>
<td>Russian Literature in English Translation (3)</td>
</tr>
<tr>
<td>RUT 3504</td>
<td>Modern Russian Life (3)</td>
</tr>
<tr>
<td>RUW 3100</td>
<td>Survey of Russian Literature I (3)</td>
</tr>
<tr>
<td>RUW 3101</td>
<td>Survey of Russian Literature II (3)</td>
</tr>
<tr>
<td>SLL 3500</td>
<td>Slavic Culture and Civilization (3)</td>
</tr>
<tr>
<td>SLL 3510</td>
<td>The Slavic Vampire (3)</td>
</tr>
<tr>
<td>SPT 3100</td>
<td>Spanish Literature in Translation (3)</td>
</tr>
<tr>
<td>SPT 3130</td>
<td>Latin American Literature in Translation (3)</td>
</tr>
<tr>
<td>SPT 3391r</td>
<td>Hispanic Cinema (3)</td>
</tr>
</tbody>
</table>

### Philosophy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 2010</td>
<td>Introduction to Philosophy (3)</td>
</tr>
<tr>
<td>PHI 2620</td>
<td>Environmental Ethics (3)</td>
</tr>
<tr>
<td>PHI 3420</td>
<td>Philosophy of the Social Sciences (3)</td>
</tr>
<tr>
<td>PHM 2300</td>
<td>Introduction to Political Philosophy (3)</td>
</tr>
<tr>
<td>PHM 3331r</td>
<td>Modern Political Thought (3)</td>
</tr>
<tr>
<td>PHM 3400</td>
<td>Philosophy of Law (3)</td>
</tr>
<tr>
<td>PHM 4340r</td>
<td>Contemporary Political Thought (3)</td>
</tr>
</tbody>
</table>

### Political Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 2002</td>
<td>Introduction to Comparative Government and Politics (3)</td>
</tr>
<tr>
<td>CPO 3034</td>
<td>Politics of Developing Areas (3)</td>
</tr>
<tr>
<td>CPO 3103</td>
<td>Comparative Government and Politics: Western Europe (3)</td>
</tr>
<tr>
<td>CPO 3123</td>
<td>Comparative Government and Politics: Great Britain (3)</td>
</tr>
<tr>
<td>CPO 3303</td>
<td>Politics of Latin America (3)</td>
</tr>
<tr>
<td>CPO 3403</td>
<td>Comparative Government and Politics: The Middle East (3)</td>
</tr>
<tr>
<td>CPO 3512</td>
<td>Political Development in East Asia (3)</td>
</tr>
<tr>
<td>CPO 3520</td>
<td>Emerging Democracies in Northeast Asia: Korea, Taiwan, Japan (3)</td>
</tr>
<tr>
<td>CPO 3541</td>
<td>Politics of China (3)</td>
</tr>
<tr>
<td>CPO 3930r</td>
<td>Special Topics in Comparative Government and Politics (1–3)</td>
</tr>
<tr>
<td>CPO 4057</td>
<td>Political Violence (3)</td>
</tr>
<tr>
<td>CPO 4504</td>
<td>Institutional Approaches to Democracies and Dictatorships (3)</td>
</tr>
<tr>
<td>INR 2002</td>
<td>Introduction to International Relations (3)</td>
</tr>
<tr>
<td>INR 3004</td>
<td>Geography, History, and International Relations (3)</td>
</tr>
<tr>
<td>INR 3084</td>
<td>Terror and Politics (3)</td>
</tr>
<tr>
<td>INR 3052</td>
<td>International Organization (3)</td>
</tr>
<tr>
<td>INR 3603</td>
<td>Theories of International Relations (3)</td>
</tr>
<tr>
<td>INR 3771</td>
<td>Domestic Politics and International Relations (3)</td>
</tr>
<tr>
<td>INR 3933</td>
<td>Special Topics in International Relations (3)</td>
</tr>
<tr>
<td>INR 4011</td>
<td>Political Responses to Economic Globalization (3)</td>
</tr>
<tr>
<td>INR 4075</td>
<td>International Human Rights (3)</td>
</tr>
<tr>
<td>INR 4078</td>
<td>Confronting Human Rights Violations (3)</td>
</tr>
<tr>
<td>INR 4083</td>
<td>International Conflict (3)</td>
</tr>
<tr>
<td>INR 4102</td>
<td>American Foreign Policy (3)</td>
</tr>
<tr>
<td>INR 4124</td>
<td>Statecraft (3)</td>
</tr>
<tr>
<td>INR 4244</td>
<td>Studies in International Politics: Latin America (3)</td>
</tr>
<tr>
<td>INR 4274</td>
<td>Studies in International Politics: The Middle East (3)</td>
</tr>
<tr>
<td>INR 4334</td>
<td>American Defense Policy (3)</td>
</tr>
<tr>
<td>INR 4702</td>
<td>Political Economy of International Relations (3)</td>
</tr>
<tr>
<td>PAD 3003</td>
<td>Public Administration in American Society (3)</td>
</tr>
<tr>
<td>PHM 3331r</td>
<td>Modern Political Thought (3)</td>
</tr>
<tr>
<td>PHM 4340r</td>
<td>Contemporary Political Thought (3)</td>
</tr>
<tr>
<td>POT 3003</td>
<td>Introduction to Political Thought (3)</td>
</tr>
</tbody>
</table>

### Religion

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL 1300</td>
<td>Introduction to World Religions (3)</td>
</tr>
<tr>
<td>REL 2315</td>
<td>Religions of South Asia (3)</td>
</tr>
<tr>
<td>REL 2350</td>
<td>Religions of East Asia (3)</td>
</tr>
<tr>
<td>REL 3170</td>
<td>Religious Ethics and Moral Problems (3)</td>
</tr>
<tr>
<td>REL 3194</td>
<td>The Holocaust (3)</td>
</tr>
<tr>
<td>REL 3335</td>
<td>Hindu Texts and Contexts (3)</td>
</tr>
<tr>
<td>REL 3337</td>
<td>Goddesses, Women and Power in Hinduism (3)</td>
</tr>
<tr>
<td>REL 3340</td>
<td>The Buddhist Tradition (3)</td>
</tr>
<tr>
<td>REL 3358</td>
<td>Tibetan and Himalayan Religions (3)</td>
</tr>
<tr>
<td>REL 3363</td>
<td>The Islamic Tradition (3)</td>
</tr>
<tr>
<td>REL 3505</td>
<td>The Christian Tradition (3)</td>
</tr>
<tr>
<td>REL 3607</td>
<td>The Jewish Tradition (3)</td>
</tr>
<tr>
<td>REL 4304</td>
<td>Undergraduate History of Religions Seminar (3)</td>
</tr>
<tr>
<td>REL 4333</td>
<td>Modern Hinduism (3)</td>
</tr>
<tr>
<td>REL 4359r</td>
<td>Special Topics in Asian Religions (3)</td>
</tr>
</tbody>
</table>
**Definition of Prefixes**

INR—International Relations

PAX—Peace Studies

**Undergraduate Courses**

INR 3931. Special Topics (1-3). (S/U grade only.) Topics vary. May be repeated within the same term to a maximum of nine (9) semester hours.

INR 3932r. Special Topics in International Affairs (1–3). Topics vary. May be repeated as topics change to a maximum of nine (9) semester hours.

INR 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

INR 4937r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

INR 4941r. Internship (3–6). (S/U grade only.) Prerequisites: Fifteen (15) semester hours beyond liberal studies, a minimum cumulative GPA of 3.0, and instructor permission one semester in advance. Internship placements in approved agencies and organizations. Designed to provide practical experience in the area of international affairs. May be repeated to a maximum of six (6) semester hours.

PAX 3930r. Special Topics in Peace Studies (3). Topics vary. May be repeated to a maximum of fifteen (15) semester hours.

**Graduate Courses**

INR 5012. Problems of Globalism (3).

INR 5906r. Directed Individual Study (1–3). (S/U grade only.)

INR 5910r. Supervised Research (1–3). (S/U grade only.)

INR 5935r. Special Topics (1–3). (S/U grade only.)

INR 5936r. Special Topics in International Affairs (1–3).

INR 5938. Joint Seminar in International Affairs (3).

For listings relating to graduate course work for thesis, master’s comprehensive examination, and thesis defense, consult the *Graduate Bulletin*.
Interdepartmental
ITALIAN STUDIES FLORENCE CENTER MINOR

COORDINATOR: James E. Pitts (International Programs)

The Italian studies Florence Center minor is concerned with the culture of Italy from ancient times to the present. The minor is built around the student’s program of study 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:

ARH 3150 Art and Archaeology of Ancient Italy (3)
ARH 4120 Etruscan Art and Archaeology (3)
ARH 4151 Art and Archaeology of the Early Roman Empire (3)
ARH 4154 Archaeology of the Late Roman Empire (3)
ARH 4210 Early Christian and Byzantine Art (3)
ARH 4304 History of Renaissance Architecture (3)
ARH 4310 Early Italian Renaissance Art: 15th Century (3)
ARH 4312 Later Italian Renaissance Art: 16th Century (3)
ARH 4352 Southern Baroque Art (3)
CLA 2010 Introduction to Greek and Roman Civilization (3)
CLA 2123 The Roman Way: Introduction to Roman Civilization (3)
CLA 3502 Women, Children, and Slaves in Ancient Rome: The Roman Family (3)
CLA 4447r Studies in Roman History (3)
CLA 4789r Classical Archaeology: Field Work (1–6)
CLA 4880 Roman Law (3)
EUH 3431 Modern Italy (3)
EUH 4140 Renaissance (3)
EUH 4244 Fascism (3)
EUH 4412 The Roman Republic (3)
EUH 4413 The Roman Empire (3)
ITW 3391r Italian Cinema (3)
LNN 4320 Roman Lyric, Elegiac, and Pastoral Poetry (3)
LNN 4340 Roman Epic (3)
LNN 4360 Roman Satire (3)
LNN 4380 The Roman Historians and Cicero (3)
MUS 4241 Italian Language and Diction for Singers (3)
PHH 3061 Medieval and Renaissance Philosophy (3)
REL 3505 The Christian Tradition (3)
REL 4564 Modern Roman Catholicism (3)

Italian courses at the 2000 level or above

Note: Each student must have completed at least one introductory course in Italian—on the freshman level—prior to studying at the Florence Center in order to qualify for a minor in Italian studies. Note also that courses used to satisfy the University’s foreign language requirement for the BA degree may not also count in the minor.

Related Courses

These courses may be counted in the minor only when they are taken at the Florence Study Center:

ARH 2000 Art, Architecture, and Artistic Vision (3)
ARH 3056 History and Criticism of Art I (3)
ARH 3057 History and Criticism of Art II (3)
ARH 4211 Early Medieval Art (3)
ARH 4230 Later Medieval Art (3)
ART 1300C Drawing I (3)
CLT 3370 Classical Mythology (3)
ENC 3310 Article and Essay Workshop (3)
ENC 4311 Advanced Article and Essay Workshop (3)
EUH 2000 Ancient and Medieval Civilizations (3)
HUM 2221 Humanities: Homer to Gothic (3)
HUM 2235 Humanities: From the Renaissance to the Enlightenment (3)
HUM 4931r Topics in the Civilization of Britain or Italy (3)
IND 4101r History of Interiors I (3)
PGY 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, University Center A5500, Tallahassee, FL, 32306-2420.

JAPANESE:
see Asian Studies; Modern Languages and Linguistics

LATIN:
see Classics
Program in
Latin American and Caribbean Studies

College of Arts and Sciences

Coordinator: Maricarmen Martinez (Interdisciplinary Humanities)


The Program in Latin American and Caribbean Studies (LACS) is designed to inspire and develop knowledge and experience of the region. Interdisciplinary by design, cooperating departments and several concentrations support innovative blends of teaching and research with the goal of providing undergraduates a solid grasp of Latin America’s present and past, and emphasizing major aspects of the region’s unique structures. Additionally, majors and minors are encouraged to participate in the related programs in Costa Rica and Panama. As the intellectual home for an interdisciplinarity community of scholars, students, and visitors, LACS supports a range of research and teaching amid a broader array of sponsored lectures, cultural events, and internships.

Depending on the areas of emphasis selected and the complementary major or minor, the baccalaureate program may be viewed as preparation for graduate school in various fields or as leading to professions in government and international service, multinational commerce, law, teaching, and translation.

For more information, please refer to http://www.fsu.edu/~lacs.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Latin American and Caribbean studies satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

Requirements for a Major in Latin American and Caribbean Studies

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

The major consists of thirty semester hours beyond the liberal studies requirement to be selected from the approved list of courses taught by the core and affiliated faculty. At least three disciplines must be represented in those courses selected. At least twelve of the total major hours must be at or above the 4000 level. Students also must complete the initial sequence or equivalent of Spanish, Portuguese, or another relevant language approved by the adviser. (This also may be used to satisfy the language requirement of the College of Arts and Sciences.)

Note: A grade of “C-” or better must be earned in a course in order for it to count toward a major or minor in Latin American and Caribbean studies.

Required Minor or Second Major

Students in the major should select a minor or second major after consultation with their adviser; normally it should be one of the participating departments or colleges. Consult the specific department or college concerning its requirements. A minor is not required if the student is pursuing a second major.

Admission

To be admitted into the program, students must complete at least fifty-two semester hours with an adjusted GPA of 2.0 on all University course work, and at least eighteen of the required thirty-six total semester hours in liberal studies, including freshman English and mathematics.

Honors in the Major

The program offers honors in the major. For requirements and other information, refer to the “University Honors Office and Honor Societies” chapter in this General Bulletin.

Minor in Latin American and Caribbean Studies

The program offers a four-course minor in Latin American and Caribbean studies for students majoring in another discipline. The minor is designed for those students who wish to concentrate their work in a major discipline yet maintain a Latin American concentration.

Approved Courses

The major coursework consists of thirty semester hours (beyond the liberal studies requirement) that are to be selected from, but not necessarily limited to, courses listed below. The following courses are subject to change depending on availability.

Anthropology

ANT 4163 Mesoamerican Archaeology (3)
ANT 416Er 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)

Art History

ARH 3800r Methods of Art Criticism (3)*
ARH 4523 West African Art and the Diaspora: Brazil, Haiti, the United States and Suriname (3)*
ARH 4933 Special Topics in Art History (3)*

Business

FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)*
FIN 4604 Multinational Financial Management (3)*
MAN 3600 Multinational Business Operations (3)*
MAN 4605 Cross-Cultural Management (3)*
MAR 4156 Multinational Marketing (3)*

Communication

ADV 3410 Hispanic Marketing Communication (3)

Economics

ECO 4704 International Trade (3)*
ECO 4713 International Finance (3)*
ECS 4013 Economics of Development (3)

English

AML 3630 Latina/o Literature in English (3)
AML 3682 American Multi-Ethnic Literature (3)*
AML 4680r Studies in Ethnic Literature (3)*

Geography

GEA 4405 Latin America (3)

History

AMH 4511 Twentieth Century United States Foreign Relations (3)*
HIS 4930 Special Topics in 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 3321 Multicultural Dimensions of Film and 20th Century Culture (3)*
HUM 3324 Cultural Imperialism (3)*
HUM 3930 Humanities: Special Topics (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)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POR 3141</td>
<td>Portuguese for Advanced Students of Spanish II (3)</td>
<td></td>
</tr>
<tr>
<td>PRT 3391r</td>
<td>Brazilian Literature and Film in Translation (3)</td>
<td></td>
</tr>
<tr>
<td>SPN 3332</td>
<td>Communication in Language and Culture I (3)</td>
<td></td>
</tr>
<tr>
<td>SPN 3333</td>
<td>Communication in Language and Culture II (3)</td>
<td></td>
</tr>
<tr>
<td>SPN 3350</td>
<td>Spanish for Heritage Speakers (3)</td>
<td></td>
</tr>
<tr>
<td>SPN 3440</td>
<td>Language and Culture in Business (3)</td>
<td></td>
</tr>
<tr>
<td>SPN 3520</td>
<td>Cultures of Latin America (3)</td>
<td></td>
</tr>
<tr>
<td>SPN 4440</td>
<td>Business Writing in Spanish (3)</td>
<td></td>
</tr>
<tr>
<td>SPN 4540r</td>
<td>Regional Cultural Studies (3)*</td>
<td></td>
</tr>
<tr>
<td>SPN 4740</td>
<td>Hispanic Sociolinguistics (3)</td>
<td></td>
</tr>
<tr>
<td>SPT 3130</td>
<td>Latin American Literature in Translation (3)</td>
<td></td>
</tr>
<tr>
<td>SPW 3030</td>
<td>Approaching Hispanic Literature (3)</td>
<td></td>
</tr>
<tr>
<td>SPW 3132</td>
<td>Readings from Early Spanish America (3)</td>
<td></td>
</tr>
<tr>
<td>SPW 3391r</td>
<td>Hispanic Cinema (3)</td>
<td></td>
</tr>
<tr>
<td>SPW 3493</td>
<td>Readings from Modern Spanish America (3)</td>
<td></td>
</tr>
<tr>
<td>SPW 4140r</td>
<td>The Poetics of Hispanic Love and Violence (3)*</td>
<td></td>
</tr>
<tr>
<td>SPW 4150r</td>
<td>Transatlantic Encounters (3)</td>
<td></td>
</tr>
<tr>
<td>SPW 4301r</td>
<td>Hispanic Culture and Performance (3)*</td>
<td></td>
</tr>
<tr>
<td>SPW 4491</td>
<td>Spanish American Women Writers (3)</td>
<td></td>
</tr>
<tr>
<td>SPW 4770</td>
<td>Caribbean Literature (3)</td>
<td></td>
</tr>
<tr>
<td>MUH 4541</td>
<td>Music of Latin America I (3)</td>
<td></td>
</tr>
<tr>
<td>MUH 4542</td>
<td>Music of Latin America II (3)</td>
<td></td>
</tr>
<tr>
<td>MUH 4543</td>
<td>Music in the Caribbean (3)</td>
<td></td>
</tr>
<tr>
<td>CPO 3034</td>
<td>Politics of Developing Areas (3)*</td>
<td></td>
</tr>
<tr>
<td>CPO 3303</td>
<td>Politics of Latin America (3)</td>
<td></td>
</tr>
<tr>
<td>INR 4244</td>
<td>Studies in International Politics: Latin America (3)</td>
<td></td>
</tr>
<tr>
<td>REL 3128r</td>
<td>Topics in Religion in the Americas (3)*</td>
<td></td>
</tr>
<tr>
<td>REL 3375</td>
<td>Afro-Caribbean Religions (3)</td>
<td></td>
</tr>
<tr>
<td>REL 4564</td>
<td>Modern Roman Catholicism (3)*</td>
<td></td>
</tr>
</tbody>
</table>

**Sociology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYD 4700</td>
<td>Race and Minority Group Relations (3)*</td>
<td></td>
</tr>
<tr>
<td>SYO 3530</td>
<td>Social Class and Inequality (3)*</td>
<td></td>
</tr>
<tr>
<td>SYO 4550</td>
<td>Comparative Sociology (3)*</td>
<td></td>
</tr>
<tr>
<td>SYP 3400</td>
<td>Social Change (3)*</td>
<td></td>
</tr>
</tbody>
</table>

**Urban and Regional Planning**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 4402</td>
<td>Sustainable Development Planning in the Americas (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** All courses listed above that are marked with an asterisk (*) and additional special topics courses and senior seminars may count toward either a major or minor in Latin American and Caribbean studies if the content deals in part with Latin America and the Caribbean and assigned research papers are written on issues of the region. Students are advised to keep syllabi and research papers from these courses for verification purposes.

**Note:** Descriptions of the above courses may be found under the individual departments in which they are taught.

**Definition of Prefix**

LAS—Latin American Studies

**Undergraduate Courses**

**LAS 4905r. Directed Individual Study (3).** May be repeated to a maximum of six (6) semester hours when content varies. Can be repeated within same semester.

**LAS 4935r. Honors Work (3).** Open to participants in the University and department honors program. Participation in a supervised research problem and the production of a paper describing the results of that work. May be repeated to a maximum of nine (9) semester hours.

**LAS 4940r. Internship in Latin American and Caribbean Studies (1–6).** Prerequisites: Completion of sixty (60) semester hours, completion of fifteen (15) semester hours in LACS, an overall or LACS GPA of 3.0, and advisor permission one semester in advance. Internships in approved organizations provide practical experience in a number of fields, in which the student may apply interdisciplinary knowledge of the region and specific disciplinary training. May be repeated to a maximum of twelve (12) semester hours.
For further details of degree requirements, plus a description of the college and its opportunities, refer to the College of Law Web site at http://www.law.fsu.edu.

**Definition of Prefix**

**LAW** — Law

**Graduate Courses**

**LAW 5000.** Contracts I (2–3).  
**LAW 5011.** Contracts II (2–3).  
**LAW 5100.** Criminal Law and Procedure (4).  
**LAW 5300.** Civil Procedure (4).  
**LAW 5400.** Property I (2–3).  
**LAW 5402.** Property II (2–3).  
**LAW 5501.** Constitutional Law I (3).  
**LAW 5502.** Constitutional Law II (3).  
**LAW 5700.** Torts (4).  
**LAW 5792.** Legal Writing and Research I (2).  
**LAW 5793.** Legal Writing and Research II (2–3).  
**LAW 6010.** Sales and Leases (2–3).  
**LAW 6020.** Commercial Paper (2).  
**LAW 6030.** Secured Transactions (2–3).  
**LAW 6035.** Commercial Law Survey (1–4).  
**LAW 6060.** Business Associations (4).  
**LAW 6062.** Agency and Partnership (2–3).  
**LAW 6080.** Insurance Law (2–3).  
**LAW 6235.** Women and the Law (3).  
**LAW 6260.** International Law (3).  
**LAW 6261.** International Business Transactions (3–4).  
**LAW 6302.** Federal Jurisdiction (3).  
**LAW 6310.** Alternative Dispute Resolution (2–3).  
**LAW 6312.** Mediation (3).  
**LAW 6315.** Arbitration (3).  
**LAW 6521.** Remedies (3).  
**LAW 6530.** Evidence (4).  
**LAW 6420r.** Land Transfer (2–3).  
**LAW 6430.** Gratuities Transfers (4).  
**LAW 6460.** Land Use Regulation (3).  
**LAW 6470.** Environmental Law (3).  
**LAW 6480r.** Natural Resources Law (2–3).  
**LAW 6520.** Administrative Law (1–4).  
**LAW 6524.** Statutory Interpretation (3).  
**LAW 6530.** Local Government Law (3).  
**LAW 6545.** Employment Law Survey (3–4).  
**LAW 6550.** Antitrust Law (2–3).  
**LAW 6555.** Law and Economics (3).  
**LAW 6571.** Intellectual Property I (2–3).  
**LAW 6572r.** Intellectual Property II (2–3).  
**LAW 6600r.** Taxation (3–4).  
**LAW 6610.** Corporate Tax (2–4).  

**LAW 6618.** Taxation of Business Entities (3).  
**LAW 6620.** Estate and Gift Tax (3).  
**LAW 6670.** Real Estate Transactions (3).  
**LAW 6702r.** Products Liability (2–3).  
**LAW 6703.** Advanced Torts (2–3).  
**LAW 6705.** Worker’s Compensation (2–3).  
**LAW 6720r.** Health Law and Policy (2–3).  
**LAW 6765.** Fundamental Financial Concepts (2–3).  
**LAW 6794.** Writing Skills (3).  
**LAW 7040.** Consumer Law (2–3).  
**LAW 7050.** Creditors’ Rights (3).  
**LAW 7054.** Bankruptcy Policy Seminar (2).  
**LAW 7064.** Corporate Finance (2–3).  
**LAW 7111.** Constitutional Criminal Procedure I (2–3).  
**LAW 7112.** Constitutional Criminal Procedure II (2–3).  
**LAW 7116.** Florida Criminal Practice (2–5).  
**LAW 7210.** Jurisprudence (1–4).  
**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 7268.** International Environmental Law (2–3).  
**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 7477.** Environmental Issues in Business Transactions (2–3).  
**LAW 7481.** Energy Law and Policy (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 7574.** International Aspects of Intellectual Property (2–3).  
**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 7910r.** Directed Individual Study (1–5). (S/U grade only.)  
**LAW 7915.** Legislative Policy Studies (1–3).  
**LAW 7930r.** College of Law Special Topics (1–5).  
**LAW 7940r.** Clinical Orientation (1–2). (S/U grade only.)  
**LAW 7945r.** Practicum (1). (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.)  
**LAW 7951r.** Moot Court Competition (1–3). (S/U grade only.)
Program in Law and Society

College of Social Sciences and Public Policy

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 4504</td>
<td>Public Sector Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 4554</td>
<td>Economics of State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>ECO 3302</td>
<td>Economics of Natural Resources, Energy, and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>ECP 3403</td>
<td>Business Organization and Market Structure</td>
<td>3</td>
</tr>
<tr>
<td>ECP 3451</td>
<td>Economics and the Law</td>
<td>3</td>
</tr>
<tr>
<td>ECP 4413</td>
<td>Government Regulation of Business</td>
<td>3</td>
</tr>
<tr>
<td>ECP 4613</td>
<td>Urban Economics</td>
<td>3</td>
</tr>
</tbody>
</table>

Geography

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 4340</td>
<td>Living in a Hazardous Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4372</td>
<td>Natural Resource Assessment and Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Political Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 3123</td>
<td>Comparative Government and Politics: Great Britain</td>
<td>3</td>
</tr>
<tr>
<td>POS 3122</td>
<td>State Politics</td>
<td>3</td>
</tr>
<tr>
<td>POS 3691</td>
<td>Law and Society</td>
<td>3</td>
</tr>
<tr>
<td>POS 4413</td>
<td>The American Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POS 4424</td>
<td>Legislative Systems</td>
<td>3</td>
</tr>
<tr>
<td>POS 4606</td>
<td>The Supreme Court in American Politics</td>
<td>3</td>
</tr>
<tr>
<td>POS 4624</td>
<td>The Supreme Court, Civil Liberties, and Civil Rights</td>
<td>3</td>
</tr>
<tr>
<td>POT 3502</td>
<td>Politics and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>POT 4205</td>
<td>American Political Thought I</td>
<td>3</td>
</tr>
<tr>
<td>POT 4206</td>
<td>American Political Thought II</td>
<td>3</td>
</tr>
<tr>
<td>PUP 3002</td>
<td>Introduction to Public Policy</td>
<td>3</td>
</tr>
</tbody>
</table>

Public Administration and Policy

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 4603</td>
<td>Administrative Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Sociology

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYD 4700</td>
<td>Race and Minority Group Relations</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2010</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SYO 3100</td>
<td>Family Problems and Social Change</td>
<td>3</td>
</tr>
<tr>
<td>SYO 3530</td>
<td>Social Classes and Inequality</td>
<td>3</td>
</tr>
<tr>
<td>SYO 4300</td>
<td>Sociology of Politics</td>
<td>3</td>
</tr>
<tr>
<td>SYP 3540</td>
<td>Sociology of Law</td>
<td>3</td>
</tr>
<tr>
<td>SYP 4570</td>
<td>Deviance and Social Control</td>
<td>3</td>
</tr>
</tbody>
</table>

Urban and Regional Planning

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 4423</td>
<td>Introduction to Environmental Planning and Resource Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Other Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHM 3400</td>
<td>Philosophy of Law</td>
<td>3</td>
</tr>
<tr>
<td>SOP 3751</td>
<td>Psychology and the Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may consult with Dr. Robert E. Crew, Director, Interdisciplinary Programs in Social Science, for additional information.

Leisure Services and Studies:

see Sport Management, Recreation Management and Physical Education
Interdepartmental
LINGUISTICS MINORS

COLLEGE OF ARTS AND SCIENCES
Curriculum Committee: Carolina Gonzalez, Michael Leeser, Lara Reglero, and Gretchen Sunderman (Modern Languages and Linguistics)

Linguistics is concerned with the study of the nature of language. There are linguistic applications in the areas of anthropology, sociology, psychology, mathematics, computer sciences, philosophy, and audiology and speech pathology.

Students (both undergraduate and graduate) who wish to minor in linguistics should speak with the linguistics adviser, who will help them in designing courses of study that fill their personal and professional needs.

Requirements for a Minor in Linguistics

Undergraduate
Undergraduate students in linguistics must take at least twelve semester hours from the linguistics courses listed below; two of these must be core courses.

Core Courses
LIN 3041, 4030, 4040, 4512 or 4905

Other Courses
ANT 4640; LIN 3710, 4930, 5772; EXP 4640; PHI 3220

Note: Additional courses may count with approval of the departmental curriculum committee.

Graduate
Graduate students in linguistics must take at least fifteen semester hours from the linguistics courses listed below; two of these must be core courses.

Core Courses
LIN 5035 or 5045, 5510

Other Courses
LIN 5772, 5908r, 5932; SPN 5805

Note: Additional courses may count with approval of the departmental curriculum committee.

LINGUISTICS:
see also Modern Languages and Linguistics; Anthropology; Communication Disorders; English; and Psychology
Department of MANAGEMENT

COLLEGE OF BUSINESS

Chair: Annette L. Ranft; Professors: Combs, Ferris, Fiorito, Hochwarter, Lamont, Martininko, Perrewe, Stepina; Associate Professors: Douglas, Matherly, Ranft; Assistant Professors: Holcomb, Van Iedekking; Research Associates in Management: O’Connor, Ryals, Simmons, Trammel; Associate in Management: Diez-Arguelles; Assistants in Management: Blass, Devers, Presnell; Visiting Assistants in Management: Decker, Newton; Frances Epipes Professor of Management: Ferris; Haywood and Betty Taylor Eminent Scholar in Business Administration: Perrewe; J. Frank Dame Professor of Management: Fiorito; Carl DeSantis Professor of Business Administration: Lamont; Bank of America Professor of Business Administration: Martininko; Jim Moran Professor of Entrepreneurship: Combs; Jim Moran Professors of Business Administration: Hochwarter, Ranft

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 sectors. Many graduates enter jobs as managerial associates, sales associates, or human resource professionals.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in general management and human resources management satisfy this requirement by earning a grade of “C—” or higher in CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 X201 or ACG X202 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
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 General Management

All students must complete:
1. the University-wide baccalaureate degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this General Bulletin
2. the State of Florida common prerequisites for general management majors
3. the general business core requirements for general management majors
4. the general business breadth requirements for general management majors; and
5. the major area requirements for general management majors.

Note: To be eligible to pursue a general management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All general management majors must complete the following five 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 general 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:

- 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 3011 Risk Management/Insurance (3)

Major Area Requirements

All general 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. the general business core requirements for human resource management majors
4. the general business breadth requirements for human resource management majors; and
5. the major area requirements for human resource management majors.

Note: To be eligible to pursue a human resource management major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All human resource management majors must complete the following five 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:
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 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 4350** Training and Development (3)
**MAN 4390** Current Issues in Human Resource Management (3)
Plus one elective from the following list of courses:
**MAN 4401** Management of Labor and Industrial Relations (3)
**MAN 4441** Negotiation and Conflict Management (3)
**MAN 4605** Cross-Cultural Management (3)
**MAN 4680r** Explorations in International Management (3)
**MAN 4720** Strategic Management and Business Policy (3)
**MAN 4701** Business and Society (3)

Definition of Prefixes

**GEB**—General Business
**MAN**—Management

Undergraduate Courses

**GEB 1030.** Introduction to Careers in Business (3). (S/U grade only.) This course is designed for freshmen and sophomore students who intend to major in business. Career options in various business disciplines are described. Appropriate personal characteristics and skills required for a successful business career are discussed.

**GEB 3213.** Business Communications (3). Prerequisite: Upper-division business major. The course is designed to help business students develop the writing, verbal, and interpersonal skills that are necessary for a successful business career.

**MAN 3025.** Concepts of Management (3). Introduction to the nature and process of management, with emphasis upon management of physical and human resources. (Credit not allowed for business majors.)

**MAN 3240.** Organizational Behavior (3). Behavioral concepts, techniques, and applications for managing human resources in all types of organizations.

**MAN 3940r.** Cooperative Education Work Experience (0), (S/U grade only.)

**MAN 4143.** Contemporary Leadership Challenges (3). Prerequisite: MAN 3240. Course provides broad exposure to the theories and practice of effective leadership and supervision in today’s business and explores contemporary leadership challenges from a practical point of view, with opportunities to develop and practice effective leadership skills.

**MAN 4201.** Organizational Analysis and Change (3). Prerequisite: MAN 3240. Analysis of concepts and processes for effecting change in organizations.

**MAN 4301.** Human Resource Management (3). Prerequisite: MAN 3240. Survey of the human resource management function in organizations. Topics include: selection, recruiting, training, compensation, and performance appraisal.

**MAN 4320.** Staffing (3). Prerequisites: MAN 3240 and MAN 4301. The 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. The study of the methods and implications of making wage and salary decisions for recruiting and retaining employees.

**MAN 4350.** Training and Development (3). Prerequisites: MAN 3240 and MAN 4301. The 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. 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). Corequisite: MAN 3240. A managerial perspective of labor and manpower concepts and issues in industrial and postindustrial society and work organizations.

Graduate Courses

**GEB 5944r.** Graduate Internship (1–6). (S/U grade only.)
**MAN 5245.** Organizational Behavior.
**MAN 5305.** Personnel/Human Resource Management.
**MAN 5721.** Strategy and Business Policy.
**MAN 5906r.** Directed Individual Study (1–3). (S/U grade only.)
**MAN 5907r.** Special Studies in Management (1–3).
**MAN 5911r.** Supervised Teaching (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.
**MAN 6795r.** Doctoral Seminar in Strategic Management: Selected Topics.
**MAN 6911r.** Supervised Research (1–3). (S/U grade only.)
**MAN 6917.** Doctoral Seminar in Management Research: Research Design.
**MAN 6932.** Doctoral Seminar in Strategic Management.
**MAN 6933r.** Doctoral Seminar in Organizational Behavior.
**MAN 6934.** Doctoral Seminar in Management Research: Data Analysis and Interpretation.
**MAN 6941r.** Supervised Teaching (1–3). (S/U grade only.)
**MAN 6979r.** Seminar in Research.

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of MANAGEMENT INFORMATION SYSTEMS

COLLEGE OF BUSINESS

Chair: David B. Paradise; Professors: George, Paradise; Associate Professor: Wasko; Assistant Professors: Armstrong, Bush, Tang; Associate in Management Information Systems: Payne; Thomas L. Williams Jr. Eminent Scholar; George; Sprint Professor of Management Information Systems: Paradise

The Department of Management Information Systems is the youngest department in the College of Business. It was formed to increase the emphasis on technological education in the business curriculum and to consolidate the teaching of management information systems into one unit. The purpose of the curriculum is to provide the student with a broad understanding of the role and use of managerial technology in the various functional areas of modern organizations. The overall intent is to prepare the student for entry-level positions in medium- and large-size organizations leading to high-level technical or managerial careers in both the public and private sectors.

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 management information systems satisfy this requirement by earning a grade of "C–" or higher in 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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
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 Management Information Systems

All students must complete: (1) the University-wide baccalaureate degree requirements summarized in the "Undergraduate Degree Requirements" chapter of this General Bulletin; (2) the State of Florida common prerequisites for management information systems majors; (3) the general business core requirements for management information systems majors; (4) the general business breadth requirements for management information systems majors; and (5) the major area requirements for management information systems majors.

Note: To be eligible to pursue a management information systems major, students must meet the admission requirements of the College of Business. These admission requirements are described in the "College of Business" chapter of this General Bulletin.

General Business Core Requirements

All management information systems majors must complete the following five courses. A grade of "C–" or better must be earned in each course.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUL 3310</td>
<td>The Legal Environment of Business (3)</td>
</tr>
<tr>
<td>FIN 3403</td>
<td>Financial Management of the Firm (3)</td>
</tr>
<tr>
<td>GEB 3213</td>
<td>Business Communications (3)</td>
</tr>
<tr>
<td>MAN 3240</td>
<td>Organizational Behavior (3)</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Basic Marketing Concepts (3)</td>
</tr>
</tbody>
</table>

General Business Breadth Requirements

All management information systems majors must complete three courses as follows. Each course selected must be completed with a grade of "C–" or better.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 4720</td>
<td>Strategic Management and Business Policy (3)</td>
</tr>
<tr>
<td></td>
<td>Plus two electives from the following list of courses:</td>
</tr>
<tr>
<td>FIN 3244</td>
<td>Financial Markets, Institutions, and International Finance Systems (3)</td>
</tr>
<tr>
<td>HFT 3240</td>
<td>Managing Service Organizations (3)</td>
</tr>
<tr>
<td>ISM 3003</td>
<td>Foundations of Management Information Systems (3)</td>
</tr>
<tr>
<td>MAN 3504</td>
<td>Services Operations Management (3)</td>
</tr>
<tr>
<td>MAN 3600</td>
<td>Multinational Business Operations (3)</td>
</tr>
<tr>
<td>MAR 3400</td>
<td>Professional Selling (3)</td>
</tr>
<tr>
<td>QMB 3200</td>
<td>Quantitative Methods for Business Decisions (3)</td>
</tr>
<tr>
<td>REE 3043</td>
<td>Real Estate (3)</td>
</tr>
<tr>
<td>RMI 3011</td>
<td>Risk Management/Insurance (3)</td>
</tr>
</tbody>
</table>

Major Area Requirements

All management information systems (MIS) majors must complete the three MIS core classes and all courses in one of the tracks listed below for a total of six courses. Courses in one track may not be substituted for courses in a different track. 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 class. In all cases, prerequisites to courses must be completed with a grade of "C–" or better before subsequent courses may be entered.

MIS Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 4113</td>
<td>Management Information Systems Analysis and Design (3)</td>
</tr>
<tr>
<td>ISM 4212</td>
<td>Information for Operating Control and Data Management (3)</td>
</tr>
<tr>
<td>ISM 4220</td>
<td>Information and Communications Systems Management (3)</td>
</tr>
</tbody>
</table>

Managerial Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 4117</td>
<td>Decision Support and Expert Systems Management (3)</td>
</tr>
<tr>
<td>ISM 4300</td>
<td>Technology Management (3)</td>
</tr>
<tr>
<td>ISM 4314</td>
<td>Project Management (3)</td>
</tr>
</tbody>
</table>

Technical Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS 4404</td>
<td>Advanced Application Development (3)</td>
</tr>
<tr>
<td>CGS 3416</td>
<td>Java for Non-Majors (3)</td>
</tr>
</tbody>
</table>

Definition of Prefixes

CGS—Computer General Studies
ISM—Information Systems Management

Undergraduate Courses

CGS 3403. Introduction to COBOL Programming for Business (3). Prerequisite: CGS 2100. Study of the use of COBOL in business and government organizations. Specific programs are developed to solve typical management and data processing problems. Structured approaches to problems and design solutions are discussed in detail. Also taught by the Department of Computer Science.

CGS 4404. Advanced Application Development (3). 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.

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. 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). Prerequisite: None. In-depth treatment of the theory and practice of management information systems including information requirements analysis, design methodology, and system implementation considerations. For MIS majors only.

ISM 4117. Decision Support and Expert Systems Management (3). Prerequisite: ISM 4212. The design, development, implementation, and management of decision support and expert systems; includes concepts of data management, modeling decision support systems, and decision making. For MIS majors only.
ISM 4212. Information for Operating Control and Data Management (3). Prerequisite: ISM 4113. Covers the theory, techniques, and applications of information management and control including organizations as information-processing systems and executive support systems. For MIS majors only.

ISM 4220. Information and Communications Systems Management (3). Prerequisite: ISM 4113. An introduction to the design, operation, and management of 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). Prerequisites: ISM 4212. 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 4905r. Directed Individual Study (1–3). May be repeated to twelve (12) 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 (9) 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 (3) hours credit allowed in a semester. May be repeated to a maximum of six (6) semester hours.

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

Graduate Courses

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 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 5428. Knowledge Management and Business Intelligence (3).
ISM 5475. Client/Server Applications (3).
ISM 5507. E-Business (3).
ISM 5906r. Directed Individual Study (1–3). (S/U grade only.)
ISM 5907r. Information and Systems Management: Special Studies in Management (1–3).
ISM 5935r. Special Topics in Information and Management Sciences (1–3).
ISM 6109. Doctoral Seminar in General Systems Theory (3).
ISM 6395. Doctoral Seminar in Management Information Systems (3).
ISM 6405. Doctoral Seminar in Decision Processes and Structures (3).
ISM 6885. Seminar on Applied MIS Research (3).
ISM 6917r. Supervised Research (1–3). (S/U grade only.)
ISM 6919r. Supervised Teaching (1–3). (S/U grade only.)
ISM 6979. Doctoral Seminar in Research Methods and the Philosophy of Science (3).

For listings relating to graduate course work for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.
Department of MARKETING

COLLEGE OF BUSINESS

Chair: Michael Hartline; Professors: Brusco, Cronin, Downs, Flynn, Giunipero, Goldsmith, Hofacker; Associate Professors: Brady, Hartline, Kim; Knight; Assistant Professors: Andrews; Bonney, Lee, Plouffe, 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 Professor of Business Administration: Brady; Charles A. Bruning Professor of Business Administration: Hartline; Synovus Professor of Business Administration: Brusco

The marketing 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.

The curriculum includes qualitative and quantitative elements with an emphasis on the integration of both marketing and operations in 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 creatively; (4) communicate effectively; and (5) gain broad perspectives essential to the attainment of top management responsibilities.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in marketing satisfy this requirement by earning a grade of “C–” or higher in CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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
4. ECO X103
5. ECO X023
6. MAC X233 or MAC X230
7. STA X023 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. the general business core requirements for marketing majors
4. the general business breadth requirements for marketing majors; and
5. the major area requirements for marketing majors.

Note: To be eligible to pursue a major in marketing, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All marketing majors must complete the following five 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 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).
- 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 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 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).
- QMB 4700 Operations Research for Managerial Decisions (3).

Plus two electives from the following list of courses (Electives may be chosen to complete one of the two concentrations described below. A concentration is not required):

- MAN 3600 Multinational Business Operations (3).
- MAR 3231 Retailing Management (3).
- MAR 3232 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 4403 Sales Management (3).
- MAR 4415 Advanced Sales Techniques (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).
- MAR 4941 Internship in Marketing (3).

Students may select their marketing electives to complete one of the following concentrations:

- Service Operations. Take MAR 4841 plus one other marketing elective from the list above.
- Professional Selling. Take MAR 3400 as a business breadth elective, MAR 4403, and MAR 4415.

Definition of Prefixes

HFT—Hospitality Management
GEB—General Business
MAN—Management
MAR—Marketing
QMB—Quantitative Methods in Business
Undergraduate Courses

**Prerequisite:** MAR 3023. 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. Introduces the student to marketing management decision making in international environments through the use of case studies and/or business games.

**MAR 4203. Logistics and Supply Chain Management (3).** Prerequisites: MAR 3023 and QMB 4700. This course introduces students 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. 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. Examines marketing research as an information-seeking activity for the purpose of management decision making.

**MAR 4613. Marketing Research (3).** Prerequisites: MAR 3023 and QMB 3200. Examines marketing research as an information-providing activity for the purpose of management decision making.

**MAR 4614. Advanced Marketing Research (3).** Prerequisite: MAR 4613. Provides experience in designing and conducting actual marketing research studies.

**MAR 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 (12) semester hours.

**MAR 4930r. Marketing Seminar (3).** Prerequisite: MAR 3023. Various topics taught by different instructors each semester. May be repeated to a maximum of six (6) semester hours.

**MAR 4941. Internship in Marketing (3).** (S/U grade only.) Prerequisite: MAR 3023. Consent of internship director and faculty advisor required. Provides student with on-the-job experience in major area.

**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 (6) semester hours. Six (6) semester hours of thesis are required to complete honors in the major.

**QMB 4700. Operations Research for Managerial Decisions (3).** Prerequisite: MAN 3504. Quantitative analysis for management decisions involving such topics as linear programming, inventory control, queuing, and project management.

Graduate Courses

**HFT 6467** Hospitality Finance (3).

**HFT 6739** Seminar in Hospitality and Tourism (3).

**HFT 6747** Hospitality and Tourism Services Marketing and Research (3).

**HFT 6816** Hospitality and Tourism Research (3).

**HFT 6838** Special Topics in Hospitality and Tourism Theory (3).

**HFT 6966** Supervised Research (3).

**HFT 6980** Dissertation (1–12). (S/U grade only.)

**HFT 8965** Hospitality and Tourism Management Doctoral Preliminary Examination (0). (P/F grade only.)

**HFT 9881** Hospitality and Tourism Management Dissertation Defense Examination (0). (P/F grade only.)

**HFT 9881** Hospitality Finance (3).

**GEB 6904r.** Readings for Examination (1–12). (S/U grade only.)

**MAN 5501.** Operations Management (3).

**MAN 5601.** Multinational Business Operations (3).

**MAN 6930.** Doctoral Seminar in Productive Systems Management: Planning and Control (3).

**MAN 6931.** Doctoral Seminar in Productive Systems Management: Strategy and Design (3).

**MAN 5125.** Marketing Strategy in the Global Environment (4).

**MAN 5409.** Business-to-Business Sales and Marketing (3).

**MAN 5465.** Purchasing and Supply Chain Management (3).

**MAN 5466.** Supply Chain II: Seminar in Customer Relations (4).

**MAN 5505.** Consumer Behavior (3).

**MAN 5726.** Electronic Business in Supply Chain Marketing (3).

**MAN 5816.** Marketing Strategy (3).

**MAN 5907r.** Directed Individual Study (1–3). (S/U grade only.)

**MAN 5908r.** Special Studies in Management (1–3).

**MAN 5917r.** Supervised Research (1–3). (S/U grade only.)

**MAN 5935r.** Special Topics in Marketing (1–3).

**MAN 5940r.** Supervised Teaching (1–3). (S/U grade only.)

**MAN 5971r.** Thesis (3–6). (S/U grade only.)

**MAN 6657.** Seminar in Marketing: Selected Topics in Consumer Behavior (3).

**MAN 6636.** Quantitative Methods I: Measurement, Scaling, and Choice (3).

**MAN 6658.** Quantitative Methods II: Psychometric and Econometric Approaches to Marketing (3).

**MAN 6665.** Seminar in Marketing Models (3).

**MAN 6817.** Seminar in Marketing Management (3).

**MAN 6828.** Seminar in Marketing: Elements and Integration of Marketing Strategy (3).

**MAN 6919r.** Supervised Research (1–3). (S/U grade only.)

**MAN 6919r.** Supervised Teaching (1–3). (S/U grade only.)

**MAN 6979.** Seminar in Marketing: Research Methodology (3).

**QMB 5755.** Studies in Operations Research (3).

**QMB 5906r.** Directed Individual Study (1–3). (S/U grade only.)

**QMB 5907r.** Special Studies in Management (1–3).

**QMB 5935r.** Special Topics in Quantitative Methods (1–3).

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

Department of MATHEMATICS

COLLEGE OF ARTS AND SCIENCES

Chair: Philip L. Bowers; Associate Chair: Bellenot; Associate Chair for Graduate Studies: Case; Director of Basic Mathematics: Stiles, Director of Applied Mathematics: Kopriva; Director of Financial Mathematics: Okten; Director of Biomathematics: Bertram; Director of Pure Mathematics: Hirokawa; Co-Directors of Actuarial Science: Case, Paris; Professors: Aluffi, Bellenot, P. Bowers, Case, S. Fenley, Gallivan, Heil, Huckaba, Hussaini, Klassen, Kopriva, Marcolli, Mesterton-Gibbons, Mio, Nichols, Oberlin, Quine, Seppala, Tam, van Hoeij, Q. Wang, Xun Wang; Associate Professors: Aldrovandini, Bertram, Hirokawa, Hurdal, Kercheval, Magnan, Nolder, Okten, Stiles, Sussman; Assistant Professors: Agashe, Cogan, Ewald, Goncharov, Horne, Kim, Musliani, Petersen; Research Associates in Mathematics: Blackwelder, Boyd, Dodaro, Everage, Grigorian, Woolard; Associates in Mathematics: Kirby, Kutter, Assistants in Mathematics: K. Bowers, Paris; Professors Emeriti: Blumsack, Bryan, Gilmer, Heerema, Howard, Kreimer, Mott, Summers, Wright; Courtesy Professors: Beaumont, Chen, M. Fenley, Gan, Mascagni, Tabak, Zeichiedrich

The Department of Mathematics (http://www.math.fsu.edu) offers programs of study leading to the Bachelor of Science (BS) and Bachelor of Arts (BA) degrees, the Master of Science (MS) and Master of Arts (MA) degrees, and the Doctor of Philosophy (PhD) degree. (For details of the Master’s and Doctoral degrees, see the Graduate Bulletin.) A combined degree plan may be developed for a strong undergraduate, especially one entering with advanced credit. This allows a student to earn both a Bachelor’s and a Master’s degree in about five years. A degree in mathematics can be regarded as the central component of a liberal education, or as preparation for professional study in another field or mathematics graduate study. Students can also look forward to employment in an industrial or financial firm, a governmental agency, or teaching in a secondary, college, or university institution; The Actuarial Science program is professionally oriented toward the insurance and financial sectors.

The department has a widely recognized research faculty, all of whom teach undergraduate students. Under the direction of a faculty member, selected students may choose to pursue an individual research project under Honors in the Major. For all students, the University provides Internet access, course Web pages and communications, and access to a number of leading databases, including the Mathematical Review. The department operates its own network of computers and computer labs. Faculty and students in the department have access to a variety of mathematical software, which is used in courses and in research. For additional information, see the department Web site.

The department offers opportunities for its majors to participate in learning activities outside the classroom. The Florida State University Mathematical Society provides a venue in which undergraduate students and faculty meet monthly to share interests and enjoy an accessible lecture by a faculty member or a distinguished visitor. The Florida State Student Actuarial Society benefits from a first-rate professional relationship with actuarial employers; actuaries from government, insurance, and consulting firms often visit the department to describe the field and interview students for summer internships and employment. The students share experiences about summer internships and prepare for actuarial examinations; well-placed graduates of the program help current students. The department fields a team for the William Lowell Putnam Examination, a nationwide competition among mathematics students conducted annually by the Mathematical Association of America. A Fall seminar is held for students to become familiar with Putnam-style problems and to hone their skills at solving them. Each year the local chapter of the national mathematics honorary society Pi Mu Epsilon inducts students of high academic achievement from each of the three majors. All of these activities offer opportunities to socialize while learning.

Departmental Programs

There are five majors leading to the Bachelor’s degree: applied and computational mathematics, pure mathematics, biomathematics, mathematics/FSU-teach, and actuarial science (please consult the “Programs in Actuarial Science” section of this Undergraduate Bulletin). In any of these majors, students who intend to pursue graduate work in higher mathematics are encouraged to include appropriate mathematics sequences. Under the direction of a faculty member, a student may pursue a flexible major program to fit particular interests or an individual research project under honors in the major.

Combined BS/MS Degrees

This program in mathematics is built on the department’s four major options at the graduate level: (pure) mathematics, applied and computational mathematics, 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 (12) semester hours of courses from a master’s option may be dual-eligible for credit toward the Bachelor’s degree.

Academic Performance

A grade of “C–” or better is required in all courses to be counted toward these degrees. A student who has accumulated more than five grades below “C–” (including grades of U) in mathematics or computer science courses taken for college credit at Florida State University or elsewhere, whether repeated or not, will not be permitted to continue as a major in the department.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in mathematics, applied mathematics and biomathematics satisfy this requirement by earning a grade of “C–” or higher in CGS 3406 or COP 3014. Undergraduate majors in actuarial science satisfy the same requirement and also earn a grade of “C–” or higher in COP 3014 or CGS 3406.

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/navigation/detail_ext/cpp_intro.do?pageid=060304 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 (1) scientific programming course for three (3) credit hours designed for computer science majors

Note: All universities require a “C” grade or better for admission.

2. MAC X311

3. MAC X312

4. MAC X313

5. BSC XXXX/XXXXL or CHM XXXX/XXXXL or GLY XXXX/XXXXL or PHY XXXX/XXXXL: one (1) laboratory based science course for four (4) credit hours designed for science majors

Note: All universities require a “C” grade or better for admission.

6. MAP X302

Actuarial Science

1. COP XXXX: one (1) scientific programming course for three (3) credit hours designed for computer science majors

Note: All universities require a “C” grade or better for admission.

2. ECO X013

3. ECO X023

4. MAC X311

5. MAC X312

6. MAC X313

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. The student should also obtain, from the departmental office and Web site, revisions to the degree guidelines since this printing.
The Bachelor of Arts (BA) degree in mathematics or actuarial science can be obtained by completion of the Bachelor of Science (BS) degree requirements plus additional courses required by the University as set forth in the “Undergraduate Degree Requirements” chapter of this General Bulletin.

Students should complete the State of Florida common 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 skills, 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 three mathematics majors (pure, applied/computational, or biomedical) by completing all of the prerequisite and degree requirements for each selected program. A student may also complete a second major in another department. The flexible plan major is particularly appropriate for students in other majors who seek deeper mathematics study, or students in mathematics who have interdisciplinary interests.

Requirements for a Minor in Mathematics
A minor in mathematics consists of twelve (12) semester hours in courses with prefixes MAA, MAC, MAD, MAP, MAS, MAT, MGF, MHF, and MTG, but not including any of the courses numbered 1XXX, or MAC 2233. A grade of “C–” or better must be earned in each course counted toward the minor.

Baccalaureate Degree in Mathematics
Courses required for each of the degree options in mathematics are MAP 2302 and MAS 3105. The student must exhibit proficiency in a scientific computer programming language, and must also satisfy the University’s computer skills competency requirement. Students will normally complete COP 3014 or CGS 3406 to satisfy both those requirements, although the former may be shown by courses in C, C++, FORTRAN, Java, or another approved higher-level language. Successful completion of MAD 3703 will also suffice. STA 4321 is required. 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, 4341, 4342; MAS 4106, 4203, 4303; MAT 4934; MGF 3301; MHF 4302; MTG 4302. At least one of the sequences following, or an approved substitution, must be included: MAA 4226-4227. 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 MAF 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.

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 CGS 3406 or equivalent; and four repetitions of actuarial tutorial MAT 4930r; STA 4321 is required.

For the most recent information concerning course requirements for this program, please refer to http://www.math.fsu.edu.

Baccalaureate Degree in Accounting Science
Students should complete the State of Florida common program prerequisites, the student will complete collateral science courses including BSC 2010, 2010L, 211; CHM 1045C, 1045L, 2048C or 2053C; and at least one upper-division course on a list of such courses, typically PCB 3063. No additional minor is required. MAP 2480 and MAP 4481 are required, along with upper-division mathematics courses from a list of approved courses. Students should consult the departmental office or the Web site for exact requirements.

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, CGS 3406, COP 3014, MAS 3105, and STA 4321), the student will complete a course in each of four mathematical areas (Algebra, Geometry, Modeling and two additional electives (one at the 3000 level or above). The courses acceptable for each mathematical area are: for Algebra: MAA 3301, MAS 4203 or MAS 4302; for Analysis: MAA 4402, MAA 4224 or MAA 4226; for Modeling: MTG 4302; for Modeling: MAP 4103, MAP 4175, MAP 4180 or MAP 4481; and for electives: MAA 4227, MAD 2104, MAD 3105, MAP 2302, MAP 4170, MAP 2420, MAP 4216, MAP 4341, MAS 4106, MAS 4303, MGF 3301, MHF 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.

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 or MAC 2311. 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
MHT — 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 from MGF 3301 or MAD 2104 or other proof-based courses. A rigorous treatment of elementary calculus. Topics include the completeness of the real numbers, sequences and series, limits and continuity, derivatives, integrals, the Fundamental Theorem of Calculus, and sequences and series of functions.

MAA 4226, 4227. Advanced Calculus II (3, 3). Prerequisites: MAC 2313, MAS 3105, and prior experience with mathematical proofs from MGF 3301 or MAD 2104 or other proof-based courses. Functions, sequences, limits; continuity, uniform continuity; differentiation; integration; convergence, uniform convergence. For strong students with adviser approval only.

MAA 4402. Complex Variables (3). Prerequisite: MAC 3133. Analytic functions, Cauchy-Riemann conditions; complex integration, Cauchy’s theorem and integral formula; power series, analytic continuation, Riemann surfaces; residues and applications; conformal mapping.

MAC 1105. College Algebra (3). Prerequisite: MAT 1033 with a grade of “C−” or better or a suitable 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.

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 and graphs, especially higher degree polynomial, rational, exponential, and logarithmic functions; systems of equations; solution of linear systems, matrix methods; determinants; sequences and series, induction; and the binomial theorem. 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 (4) hours for students who took MAC 1141 and received a grade of “C−” or better. This is a one-semester course encompassing the topics of MAC 1140 (Precalculus Algebra) and MAC 1144 (Analytic Trigonometry). See the topics for MAC 1140 and MAC 1144.

MAC 2233. Calculus 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 in MAC 2311 with a grade of “C−” or better. (See Credit Note 2 above.) Limits, continuity, first and higher derivatives, and the differential, with applications to graphing, rates of change, and optimization methods; techniques of integration and applications; introduction to multivariate calculus.

MAC 2311. Calculus with Analytic Geometry I (4). Prerequisites: MAC 1147; or MAC 1140 and 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 topics.

MAC 2312. Calculus with Analytic Geometry II (4). Prerequisite: MAC 2311 or suitable mathematics examination placement score. Techniques of integration; applications of integration; series and Taylor series; differential equations. This course must be taken for reduced credit by students with prior credit for some of the content.

MAD 2104. Discrete Mathematics I (3). Prerequisite: MAC 1140. Recommended prerequisite: MAC 2311. Credit is not also allowed for MGF 3301. Techniques of definition and logical argument; sets and functions; propositional logic; introduction to graphs and relations; and applications.

MAD 2310. Discrete Mathematics II (3). Prerequisite: MAD 2104 or MGF 3301. Techniques of definition and logical argument; graphs and digraphs; relations; Boolean algebra; calculus and applications.

MAD 3703. Numerical Analysis I (3). Prerequisites: MAD 2312 and competence in a programming language suitable for numeric computations, such as C, C++, FORTRAN, JAVA, or PASCAL. This course covers root finding, interpolation and polynomial approximation, numerical differentiation and integration, direct and iterative methods for systems of linear equations.


MAE 4813. Number Systems (4). Principles and operations related to finite and infinite subsets of the real numbers are investigated, compared, and contrasted with an emphasis on understanding. Not open to students majoring in mathematics.

MAE 4815. Elements of Algebra (3). The algebra of sets and the algebra of real numbers are studied. Concepts rather than rote manipulations are emphasized. Not open to students majoring in mathematics.

MAE 4816. Elements of Geometry (3). A variety of traditional and innovative geometric topics are explored via a hands on approach. Topics include congruence, similarity, Pythagorean triples, and areas of curvilinear figures. Not open to students majoring in mathematics.

MAE 4874. Fundamental Principles of Algebra (2). A 2000-level course in mathematics or two years experience in teaching secondary school mathematics and not open to students majoring in mathematics.

MAE 4878. Introduction to Applications of Mathematics for Teachers (2). Prerequisite: A 2000-level course in mathematics or two years experience in teaching high school mathematics or permission of the department chair. Not open to mathematics majors only. This course offers an introduction to applications of mathematics for teachers.

MAP 2302. Ordinary Differential Equations (3). Prerequisite: MAC 2312. Students with a grade of “B−” or less in MAC 2312 should take MAP 2302 before MAP 2302. Not open to students having credit in MAP 3305. Differential equations of the first order, linear equations of the second, systems of first order equations, power series solutions, Laplace transforms, numerical methods.

MAP 2480. Biocalculus Computer Laboratory (1). Prerequisite: MAC 2311. This computer laboratory applies to calculus methods and mathematical programming software which assist students in solving biology, medicine, and psychology problems.

MAP 3305. Engineering Mathematics I (3). Prerequisite: MAC 3133 or MAC 2312 with a grade of “C−” or better. Not open to students having credit in MAP 2302. Ordinary differential equations, Laplace transform. Linear algebra: determinants, matrices, eigenvalues, and eigenvectors.

MAP 3306. Engineering Mathematics II (3). Prerequisite: MAC 2313 and MAP 2302 or MAP 3305. Not open to students having credit in MAP 4341. This course offers Fourier series and Fourier transforms, introduction to partial differential equations.

MAP 4103. Mathematical Modeling (3). (S/U grade only.) Prerequisites: MAC 2313; MAP 2302; MAS 3105; PHY 2048C. Application of mathematics to real life situations, construction of mathematical models, use of elementary and advanced mathematical methods, and case studies.

MAP 4153. Vector Calculus with Introduction to Tensors (3). Prerequisite: MAC 2313. Vector calculus; Green’s Theorem; divergence, curl; differential operators; vector fields, line integrals, surface integrals, Stokes’ and Green’s theorems. Not open to students majoring in mathematics.

MAP 4170. Introduction to Actuarial Mathematics (4). Prerequisite or corequisite: MAC 2313. Amount function, dollar-weighted and time-weighted rates, force of interest; spot forward, futures, forward, swap; bond, option; 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 single- and multiple-life survival analysis; mortality laws, deterministic methods, and contingent payments and annuities; premium principles and reserves for continuous, discrete, and semi-continuous insurance products; multiple decrement mortality (competing risks) and applications.


MAP 4202. Optimization (3). Prerequisites: MAC 2313, MAD 3703, and MAS 3105. Linear programming, unconstrained optimization, searching strategies, equality and inequality constraints.

MAP 4216. Calculus of Variations (3). Prerequisites: MAP 2302 and MAA 4226 or MAA 4224 or MAP 4341. The course covers fundamental problems, weak and strong extremum, necessary and sufficient conditions, Hamilton-Jacobi theory, dynamic programming, control theory and Pontryagin maximum principle.

APPENDIX B

Graduate Courses

MAA 5306. Advanced Calculus I (3).
MAA 5307. Advanced Calculus II (3).
MAA 5406. Theory of Functions of a Complex Variable I (3).
MAA 5407. Theory of Functions of a Complex Variable II (3).
MAA 5616. Measure and Integration I (3).
MAA 5617. Measure and Integration II (3).
MAA 5721. Computer Analysis (3).
MAA 5932. Topics in Analysis (1–3).
MAF 5305. Graph Theory (3).
MAF 5403. Foundations of Computational Mathematics I (3).
MAF 5404. Foundations of Computational Mathematics II (3).
MAF 5420. Numerical Optimization (3).

MAP 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 5423. Complex Variables, Asymptotic Expansions, and Integral Transforms (3).
MAP 5431. Introduction to Fluid Dynamics (3).
MAP 5441. Perturbation Theory (3).
MAP 5485. Introduction to Mathematical Biophysics (3).
MAP 5486. Computational Methods in Biology (3).
MAP 5513. Wave Propagation Theory (3).
MAP 5601. Introduction to Financial Mathematics (3).
MAP 5611. Introduction to Computational Finance (3).
MAP 5932r. Topics in Applied Mathematics (1–3).
MAP 5507. Groups, Rings, and Vector Spaces I (3).
MAP 5508. Groups, Rings, and Vector Spaces II (3).
MAP 5511. Abstract Algebra I (3).
MAP 5512. Abstract Algebra II (3).
MAP 5531r. Algebraic Structures I (3).
MAP 5532r. Algebraic Structures II (3).
MAP 5731. Computer Algebra (3).
MAP 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.)
MFF 5206. Foundations of Mathematics (3).
MFF 5306. Mathematical Logic I (3).
MTG 5326. Topology I (3).
MTG 5327. Topology II (3).
MTG 5346. Algebraic Topology I (3).
MTG 5347. Algebraic Topology II (3).
MTG 5376r. Topological Structures I (3).
MTG 5932r. Topics in Geometry (1–3).
OCF 5256. Fluid Dynamics: Geophysical Applications (3).
MAA 6416r. Advanced Topics in Analysis (3).
MAA 6933r. Advanced Seminar in Analysis (1). (S/U grade only.)
MAA 6408r. Advanced Topics in Numerical Analysis (3).
MAA 6933r. Advanced Seminar in Scientific Computing (1). (S/U grade only.)
MAP 6434r. Advanced Topics in Hydrodynamics (3).
MAP 6437r. Advanced Topics in Applied Mathematics (3).
MAP 6621. Financial Engineering I (3).
MAP 6939r. Advanced Seminar in Applied Mathematics (1). (S/U grade only.)
MAS 6396r. Advanced Topics in Algebra I (3).
MAS 6939r. Advanced Seminar in Algebra (1). (S/U grade only.)
MAT 6908r. Directed Individual Study (1–4). (S/U grade only.)
MAT 6932r. Advanced Topics in Mathematics (1–3).
MAT 6933r. Selected Advanced Topics (1–3). (S/U grade only.)
MAT 6939r. Advanced Graduate Seminar (1). (S/U grade only.)
MTG 6396r. Advanced Topics in Topology (3).
MTG 6939r. Advanced Seminar in Topology (1). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master's and doctoral examinations and defense, consult the Graduate Bulletin.

---

**MATHEMATICS EDUCATION:**

see Middle and Secondary Education
The ability to function on multi-disciplinary teams;

are that our graduates demonstrate the following:

3. Become engineering professionals by engaging in professional activities

4. Function effectively in increasingly multi-cultural and multi-disciplinary

The College of Engineering provides several computer labs running a variety

equipment for experimentation, data acquisition, post processing, and analysis.

The design curriculum culminates with a one-year (two-semester)

capstone design course in which the students design and implement a full sys-

tem or product, usually under industrial sponsorship.

Several undergraduate teaching laboratories provide extensive experimen-
tal apparatus for laboratory courses. The fluid mechanics laboratory, heat trans-
ferr 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 mod-

ules, 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 de-

partment has developed the following program educational objectives. We ex-

pect our graduates in the first five years upon graduation from our program to:

1. Excel in industrial, research, or graduate work in mechanical engineering

or allied fields;

2. Design and analyze devices and products that meet the needs of society, based

on sound scientific knowledge and engineering practices;

3. Become engineering professionals by engaging in professional activities and

continuous self-development;

4. Function effectively in increasingly multi-cultural and multi-disciplinary

environments across regional and national borders.

Program Outcomes

In fulfilling the undergraduate educational objectives, the desired outcomes are that our graduates demonstrate the following:

• The ability to apply knowledge of mathematics, calculus-based science, and engineering to mechanical engineering problems;

• The ability to design and conduct experiments, as well as to analyze and interpret data;

• The ability to design thermal and mechanical systems, components, or processes to meet desired needs;

• The ability to function on multi-disciplinary teams;

• The ability to identify, formulate, and solve engineering problems;

• The understanding of professional and ethical responsibility;

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://facts23.facts.org/navigation/detail_ext/cpp_intro.do?pageId=060304 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
2. ENC X102
3. MAC X311 or MAC X281 or MAC X282 or MAC X283
4. MAC X312 or MAC X281 or MAC X282 or MAC X283
5. MAC X313 or MAC X281 or MAC X282 or MAC X283
6. MAP X302
7. CHM X045/X045L or CHS X440 Chemistry for engineers
8. PHY X048/X048L
9. PHY X049/X049L
10. XXX XXXX: six (6) credit hours in the humanities
11. XXX XXXX: six (6) credit hours in social science
12. XXX XXXX: three (3) additional credit hours in humanities or social science

Core Program

A candidate for the Bachelor of Science (BS) degree in mechanical engineering is required to successfully complete the following engineering core courses (in addition to the mechanical engineering curriculum):

CHM 1045 General Chemistry I (3)
CHM 1045L General Chemistry Laboratory I (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 I (3)
PHY 2048C General Physics A (5)
PHY 2049C General Physics B (5)

Students must earn a minimum grade in the “C” range in each of the college core courses, as well as the required and technical elective courses below. Students must meet the minimum overall grade point average (GPA) under the general requirements of the University. Students also must meet the prerequisite requirements specified by the College of Engineering. Please refer to the “College of Engineering” chapter in this General Bulletin for the specific college-level requirements.

Students are urged to obtain the most current information on the mechanical engineering requirements from their advisers or from the student affairs coordinator.
Mechanical Engineering Curriculum

Key features of the curriculum in mechanical engineering include the integration of relevant topical material, integration of engineering design with engineering science, the introduction to engineering design at an early stage in the curriculum, and the use of cooperative learning methodologies. The curriculum is in keeping with current trends in engineering education, industry expectations and needs, and ABET 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 (4)
**EML 3015C** Thermal-Fluids I (4)
**EML 3016C** Thermal-Fluids II (4)
**EML 3017C** Mechanical Systems I (4)
**EML 3018C** Mechanical Systems II (4)
**EML 3234** Materials Science and Engineering (3)
**EML 4304L** Thermal-Fluids Lab (3)
**EML 4550** Engineering Design Methods (3)
**EML 4551C** 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 of engineering. Students must choose from the following list of approved classes: MAP 3306 or STA 3032, Alternates: MAD 3401, MAD 3703; MAP 4341; 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

**EGL 3512** 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, ductility, plasticity, hardening mechanisms, creep and fracture, electron microscopy, composite materials.

**EMA 4501** Optical and Electronic 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; measurements; ethics; statistical application of chemistry, calculus, and physics to engineering problems, and an overview of the engineering design process.

**EML 3011C** Mechanics and Materials I (4). Prerequisites: CHM 1045, CHM 1045L, EML 3002C, EML 3004C, MAC 2313, and PHY 2048C. This course is the first part of a two-part sequence integrating concepts of mechanics and principles of materials. It will provide the student with a broad based introduction to and understanding of the application of materials in structural design, the processing of mechanical components, and the manufacture of high technology products.

**EML 3012C** Mechanics and Materials II (3). Prerequisites: EML 3011C and PHY 2049C. Corequisite: EML 3234. This course is the second part of a two-part sequence integrating mechanics and principles of materials science. Emphasis is on computational and experimental methods in solid mechanics and materials science. Topics covered include tensile, impact, torsion, fatigue and combined loading; beams in bending; structures of steel; and other concepts learned in mechanics of materials and materials science. This course also gives the students an insight into technical report writing techniques.

**EML 3013C** Dynamic Systems I (4). Prerequisites: EML 3002C and EML 3004C. Corequisite: MAP 3305. This course is the first part of an integrated sequence in dynamics, vibrations, and controls. Material in this first course includes the following: absolute and relative motion of particles and rigid bodies in inertial, translating, and rotating coordinate frames; derivation and computer solution of differential equations of motion; single degree of freedom vibrations and elementary feedback control.

**EML 3014C** Dynamic Systems II (4). Prerequisite: EML 3013C. This course is the second part of an integrated sequence in dynamics, vibrations, and controls. Material in this second course includes the development of the equations of motion for translational and rotational mechanical systems, electrical systems, and electromechanical systems; system response using standard differential equation solution techniques and Laplace transforms; frequency response and impedances; linearization of nonlinear system models; and block diagrams and feedback control strategies.

**EML 3015C** Thermal-Fluids I (4). Prerequisites: EML 3013C and MAC 2313. First of a two-part sequence presenting an integrated treatment of traditional topics on thermodynamics, fluid mechanics, and heat transfer. The essential role of each of these related elements and their connections is examined in the context of real-world systems. Material covered include: first and second laws of thermodynamics; power and refrigeration cycle; heat transfer modes including steady and time dependent conduction, convection, and radiation; fluid statics; mass momentum and energy conservation; Bernoulli’s equation; internal and external flows.

**EML 3016C** Thermal-Fluids II (4). Prerequisite: EML 3015C. Required corequisite: EML 4304L. Second of a two-part sequence presenting an integrated treatment of traditional topics on thermodynamics, fluid mechanics, and heat transfer. The essential role of each of these related elements and their connections is examined in the context of real-world systems.

**EML 3017C** Mechanical Systems I (4). Prerequisites: EML 3011C, EML 3013C, and MAP 3305. This is the first course in a sequence of two courses intended to provide the essential tools for the design and analysis of mechanical systems. Emphasis is on linear models of freedom and degrees of freedom; position, velocity, and acceleration analysis; cams, gears, and gear trains, static and dynamic analysis; computer simulations and models of components and systems; team class projects involving dissection of existing machines and design and manufacture of new mechanical systems.

**EML 3018C** Mechanical Systems II (4). Prerequisites: EML 3012C and EML 3017C. This is the second course in a sequence of two courses intended to provide the essential tools for the design and analysis of mechanical systems. Emphasis is on materials; stress analysis; shaft design; bearings and lubrication; fasteners and connectors; joints; clutches, brakes, couplings, and flywheels; flexible elements; shafts; computer simulations and models of components and systems; team class projects involving dissection of existing machines and design and manufacture of new mechanical systems.

**EML 3050** Analytical Tools in Mechanical Engineering (3). Prerequisites: EML 3002C, EML 3004C, and MAP 3305. Corequisites: EML 3011C and 3013C. This course explores mathematical and numerical tools relevant to practical applications in mechanical engineering, as well as modeling of real physical systems using mathematical formulation. Subjects include Fourier Series and Integrals; Fourier Transform and energy spectrum; solution of partial differential equations using separation of variables, finite difference of methods, and finite element methods; and numerical interpolation and integration.
Mechanical Engineering 325


EML 3234. Materials Science and Engineering (3). Prerequisite: CHM 1045. Includes concepts of materials science and their relevance to engineering design. Recent advances in engineering materials science.

EML 3349. Cooperative Work Experience (0). (S/U grade only.)

EML 4161. Cryogenics (3). Prerequisites: EML 3012C and EML 3016C. Fundamental aspects of cryogenic system engineering; properties of materials and fluids at low temperatures; cryogenic heat transfer and fluid dynamics; low temperature refrigeration and system engineering.

EML 4304L. Thermal-Fluids Laboratory (3). Prerequisites: EML 3012C and EML 3015C. Corequisite: EML 3011C. Engineering laboratory measurements in fluid and thermal applications, including basic concepts for design of experiments, measurement devices, and their performance characteristics; measurement of fluid and thermal properties, pressure, velocity, and temperature; calibration procedures; experiments in fluid flow and heat transfer; design of engineering experimental systems; laboratory work, report writing.

EML 4312. Design and Analysis of Control Systems (3). Prerequisite: EML 3014C. Mathematical modeling of continuous physical systems. Frequency and time domain analysis and design of control systems. State variable representations of physical systems.

EML 4316. Advanced Design and Analysis of Control Systems (3). Prerequisite: EML 4312. Design of advanced control systems (using time and frequency domains) will be emphasized. Implementation of control systems using continuous (operational amplifier) or digital (microprocessor) techniques will be addressed and practiced.

EML 4421. Fundamentals of Propulsion Systems (3). Prerequisite: EML 3016C. Analysis of the performance of propulsion systems using fundamental principles of thermodynamics, heat transfer, and fluid mechanics. Systems studied include turbojet, turbofan, ramjet engines, as well as piston type internal combustion (IC) engines.

EML 4450. Energy Conversion Systems for Sustainability (3). Prerequisite: EML 3016C and senior standing in engineering. This course presents the challenges of changing the global energy system so it addresses reducing dependence on finite fossil energy sources and moving to environmentally sustainable energy sources. The emphasis is on greenhouse gas emissions-free energy production strategies, including renewable energy - solar, wind and biomass. Topics include photovoltaic cells, fuel cells, and thermoelectric systems.

EML 4452. Sustainable Power Generation (3). Prerequisites: EML 4450 or EML 5451. This course is a continuation of energy-conversion systems for sustainability and focuses on solar electricity, biopower, biofuels, and hydrogen as energy media. The course also explores whether hydrogen-based transportation is a practical option.

EML 4512. Thermal-Fluid Design (3). Prerequisite: EML 3016C. This course is intended to develop the student’s awareness and understanding of the relationship between fluid mechanics, thermodynamics, and heat transfer in consideration of design. Emphasis is placed upon energy systems components such as heat-exchangers, piping networks, and pumps. Includes a student project.

EML 4535C. Computer Aided Design (CAD) (3). Prerequisite: EML 3018C. Introduction to the theory and practice of computer-aided design: computer graphics, homogeneous transformations; parametric solid modeling, optimization, finite element analysis.

EML 4536. Design Using FEM (3). Prerequisite: EML 3018C. The Finite Method - what it is; elementary FEM theory; structures and elements; trusses, beams, and frames; two-dimensional solids; three-dimensional solids; axisymmetric solids; thin-walled structures; static and dynamic problems; available hardware and software; basic steps in FEM analysis; pre-processing; interpretation of results; advanced modeling techniques; design optimization; advanced materials using FEM.

EML 4542. Materials Selection in Design (3). Prerequisite: EML 3012C and senior standing in mechanical engineering. The selection and application of materials predicated on material science and engineering case studies covering most engineering applications.

EML 4550. Engineering Design Methods (3). Prerequisites: EML 3012C, EML 3014C, EML 3016C, and EML 3018C. Corequisite: EML 4551C. This is a formal lecture component of the mechanical engineering capstone senior design course project. The course covers the design process cycle from problem identification and need assessment, to specification, concept generation and selection, preliminary design, materials selection, and final design. The design process is placed in context by presenting topics such as legal and ethical issues, product reliability and liability considerations, engineering economics, and optimal design.

EML 4551C. Senior Design Project I (3). Prerequisites: EML 3012C, EML 3014C, EML 3016C, and EML 3018C. Corequisite: EML 4550. The first in a two-part course sequence presenting an integrated and system design approach for engineering product realization. Course blends the perspectives of market research and planning, design cycle, project management and teamwork, and technical reporting. This is the ‘capstone’ course for mechanical engineering students. This course offers weekly sessions in which teams are coached during the different phases of the project, plus frequent and extensive design reviews. This course is structured to closely resemble ‘on the job’ engineering education.

EML 4552C. Senior Design Project II (3). Prerequisites: EML 4550 and EML 4551C. The second part of the engineering design systems course. The material covered is a continuation of topics in the first part and the completion of a student-designed product.

EML 4711. Introduction to Gas Dynamics (3). Prerequisite: EML 3016C. This course is a thorough one-dimensional treatment of compressible flows and applications to nozzle, diffuser, sound waves, tunnel, and shock tube flows.


**MEDICINE**

**COLLEGE OF MEDICINE**

**Department of Biomedical Sciences, Chair:** David Balkwill; **Professors:** Alston, Balkwill, Blaber, Galasko, M. Hurt, Diaz, McGee, Meredith, Ouimet, Overton, Patrick, Romrell, Rill, Vanlandingham; **Associate Professors:** Horabin, Olcuse, Yu; **Assistant Professors:** Gunjan, Kabbaj, Kato, Lee, Stefancic, Wang; **Assistant Scholar Scientist:** Bienkienwicz; **Assistants in Medicine:** Cappendijk, Didier, Paik

**Department of Clinical Sciences, Chair:** Eugene Ryerson; **Professors:** Berg, Bertollete, Bland, Bradley, Reyes, Harris, Hartsfield, Muszynski, Ryerson, Trowers; **Associate Professor:** Manting; **Assistant Professors:** Danforth, Giannini, Parsley

**Department of Family Medicine and Rural Health, Chair:** Daniel Van Durme; **Professors:** Beitsch, Brooks, Dunn, Littles, McLeod, Stine, Van Durme; **Associate Professors:** Baker, Blackburn, Campbell; **Assistant Professors:** Aubrey, Gail Bellamy, Chukmaitov, Geletko, Goodwin, Harrison, Quintero, Rodriguez, Saunders; **Associates in Medicine:** Clark

**Department of Geriatrics, Chair:** Kenneth Brummel-Smith; **Professors:** Brummel-Smith, Granville, Lloyd; **Associate Professor:** Pomidor; **Assistant Professor:** Dangiolo

**Department of Medical Humanities and Social Sciences, Chair:** Suzanne Johnson; **Professors:** Glueckauf, Johnson; **Associate Professor:** Spike; **Assistant Professors:** Dutton, Gerend; **Assistant Scholar Scientist:** Baughcum

The Florida State University College of Medicine, in partnership with local communities, provides a four-year program of study leading to the Doctor of Medicine (MD) degree. The college is fully accredited by the Liaison Committee on Medical Education of the Association of American Medical Colleges and the American Medical Association. The mission of the College of Medicine is to educate and develop exemplary physicians who practice patient-centered health care, who discover and advance knowledge, and who are responsive to community needs, especially through service to elder, rural, and other medically underserved populations.

For complete details of degree requirements, plus a description of the college and its services, refer to the “College of Medicine” chapter of this General Bulletin.

**Definition of Prefixes**

- **BCC** — Basic Clinical Clerkship
- **BMS** — Basic Medical Sciences
- **GMS** — Graduate Medical Sciences

**Undergraduate Courses**

**BMS 4901r. 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 (9) semester hours.

**BMS 4904r. Directed Individual Study in Health Sciences (1–3).** (S/U grade only.) This is a course for undergraduate students who desire an individualized research experience in biomedical sciences, medical humanities and social science, public health, or other related fields represented in the College of Medicine. Students receive laboratory or other training in research methods and improve their readiness for and appreciation of research in health-related science. May be repeated to a maximum of fifteen (15) semester hours.

**Doctor of Medicine (MD) Courses**

**First Year Courses**

- **BMS 6015.** Doctoring 101 (3).
- **BMS 6016.** Doctoring 102 (5).
- **BMS 6017.** Doctoring 103 (5).
- **BMS 6110C.** Clinical Microscopic Anatomy and Laboratory (4).
- **BMS 6115C.** Clinical Anatomy, Embryology and Imaging (10).
- **BMS 6204r.** Medical Biochemistry and Genetics (5).
- **BMS 6511.** Organ Physiology (6).
- **BMS 6706C.** Clinical Neuroscience (6).
- **BMS 6940.** Internship/Practicum/Clinical Practice (1). (S/U grade only.)

**Second Year Courses**

- **BMS 6301.** General Medical Microbiology and Infectious Disease (3).
- **BMS 6302.** Systemic Medical Microbiology and Infectious Disease (2).
- **BMS 6401.** General Medical Pharmacology (2).
- **BMS 6402.** Systemic Medical Pharmacology (3).
- **BMS 6520.** Systemic Physiology (2).
- **BMS 6601.** General Pathology and Immunology (4).
- **BMS 6602.** Systemic Pathology and Laboratory Medicine (9).
- **BMS 6821.** Medicine and Behavior I (2).
- **BMS 6822.** Medicine and Behavior II (2).
- **BMS 6823.** Health Issues in Medicine (2).
- **BMS 6831.** Doctoring 201 (6).
- **BMS 6832.** Doctoring 202 (8).
- **BMS 6900.** Directed Individual Study in Biomedical and Clinical Sciences (2–9). (S/U grade only.)

**Year 1/2 Elective**

- **BMS 6824.** Cross Cultural Medicine (2)
- **MEL 6117.** Medical Spanish I (2)
- **MEL 6119.** Medical Spanish II (2)

**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://www.med.fsu.edu/education/Curriculum/](http://www.med.fsu.edu/education/Curriculum/).
**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/navigation/detail_ext/cppl_intro.do?pageid=060304](http://facts23.facts.org/navigation/detail_ext/cppl_intro.do?pageid=060304) 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
2. MAC X312
3. PHY X048/X048L or PHY X048C
4. PHY X049/X049L or PHY X049C

**Requirements for a Major in Meteorology**

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. A detailed handout for meteorology majors entitled Undergraduate Program in Meteorology is available in the departmental office. Meteorology is a quantitative science requiring extensive preparation in mathematics and physics. Freshmen entering the program are urged to take as many advanced placement (AP), the College-Level Examination Program (CLEP), or other exemption examinations as they can in order to realize maximum flexibility.

The Department of Meteorology offers a degree program that prepares students for a diverse number of careers, as well as graduate school. It is highly recommended that students meet regularly with their assigned academic advisor to tailor electives to the students’ goals.

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 2101, 2502C, 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 1114 and MAC 1140 or 1147. The following courses, required of all meteorology majors, constitute a minor in mathematics: MAC 2311, 2312, 2313; MAP 2302 or 3305. MAP 3306 or 4341 is strongly recommended for those students wishing to attend graduate school. All students must complete CHM 1045 and 1045L, STA 3032, 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 PHY2048C and PHY2049C 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/3nbjgp](http://tinyurl.com/3nbjgp) 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.

Two new degree programs in geosciences (teaching and nonteaching) are in the process of approval. Please contact Dr. Paul Ruscher at (850) 644-2752 or pruscher@fsu.edu for details.
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. 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, and/or physics) at Florida State University or elsewhere, whether repeated or not, will not be permitted to graduate with a degree in meteorology.

A grade point average of at least 2.0 is required for all meteorology courses numbered 2000 or higher. No more than a total of three 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 AMS 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

Requirements for a minor in meteorology must be discussed on an individual basis with a meteorology faculty advisor or academic coordinator. The minor begins with MET1010, MET1010L, MAC2311, PHY2049C, MET2700, and MET2101, and options exist for the completion of the minor. 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.

Class Attendance

A first-day attendance policy will be enforced. The department will drop anyone not attending class the first day.

Definition of Prefixes

ESC—Earth Science

ISC—Interdisciplinary Sciences

MAP—Mathematics Applied

MET—Meteorology

OCP—Physical Oceanography

SCE—Science Education

Undergraduate Courses

ESC 2200C. Earth Science for EC/EE Teachers (4).


SCE 4839r. 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.

MET 1010. Introduction to the Atmosphere (3). Structure of the atmosphere; weather processes and weather systems, including climatic processes. Credit may not be received in this course if student has already received credit in 2000-level or higher MET courses.

MET 1010L. Introductory Meteorology Laboratory (1). Prerequisites: MAC 1105 or equivalent and college-level algebra. Corequisite: MET 1010. Two (2) hours per week. Data analysis, instruments, and weather system models.

MET 4301. Atmospheric Dynamics I (4). Topics include equations of motion, mass conservation, thermodynamics, vorticity, and geostrophic, gradient and thermal winds. Generalized coordinates; circulation and vorticity theorems; scale analysis; Reynolds stresses; Prandtl and Ekman layers; developing baroclinic systems.

MET 4302. Atmospheric Dynamics II (4). Prerequisites: MAC 2312 and MET 2700, both with a grade of “C” or better. This course will examine a variety of topics, including equations of motion, mass conservation, thermodynamics, vorticity, and geostrophic, gradient and thermal winds; generalized coordinates; circulation and vorticity theorems; scale analysis; Reynolds stresses; Prandtl and Ekman layers; developing baroclinic systems.

MET 4420. Atmospheric Physics I (3). Prerequisites: PHY 2048C, PHY 2049C, MET 2700 with a grade of “C” or better, and MAC 2513. Classical equilibrium thermodynamics; first and second law, entropy, phase changes, potentials. Physics of moist air; physics of aerosols; condensation of water vapor on aerosols.


MET 4500C. Synoptic Lecture-Laboratory I: Basic Analysis Techniques (3). Prerequisites: MET 2500C and a grade “C” or better, MET 3300, or instructor permission. Corequisites: MET 4301 or MET 5311, MET 4420, and CGS 3460 or another programming language. Analysis of scalar and vector fields, introduction to the three-dimensional structure of atmospheric systems, and thermodynamic diagrams.

MET 4501C. Synoptic Lecture-Laboratory II: Four-Dimensional Structure (4). Prerequisites: MET 4301 or MET 5311, MET 4420, MET 4500C, and STA 2122 or equivalent. Synoptic calculation and four-dimensional analysis of weather systems.

Elective Courses for Majors

MET 3520r. Current Weather Discussion (1). S/U grade only.) Prerequisite: MET 2700. Discussion of facsimile analysis and prediction materials. Three meetings per week. May be repeated to a maximum of four (4) semester hours.

MET 3940r. Weathercasting (1). (S/U grade only.) Prerequisite: MET 1010. Corequisite: MET 2700. Practice in preparing and presenting weathercasts for radio and television. May be repeated to a maximum of four (4) semester hours.

MET 3949r. Cooperative Education Work Experience (1). S/U grade only.) Prerequisite: MET 2700. This course introduces observational analysis products used in operational weather forecast offices. Topics include applications of radar and satellite data, the various applications of numerical weather prediction, and types of weather forecasts.

MET 4900r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

MET 4905. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

MET 4945r. Meteorology Internship (1–9). S/U grade only.) Prerequisite: Instructor permission. May be repeated to a maximum of nine (9) semester hours. Supervised internship individually assigned to accommodate student’s background and objectives. Credit proportional to scope and significance of work.

Required Courses for Majors


MET 2502C. Weather Analysis and Forecasting (2). Prerequisite: MET 2700. This course is an introduction to meteorological observations, data, codes, and scalar analysis principles. Weather applications software systems and computing environments for meteorological analysis and weather forecasting techniques are examined.

MET 2700. General Meteorology (3). Prerequisites: CHM 1045C and MAC 2311. Corequisite: PHY 2048C. Atmospheric structure and composition; weather and circulation systems; physics of atmospheric processes, including thermodynamics of dry and moist processes.

MET 2220C. Meteorological Computations (3). Prerequisites: MAC2312, MET 2101, and MET 2700. Solution of meteorological problems using computer and statistical programs; distributions of meteorological variables; meteorological programming.

MET 3300. Introduction to Atmospheric Dynamics (3). Prerequisites: MAC 2312 and MET 2700, both with a grade of “C” or better. This course will examine a variety of topics, including equations of motion, mass conservation, thermodynamics, vorticity, and geostrophic, gradient and thermal winds. Generalized coordinates; circulation and vorticity theorems; scale analysis; Reynolds stresses; Prandtl and Ekman layers; developing baroclinic systems.

MET 4301. Atmospheric Dynamics I (4). Prerequisites: MET 3300 with a grade of “C” or better and MAP 2302 or MAP 3305. Corequisite: MET 4420. Acceleration in rotating curvilinear coordinates; momentum, continuity, and energy equations; geostrophic, barotropic instability; energetics. An introduction to theory of partial differential equations applied to atmospheric problems also is presented.

MET 4420. Atmospheric Physics I (3). Prerequisites: PHY 2048C, PHY 2049C, MET 2700 with a grade of “C” or better, and MAC 2513. Classical equilibrium thermodynamics; first and second law, entropy, phase changes, potentials. Physics of moist air; physics of aerosols; condensation of water vapor on aerosols.


MET 4500C. Synoptic Lecture-Laboratory I: Basic Analysis Techniques (3). Prerequisites: MET 2500C with a grade “C” or better, MET 3300, or instructor permission. Corequisites: MET 4301 or MET 5311, MET 4420, and CGS 3460 or another programming language. Analysis of scalar and vector fields, introduction to the three-dimensional structure of atmospheric systems, and thermodynamic diagrams.

MET 4501C. Synoptic Lecture-Laboratory II: Four-Dimensional Structure (4). Prerequisites: MET 4301 or MET 5311, MET 4420, MET 4500C, and STA 2122 or equivalent. Synoptic calculation and four-dimensional analysis of weather systems.
Graduate Courses

Dynamical Meteorology
MAP 5431. Introduction to Fluid Dynamics (3).
MAP 6434r. Advanced Topics in Hydrodynamics (3).
MET 5311. Advanced Dynamic Meteorology I (3).
MET 5312. Advanced Dynamic Meteorology II (3).
MET 5340r. Large-Scale Atmospheric Circulations (3).
MET 5406. Satellite Observations and Their Applications in Numerical Weather Prediction (3).
MET 5541r. Dynamical Weather Prediction (3).
MET 6300r. Advanced Topics in Dynamical Meteorology (3).
OCP 5256. Fluid Dynamics: Geophysical Applications (3).

Physical Meteorology
MET 5403C. Meteorological Instruments and Observations (3).
MET 5407. Fundamentals of Atmospheric Data Assimilation (3).
MET 5411. Radar Meteorology (3).
MET 5421. Radiative Transfer (3).
MET 5425. Advanced Atmospheric Physics I (3).
MET 5451. Advanced Physical Meteorology II (3).
MET 5455. Cloud Physics (3).
MET 5471. Planetary Atmospheres (3).
MET 6480r. Advanced Topics in Physical Meteorology (3).

Synoptic Meteorology
MET 5503C. 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 course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MICROBIOLOGY:
see Biological Science
Program in MIDDLE EASTERN STUDIES

College of Arts and Sciences

Director: Peter Garretson (History); Co-Director: Zeina Schlenoff (Modern Languages and Linguistics); Advisers: Garretson (History), Schlenoff (Modern Languages and Linguistics)

Requirements for a Minor 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 3 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 course work are required in a relevant area language (Arabic, Hebrew, or any other Middle Eastern language that might be offered on campus in the future). The hours must be focused upon one specific language.

Students are encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on the FSU campus or by participating in a semester or summer abroad program in their relevant cultural area as such programs are available.

To encourage the achievement of language proficiency, language course work hours taken beyond the fourth semester of foreign language requirement may be counted toward the required thirty-six hours for the major. A separate minor is not currently required for the Middle Eastern studies major, as a secondary area of major course work constitutes a collateral minor.

State of Florida Common 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.

Anthropology

ANT 4175 Archaeology of the Islamic World (3)

Art History

ARH 3800 Methods of Art Criticism: Islamic Art (3)
ARH 4118 Archaeology of Ancient Egypt (3)
ARH 4173 Studies in Classical Art and Archaeology (3)

Economics

ECS 4504 Economics of the Middle East (3)

Geography

GEO 4930 Special Topics in Geography [Middle East] (3)

History

AFH 4302 Northern African History: A Survey (3)
ASH 1044 Middle Eastern History and Civilization (3)
ASH 3200 History of the Ancient Near East (3)
ASH 3230 Middle East Survey (3)
ASH 4223 Modern Middle East (3)
ASH 4261 Central Asia Since the Mongols (3)
EUF 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 3240 Conversational Arabic (3)
FOL 3930 Experiments in Modern Language [Topics in Arabic] (3)
FRE 4930 Special Topics [Postcolonialism and Francophone Literatures] (3)
HBR 1102 Beginning Hebrew I (4)
HBR 1103 Beginning Hebrew II (4)
HBR 1120 Elementary Modern Hebrew I (4)
HBR 1121 Elementary Modern Hebrew II (4)
HBR 2202 Intermediate Hebrew (4)
HBR 2220 Intermediate Modern Hebrew (4)

Political Science

CPO 3403 Comparative Government and Politics: The Middle East (3)
INR 4274 Studies in International Politics: The Middle East (3)

Religion

REL 2210 Introduction to the Old Testament (3)
REL 3363 The Islamic Tradition (3)
REL 3600 The Jewish Tradition (3)
Related Courses

Note: The following courses require an adviser’s approval.

Anthropology
ANT 4930 Special Topics in Anthropology (3)

Art History
ARH 3800r Methods of Art Criticism (3)
ARH 4151 Art and Archaeology of the Early Roman Empire (3)
ARH 4210 Early Christian and Byzantine Art (3)

English
ENG 3310 Film Genres (3)
ENG 4905 Directed Individual Study [Critical Theory of Globalization] (1–3)
LIT 4205 Literature of Human Rights (3)
LIT 4233 Anglophone Postcolonial Literature (3)

History
HIS 4930r Special Topics in History (3)

Humanities
HUM 2937 Humanities Honors Seminar [Music of the Middle East] (3)
HUM 3324 Cultural Imperialism (3)

Political Science
INR 3004 Geography, History and International Relations (3)
INR 4075 International Human Rights (3)
INR 4078 Confronting Human Rights Violations (3)
INR 4083 International Conflict (3)

Religion
REL 3145 Gender and Religion (3)
REL 3146 Gender and the Bible (3)
REL 3293 Topics in Biblical Studies: Prophets (3)
REL 3293r Topics in Biblical Studies (3)
REL 4290r Undergraduate Biblical Studies Seminar (3)
REL 4671 Gender and Judaism (3)

Women’s Studies
WST 4930 Topics in Women's Studies: Women and Gender in Africa (3)
Department of MILITARY SCIENCE

COLLEGE OF ARTS AND SCIENCES

Professor: Lieutenant Colonel John DeVillez; Senior Military Science Instructors (Assistant Professors): Major Cherry, Szalma, Douglas and West; Military Science Instructors: Master Sergeant Auncram, Jackson, Lovins, and Sergeant First Class Kochheiser.

The military science department’s Reserve Officers Training Corps (ROTC) program of instruction qualifies the student for a commission in the United States Army, Army National Guard, or United States Army Reserve. The curriculum does not provide technical training in a job specialty, nor does it emphasize vocational training; rather, it complements and provides a base for normal progression in the commissioned officers’ educational program.

Leadership and management objectives are included in academic periods of instruction. Practical leadership experience is gained in a field training environment by attendance at a 32-day summer camp, normally between the junior and senior years. Nursing students attend a nursing internship at Army hospitals following the normal summer camp. A leadership laboratory also provides experience in a range of leadership positions during the school year. The department offers both a four-year and a two-year program, each with its own special advantages. Students are invited to visit or write the Department of Military Science to obtain additional information.

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Core Program

The program requires four years of military science courses, which consist of a two-year basic course and a two-year advanced course. Students can begin the four-year program as a freshman or as a sophomore.

There is also a two-year ROTC program for those students with only two years of college remaining. The two-year course is designed for junior college and other non-ROTC college transfer students, but may be utilized by students who did not enroll in the basic course outlined below.

Graduate students may also qualify for enrollment in the two-year course. Additional information regarding eligibility requirements for the two-year program may be obtained by contacting the Department of Military Science.

Women are encouraged to enroll and will be commissioned as officers in the United States Army upon completion of the ROTC curriculum. Job opportunities for women in the Army are the same as those for men, excluding a few combat arms fields.

Basic Course

The basic course is normally taken as an elective subject by students in their freshman and sophomore years. The purpose of this instruction is to qualify students for entry into the advanced course by familiarizing them with the organization of the Army, military skills, and military tradition. Students do not incur any military obligation as a result of enrolling in the basic course. Enrollment in ROTC requires proof of a doctor’s physical screening. Participation in regularly scheduled physical training is required. In addition to classroom instruction, a one and a half hour leadership laboratory period is required each week.

Advanced Course

Instruction in the advanced course includes leadership and management, the exercise of command, military teaching methods, tactics, logistics, administration, history, and military justice. Leadership experience and command experience are provided by assigning advanced course students as cadet officers and noncommissioned officers. Participation in regularly scheduled physical training is a required part of the leadership training. Classroom instruction consists of two one and a quarter hour (75 minutes) periods and a one and a half hour (90 minutes) leadership laboratory period each week. Only students who have demonstrated a definite potential for becoming competent officers will be selected for the advanced course.

Professional Military Education

In addition to basic and advanced ROTC courses, cadets must complete professional military education requirements consisting of one course in each of the following areas: written and oral communication skills, American military history, and computer literacy. Students should consult with the professor of military science to determine those University courses suitable for fulfilling these requirements.

Monetary Allowances

Cadets selected for admission into the advanced course qualify for a nontaxable monetary allowance of $450–$500 per month for up to 20 months. Cadets may also qualify for the simultaneous membership program with the United States Army Reserve or National Guard, which can provide over $16,000 during the last two years of school. Both the United States Army Reserve and the National Guard offer additional monetary incentives for cadets who join their organizations.

Army ROTC College Scholarship Program

Financial assistance is available in the form of two-, three-, or four-year ROTC academic scholarships for selected students. Under the Army ROTC Scholarship Program, the students/cadets receive 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 32-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 17 years of age at time of acceptance
2. Be able to complete the professional officer course and graduate from Florida State University prior to reaching the age of thirty 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

Military Science
the professional officer course. This lead time is required to complete the application and a physical examination prior to enrollment in the professional officer course.

Leadership Laboratory

Leadership laboratory is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of military science. Leadership laboratory is the formalized phase of leadership training conducted by the cadets. It is scheduled for one and one half hours (90 minutes) each week for both the basic and advanced officer courses (non-contracted and contracted). All uniforms and equipment required for cadet activities are furnished.

Definition of Prefix

MSL—Military Science and Leadership

Undergraduate Courses

MSL 1001. Foundations of Officership (1). Corequisite: MSL 1001L. This course examines unique duties and responsibilities of officers, organization and role of the Army. Topics include fitness and communication, Army values and expected ethical behavior.

MSL 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 (54) semester hours at FSU with a 2.0 GPA. This course consists of an intensive internship conducted at Fort Knox, Kentucky, for four weeks. Designed as an alternative to meet requirements for entrance into the upper division of 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. Officer Leadership Laboratory (0).

MSL 4900r. 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 (6) semester hours.
Preprofessional Program in MINISTERIAL STUDIES

COLLEGE OF ARTS AND SCIENCES
Adviser: John E. Kelsay, Department of Religion

The baccalaureate degree is required for admission to accredited theological schools. Students interested in a pretheological curriculum and information about theological seminaries should consult with Dr. John Kelsay at the Department of Religion, 206 Dodd.

Preministerial students are also advised that the King’s Daughters Fund provides scholarships for students who are committed to a church-related vocation. Applications must be received by April 15th each year. Contact the Office of the Vice President for Student Affairs for details.
Department of MODERN LANGUAGES AND LINGUISTICS

College of Arts and Sciences

Chair: William Cloonan; Professors: Cloonan, Fernandez, Fleming, Galeano, Hargreaves, Leparulo, Pietralunga, Sharpe, Walters; Associate Professors: Adolph, Boutin, Cappuccio, Efimov, Goraniz, Lan, Leushuis, Maer-Katkin, Munro, Poesy, Romanchuk; Assistants in Modern Languages: Alvarez, Gonzalez, Howard, Leeser, Reglero, Sunderman, Tarpyle, Valkisa, Weber, Willstedt, Yasuhara, Zanini-Cordi; Associates in Modern Languages: Adolph, Schlenoff; Assistants in Modern Languages: Cameron, Gray, Feng, Parrat

The Department of Modern Languages and Linguistics provides instruction in Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Korean, Portuguese, Russian, and Spanish, with an emphasis on culture and literature as well as language. Several courses in linguistics are offered, in addition to courses in Brazilian, Chinese, French, German, Hispanic, Italian, Japanese, and Russian film, and courses in Chinese, French, German, Italian, Russian, and Latin American literature in English translation. The literature in translation courses count toward the literature requirement in the liberal studies humanities area and may, in some cases, be accepted for major or minor credit (see individual course descriptions).

All students who intend to continue study of a language at 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, German, Italian, Russian, and Spanish. All major programs, except for languages with a concentration in business, 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, 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 French, 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’s language laboratories offer state-of-the-art electronic language learning systems. Students may practice at their convenience individually (unsupervised) or with their classes under a teacher’s supervision. The Foreign Language Learning Center possesses a collection of video materials, and television news from around the world can be viewed daily on the set or online. Students have access to a state-of-the-art computer lab plus an audio lab.

Winthrop-King Institute for Contemporary French and Francophone Studies

The Winthrop-King Institute for Contemporary French and Francophone Studies was created as a result of a generous bequest from the late Mrs. Ada Belle Winthrop-King. It is a center for interdisciplinary scholarship focusing on developments in France and the wider French-speaking world dating approximately from the French Revolution to the present, with a particular emphasis on contemporary issues. The institute 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, 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/evaluation/detail_ext/cpp_intro.do?pageId=060304 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:

French

XXX XXXX: six to twelve (6–12) credit hours of coursework in the language and a demonstration of proficiency by testing or completion of intermediate level.

French and Francophone Studies

Students must demonstrate proficiency by testing or completion of intermediate-level French.

German

XXX XXXX: six to twelve (6–12) credit hours of coursework in the language and a demonstration of proficiency by testing or completion of intermediate level.

Italian

XXX XXXX: six to twelve (6–12) credit hours of coursework in the language and a demonstration of proficiency by testing or completion of intermediate level.

Russian

XXX XXXX: six to twelve (6–12) credit hours of coursework in the language and a demonstration of proficiency by testing or completion of intermediate level.

Spanish

XXX XXXX: six to twelve (6–12) credit hours of coursework in the language and a demonstration of proficiency by testing or completion of intermediate level.

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 Chinese, French, German, Italian, Japanese, 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 semester hours of core business courses and twelve semester hours in a specialized track of marketing, management, or finance in the College of Business. A major in Chinese or Japanese with a concentration in business requires eighteen semester hours of the selected language numbered above the 2220 level, fifteen semester hours of core business courses, and twelve semester hours in a specialized track of marketing, management, or finance. No minor is required with a concentration in Business. Students should consult with their language adviser for a list of appropriate courses. No minor is required.

Co-Major in Modern Languages and Linguistics

The department offers an interdepartmental program in which students may select co-majors from the following divisions: French, German, Italian, Russian, and Spanish. The co-major consists of twenty-one semester hours numbered above 1999 in each of two divisions selected. A co-major in Chinese and Japanese consists of sixteen semester hours of Chinese language coursework numbered above 2220, sixteen semester hours of Japanese language coursework numbered above 2220, and nine semester hours of coursework in Chinese and/or Japanese literature and culture. 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.

Double Major in Modern Languages

A double major in two modern foreign languages may be approved. Please consult an adviser in each language for course advisement.

Requirements for a Major in Modern Languages and Linguistics

Note: A grade of "C-" or better must be earned in each course applied toward any major or minor degree earned in modern languages and linguistics. A grade of C- or better is required for students to advance to subsequent language levels.

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 (fourty-one hours), Chinese with a concentration in business (forty-five hours), and Japanese with a concentration in business (forty-five hours). All require coursework in language above the 2220 level. Coursework should be selected by consultation with the Chinese or Japanese adviser in the language area of choice. For further information on requirements, visit the undergraduate section of the Web site at http://www.fsu.edu/~modlang/.

French Major

Thirty semester hours numbered above 2999 are required, including FRW 3100, 3101; FRW 3340, 3420, 3421, 3780; and FREN 4410. The program consists of 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 elective will complete the requirements. Students are also strongly advised to take the sequence FRW 3100–3101 concurrently with the grammar/composition sequence FREN 3420–3421. Native speakers should register for courses numbered 3000 and above. Majors and minors are eligible for the Ada Belle Winthrop-King summer scholarships to Paris. For more information about the French program, please visit the Web site: http://www.fsu.edu/~modlang/divisions/french.

French and Francophone Studies Major

Thirty-six semester hours numbered above 2999 are required in this interdisciplinary 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 FREN 3244, 3420, 3501; FRW 3100, 3101; and two additional 4000 level French courses. French and francophone studies majors are eligible for the Ada Belle Winthrop King Summer Scholarships to Paris. For more information about the French program please visit the Web site at http://www.fsu.edu/~modlang/divisions/french.

German Major

Thirty semester hours numbered above 2999 are required. Students must demonstrate proficiency in writing and a basic understanding of the culture of German-speaking countries. 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. GER 3500 (Introduction to German Studies) is required for all majors. A minimum of nine semester hours must be taken at the 4000-level.

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 count toward the thirty semester hour requirement: ITT 3430, 3500, 3501, 3520, 3523r.

Russian Major

Thirty semester hours numbered above 2220 are required, including RUS 3320, 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 course work 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.

Spanish Major

Thirty-six semester hours, distributed in the following manner, are required: SPN 2240 and eighteen semester hours of 3000 level courses including SPN 3332, 3333, SPW 3030; either SPN 3510 or SPN 3520; a departmental linguistics course (usually LIN 3041), and one additional 3000 level literature course. Heritage speakers must take SPN 3350 plus an additional 3000-4000 level Spanish course instead of the required SPN 3332-3333 sequence. Required at the 4000 level are fifteen semester hours in SPN or SPW courses, including at least one senior seminar, such as SPN 4540, SPN 4930 or SPW 4930.

Minor for Modern Languages Majors

At least twelve semester hours in an approved departmental field are required. If a second foreign language is selected as the minor, the twelve 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 may 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: Chinese, French, German, Italian, Japanese, Portuguese, or Russian numbered above 1999. Spanish requires fifteen semester hours numbered above 2220 including three hours in Spanish literature. Credit extended in meeting the foreign language requirement for graduation may not be used in satisfying the minor. A certificate may be issued by the department upon successful completion of the minor requirements.

Requirements for a Minor in Arabic Studies

The minor requires eighteen semester hours above 1999, fifteen of which should 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. 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 language course from an approved list). An approved course list is available from the Department of Modern Languages and Linguistics Undergraduate Office, 364 DIF, or from the Director of the Department of Modern Languages and Linguistics Medieval Studies Minor. Having established a concentration in one medieval field, the student then chooses three more courses from an approved list. These courses are to be distributed over two or three departments other than that of his/her concentration. All declared students in the minor receive a regular pre-registration mailing, listing all the eligible courses for the forthcoming semester. Additional courses are certified on a semester-by-semester basis. Faculty members may send the director a description of a special topics course appropriate for the minor, which will be included in the pre-registration mailing. Qualified students also may enroll in certified graduate-level courses for minor credit, with permission of the instructor; please contact the Department of Modern Languages and Linguistics Undergraduate Office or the director of the minor for details.

Requirements for a Minor in Middle Eastern Studies

A minor in Middle Eastern studies is concerned with the cultures of the Middle East from ancient times to the present. Utilizing the resources of various 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. 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 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, 3930; 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

ARA—Arabic Language
CHI—Chinese Language
CHT—Chinese Culture in Translation
CZE—Czech Language
FOL—Foreign and Biblical Languages (i.e. Hebrew)
FOW—Foreign and Biblical Languages, Comparative Literature (Writings)
FRE—French Language
FRT—French Culture in Translation
FRW—French Literature (Writings)
GER—German Language
GET—German Culture in Translation
GEW—German Literature (Writings)
HBR—Modern Hebrew Language
ITA—Italian Language
ITT—Italian Culture in Translation
ITW—Italian Literature (Writings)
JPN—Japanese
JPT—Japanese Literature in Translation
KOR—Korean Language
LIN—Linguistics
POR—Portuguese Language
PRT—Portuguese Culture in Translation
RUS—Russian Language
RUT—Russian Culture in Translation
RUW—Russian Literature (Writings)
SEC—Serbo-Croatian Language
SLL—Slavic Languages
SPN—Spanish Language
SPT—Spanish Culture in Translation or Translation Skills
SPW—Spanish Literature (Writings)

All language and literature courses are taught primarily in the foreign language with the exception of courses in literature in translation and in film.

Undergraduate Courses

Note: Graduate students wishing to take courses at the 1000-4000 level must obtain permission of the language coordinator for that course as well as the Modern Languages’ associate chair in graduate studies.

Arabic

ARA 1120. Elementary Arabic I (4). For students who have no previous knowledge of Modern Standard Arabic. The aim is basic proficiency in the four language skills: reading, writing, speaking, and listening. Basic vocabulary, sentence structure, grammar, and pronunciation in Modern Standard Arabic are introduced. This course 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. Extended vocabulary and grammar, as well as basic conversation are emphasized. Students start conversing, 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 2 semesters of Arabic in college or the equivalent. The objective of this course is to solidify knowledge of basic grammar and to expand the student’s vocabulary. It emphasizes reading, writing, listening, and speaking. Students will participate in cultural activities, write compositions, and give oral presentations in class. May not be taken concurrently with ARA 1120 and/or 1121.

ARA 2240r. 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.

Chinese

CHI 1120. Elementary Chinese I (4). An emphasis is placed upon speaking and listening, although an acquisition of reading and writing skills is also an integral part of the course. Some fundamental syntactic constructions introduced are: word order, nominal classifiers, verb classification, and formation of complex sentences. May not be taken by native speakers. May not be taken concurrently with CHI 1121, 2220 and/or 2300.
Prerequisite: Instructor permission.

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 concurrently with CHI 1120, 2220 and/or 2300.

CHI 2220. Intermediate Chinese (4). Prerequisite: CHI 1121 or equivalent. May not be taken concurrently. 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 2300. Chinese Grammar and Composition (4). Prerequisite: CHI 1121 or instructor permission. Gives students an opportunity to strengthen their knowledge of basic Chinese syntax and gain better insight into the structure of modern Chinese. Students are taught to write letters, notes, and short essays in Chinese.

CHI 3440r. Business Chinese (3). Prerequisite: CHI 2220 or permission of instructor. This course develops students' Chinese proficiency in the context of business activities that require not only adequate language skills at the intermediate-high level but also adequate knowledge of socio-cultural customs in China. May be repeated when content changes to a maximum of six (6) semester hours.

CHI 3501. Readings in Chinese Short Stories and Essays (3). Prerequisite: CHI 2220 or equivalent. Introduction of selected materials in modern Chinese literature. The course objectives are to train students to be able to read some carefully chosen original works and to bring to students' awareness various cross-cultural differences.

CHI 4503. Readings in Chinese History (3). Prerequisite: Instructor permission. A sketch of Chinese history is introduced. Students are taught to read the text in Chinese so they will be able to expand their vocabulary to include those words necessary to understand Chinese culture and tradition.

CHI 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

CHI 4930r. Special Topics (3). Prerequisite: Divisional permission. Allows student to study literary topics of a special kind, depending on student interest and faculty expertise.

CHI 4942r. Internship in Applied Chinese (1–6). (S/U grade only.) Prerequisite: Advanced standing in Chinese. Provides academic credit for students working in governmental agencies or private business where students employ the foreign language. Departmental permission required. May be repeated to a maximum of six (6) semester hours.

CHT 3391r. Chinese Cinema and Culture (3). Course studies representative films from mainland China, Hong Kong, and Taiwan. Presents Chinese cinema both as a unique genre of modern arts and a powerful social and political discourse. Taught in English. May be repeated to a maximum of six (6) semester hours.

CHT 3830r. 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 understand the development of Chinese literature. May be repeated to a maximum of six (6) semester hours as content changes and with permission of the instructor.

Czech

CZE 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

Film Courses

See course descriptions under individual language areas.

French

French and Francophone Language and Culture

FRE 1120. Elementary French I (4). Prerequisite: CHI 1120 or equivalent. Further emphasis on oral comprehension, speaking, reading, and writing are stressed. May not be taken concurrently with FRE 1121 and/or 2221.

FRE 1121. Elementary French II (4). Prerequisite: FRE 1120 or equivalent. Further emphasis on oral comprehension, speaking, reading, and writing. May not be taken concurrently with FRE 1120 and/or 2221.

FRE 2211. Intermediate French Readings (4). Prerequisite: FRE 1121 or equivalent. Further emphasis on oral comprehension, speaking, reading, and writing. May not be taken concurrently with FRE 1120 and/or 2221.

FRE 2220. Reading and Conversation (4). Prerequisite: FRE 2211 or equivalent. Expansion of French reading skills while introducing the student to oral expression through a discussion of the readings. May not be taken by native speakers. May not be taken concurrently with FRE 1120, 1121, and/or 2220.

FRE 3244. Intermediate French Conversation (3). Prerequisites: FRE 2211. Through readings and films about contemporary issues facing French society, this course aims at developing oral communication skills in a broad cultural context.

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.

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 3501. Contemporary France (3). This course, taught primarily in French, provides the student with an understanding of French culture and society from WW II through the present day. Topics include culture, French politics, 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 3700. French Phonetics (3). Prerequisite: FRE 3420. Designed to teach students the phonetic alphabet with the objective of improving pronunciation and listening comprehension.

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, aims at developing writing ability through the reading of a variety of sophisticated French prose works and the composition of essays based on these model texts.

FRE 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

FRE 4930r. Special Topics (3). Prerequisite: Divisional 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 (9) semester hours.

FRE 4935r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, three (3) hours of which may be applied to the requirements for the major with permission of the department. All honors work is directed by the student's honors committee.

FRE 4942r. Internship in Applied French (1–6). (S/U grade only.) Prerequisite: Advanced standing in French. Provides academic credit for students working in governmental agencies or private business where students employ the foreign language. Departmental permission required. May be repeated to a maximum of six (6) semester hours.

French Literature in Translation

Note: FRT courses do not count toward the major unless the student reads the works in French. The student must arrange with 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 course takes a chronological and thematic approach to the movements and directors of French cinema. Emphasis is placed on their relationship to modern French Francophone culture and society. Topics vary from Postwar New Wave cinema from French-speaking countries. This course is taught in English and, with instructor permission, three (3) hours may be used for major or minor credit. May be repeated to a maximum of six (6) semester hours.

FRT 3561. French Women Writers (3). Prerequisite: ENC 1101 and ENC 1121, or equivalent. Course addresses issues of race, gender, and class in a selection of works written by prominent French Francophone women. Taught in English. Can be used for minor credit with permission of the coordinator.

General Foreign Language Courses

FOL 3930r. Experiments in Modern Language (3). May be repeated to a maximum of nine (9) 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 (5) 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 (6) 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 and Francophone Literatures, Cultures, and Civilizations

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; FRW 3421, FRW 3100, 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 4420. Advanced Composition (3). Prerequisite: Two 3000-level GER courses or permission instructor. Course objective: ability to write with a developed personal style. Students will individually develop a topic, including a 15-page manuscript and complete class participation. Near mastery of German grammar is a prerequisite. The course is conducted in German.

GER 4480. Modern German of the News Media (3). Prerequisite: Two 3000-level courses or instructor permission. An advanced-level skills course. Discussion of current events and mass media in German-speaking countries and work with authentic texts (newspapers, radio, television, films, and video tape).

GER 4095r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

German Language

GER 1110. Elementary Conversational German (4). (Conversational method.) Introduction to German with emphasis on speaking. Additional hours arranged for conversational practice with more than two years of high school German or the equivalent should consult the department for placement. Introduction to German with emphasis on speaking. Additional hours arranged for conversational practice. May not be taken by native speakers. May not be taken concurrently with GER 1111, 1120, 1121 and/or 2220.

GER 1111. Elementary Conversational German (4). Prerequisites: GER 1110 and GER 1120 or equivalent. (Conversational method.) Students with three or four years of high school German or the equivalent should consult the department for placement. May not be taken concurrently with GER 1120, 1121, 1110 and/or 2220. GER 1120. Elementary German I (4). Introduction to German. May not be taken by native speakers. May not be taken concurrently with GER 1110, 1111, 1120, and/or 2220.

GER 2220. Reading and Conversation (4). Prerequisites: GER 1121 and 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 recordins, serves as the basis for discussion. May not be taken by native speakers. 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 instructor permission. An introduction to business languages and practices in German-speaking countries.

GER 3500r. German Studies (3). Prerequisite: GER 2220 or instructor permission. This course, taught primarily in German, serves 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 twelfth 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 3310 or GER 3400 or instructor permission. This course, taught primarily in German, presents a survey of a topic in the area of German studies. Topics may include themes from art, music, or literature placed in a cultural and historical perspective. Topics will change frequently. May be repeated to a maximum of six (6) semester hours with permission of instructor.

GER 3780. Phonetics (3). Prerequisite: GER 2220. The objectives are the acquisition of correct German sound formation by comparison with English phonetics and the improvement of the student's conversational German through pronunciation exercises. The course is conducted in German.

GER 3930r. Special Topics (3). Prerequisite: GER 3310 or GER 3400 or instructor permission. Allows students to study non-literary topics of a special kind, depending on student interest and faculty expertise. May be repeated to a maximum of nine (9) semester hours when content changes.

Modern Languages and Literatures

Italian

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 1111, 1120, 1121, and/or 2220.
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 century through the present day.

ITW 4400. Renaissance Literature (3). Prerequisite: 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, Ariosto, and Tasso.

ITW 4440r. 18th- and 19th-Century Literature (3). Prerequisite: 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 (6) semester hours.

ITW 4480. 20th-Century Literature (3). Prerequisite: ITW 3100 and ITW 3101 or equivalent. This course offers readings and discussions of figures and movements in 20th-century Italian literature.

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 syntactic and morphological points introduced are word order, nominative of subjects, 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 syntactic and morphological points introduced in JPN 1120. Further study will be made of the Japanese 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. May not be taken concurrently with JPN 1120, 2220 and/or 2300.

JPN 2300. Review Grammar and Syntax (4). Prerequisite: JPN 2220. May not be taken by native speakers. May not be taken concurrently with JPN 1120, 2221 and/or 2300.

JPN 3202. Readings in Short Stories and Essays (3). Prerequisite: JPN 2300. Selected readings 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 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

JPN 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 (9) semester hours.

JPT 3200. Readings in the Japanese Language and Culture (3). This course is designed to give students an opportunity not only to strengthen their knowledge of basic Japanese, but to gain better insight into the structure of modern Japanese. Through graded exercises students are taught to write sophisticated Japanese. May not be taken concurrently with JPN 1120, 2220 and/or 2300.

JPT 3202. Intermediate Reading in Japanese (3). Prerequisite: JPN 1121 or equivalent. May not be taken by native speakers. May not be taken concurrently with JPN 1120, 2220 and/or 2300.

JPT 5391r. Japanese Film and Culture (3). This course is for students interested in Japanese film and culture, and culture in translation. Students learn the skills of analyzing films and come to understand the development of Japanese film and culture. May be repeated to a maximum of six (6) semester hours. Taught in English.

JPT 3122. Modern Japanese Literature in Translation (3). This course explores translations of modern Japanese literature. May be repeated to a maximum of six (6) semester hours.

JPT 4020r. Japanese Calligraphy (1). Prerequisite: JPT 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 (2) semester hours.
Korean

KOR 2200. Reading and Conversation (4). May not be taken by native speakers. This course continues to emphasize speaking and listening skills and introduces more of the essentials of Korean grammar, but more time is devoted to reading and writing. This course 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 an understanding of the nature of language, to dispel a number of myths and misconceptions about language, and to provide tools and techniques for describing linguistic data. May count toward the major in Slavic (Russian) and Spanish.

LIN 4030. Introduction to Historical Linguistics (3). This course is designed to familiarize students with the world language families, notion of relatedness, sound correspondence, comparative method, internal reconstruction, and the reconstruction of the Proto Indo-European languages. Several theories of sound change are also discussed.

LIN 4040. Introduction to Descriptive Linguistics (3). This course attempts to develop an understanding of the organization of language, to provide tools and techniques for describing language data, and to examine various models of linguistic description. 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 nine (9) semester hours.

Glossary

Portuguese (Brazilian)

POR 1120. Elementary Portuguese I (4). A first semester course in Portuguese for beginning students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context. Basic grammar skills are also introduced.

POR 1121. Elementary Portuguese II (4). Prerequisite: POR 1120. A second semester course in Portuguese for beginning level students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

POR 2220. Intermediate Portuguese (4). Prerequisites: POR 1120 and POR 1121. A third semester course in Portuguese for intermediate level students. This course will emphasize the four basic communicative skills of listening, reading, speaking, and writing in a culturally authentic context.

POR 3140. Portuguese for Advanced Students of Spanish (3). Prerequisite: A 3000-level course in Spanish (completed or concurrent enrollment) or Instructor permission. An intensive course in Brazilian Portuguese for advanced students of Spanish. This course is based on positive transfer of applicable linguistic structures of Spanish, avoidance of negative transfer, and concentration on structures unique to Portuguese. Understanding, speaking, reading, and writing skills are practiced.

POR 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, avoidance of negative transfer, and concentration on structures unique to Portuguese. Understanding, speaking, reading, and writing skills are practiced.

POR 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum. May be repeated to a maximum of six (6) semester hours.

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 3420. Russian Grammar and Composition (3). Prerequisite or corequisite: RUS 2330 or equivalent. Development of writing and grammar skills.

RUS 4410. Advanced Russian Conversation (3). Prerequisite: RUS 3400. Styles and levels of oral expression on a wide range of topics.

RUS 4421. Advanced Russian Grammar and Composition (3). Prerequisite: RUS 3420. 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 (6) semester hours.

RUS 4930r. Special Topics (3). May be repeated to a maximum of twelve (12) semester hours for the major. Only three (3) semester hours taken in any summer session count for the major.

RUS 4935r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, three (3) hours of which may be applied to the requirements for the major with permission of the department. All honors work is directed by the student's honors committee.

RUS 4942r. Internship in Applied Russian (1–6). (S/U grade only.) Prerequisite: Advanced standing in Russian. Provides academic credit for students working in governmental agencies or private business where students employ the foreign language. Departmental permission required. May be repeated to a maximum of six (6) semester hours.

Russian Courses in Translation

RUT 3110. Russian Literature in English Translation (3). Readings and discussion of major Russian literary works.

RUT 3504. Modern Russian Life (3). An overview of current social and cultural issues in Russia, including the legacy of the Soviet period, the relationship between literature and daily life, women's issues, ecology, mass media, and the efforts of the country to define itself in its new setting and role. No knowledge of Russian is required. May count toward the Russian major. Taught in English.

RUT 3523r. Russian Cinema (3). This course offers viewing and discussion of Soviet classics and contemporary films. Credit may be applicable to the Russian major. Knowledge of Russian is not required. When content varies, the course may be repeated to a maximum of six (6) semester hours. Taught in English.

RUT 3800. Introductory Russian to English Translation (3). Essentials of translation techniques. Requires grade of “B” or better in RUS 2220 (or equivalent) or permission of the instructor.

RUT 3801r. Advanced Russian to English Translation (3). Prerequisite: RUS 3800 or equivalent, or instructor permission. Practicum in translation of contemporary publicistic prose. May be repeated to a maximum of six (6) semester hours.

Russian Language (Writing)


RUIW 3101. Survey of Russian Literature II (3). A survey of representative works of Russian 20th century short and long fiction.

RUIW 4470r. Modern Russian Literature (3). Prerequisite: RUIW 1100 and RUIW 3101 or equivalent. A study of the great works of major Russian writers of the 19th and 20th centuries, encompassing study of specific movements such as Romanticism, Realism, Modernism, and Socialist Realism. May be repeated to a maximum of nine (9) semester hours.

Serbo-Croatian

SEC 4905r. Directed Individual Study (3). Students arrange with individual faculty members to undertake specialized study in areas outside of or in addition to the regular curriculum.

Slavic

SLL 3500. Slavic Culture and Civilization (3). This course examines the Slavic peoples, their cultures and traditions, from prehistory to present day. Novels and film give students a perspective from the “inside.” Taught in English.

SLL 3510. The Slavic Vampire (3). This course is an exploration of the myth of the Vampire, from its origins in Slavic folklore to its appropriation by the West. It examines why the Vampire has endured not only in Eastern Europe but also in the Western imagination. Taught in English.
Prerequisite: SPN 2220 or equivalent. This course is the first of a three-semester sequence of courses for students with no prior knowledge of the Spanish language, either at the high-school or native-speaker level. This course emphasizes oral and grammatical expertise, as well as listening comprehension. Students will read short texts and write paragraphs and short compositions in Spanish. May not be taken concurrently with SPN 1121, 1124, and/or 2220. May not be taken by native speakers. Some sections may be computer-assisted.

SPN 1121. Elementary Spanish II (4). Prerequisite: SPN 1120 or equivalent. The course emphasizes oral communication and grammatical expertise, as well as listening comprehension. Students will read short texts and poems and write compositions in Spanish. May not be taken by native speakers. May not be taken concurrently with SPN 1120, 1124, and/or 2220.

SPN 1124. Comprehensive Elementary Spanish (4). This is a one-semester course designed for those students who have had at least two (2) years of high school Spanish (or the equivalent), but who do not feel ready to go directly into SPN 2220 Intermediate Spanish. May not be taken by native speakers. Students passing SPN 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 needed for 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 credit varies to a maximum of eight (8) semester hours. With approval of the department, may fulfill the arts and sciences language requirement.

SPN 2220. Intermediate Spanish (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 2240. Intermediate Spanish II (3). Prerequisite: SPN 2220 or equivalent. This course completes the intermediate Spanish skills sequence and finishes the review of the grammar sequence begun in SPN 2220. Students deepen their functional skills in comprehending, speaking, reading, and writing Spanish and gain an overview of Hispanic culture in various countries. May not be taken by native speakers.

SPN 3300. Spanish Grammar and Composition (3). Prerequisite: A grade of “C-” or higher in SPN 2240. This course covers the theory and practice of Spanish grammar and its application to compositions. Can be taken concurrently with SPN 3201. Not open to native or heritage Spanish speakers.

SPN 3322. Communication in Language and Culture I (3). Prerequisite: SPN 2240 or instructor permission. This course uses an integrated skills approach to develop an understanding of Hispanic culture and to extend the growth of communicative proficiency in Spanish. May not be taken by native speakers.

SPN 3333. Communication in Language and Culture II (3). Prerequisite: SPN 3332 or instructor permission. This course is the second semester of the integrated skills sequence. In this course, students will deepen their understanding of Hispanic culture and the development of communicative proficiency and accuracy in the language. May not be taken by native speakers.

SPN 3350. Spanish for Heritage Speakers (3). This course offers intensive Spanish for heritage speakers who have had little or no formal training in the language. Writing skills are emphasized.

SPN 3400. Spanish Reading and Conversation (3). Prerequisite: A grade of “C-” or higher in SPN 2240. This course develops communicative proficiency and accuracy in both reading and writing Spanish. Can be taken concurrently with SPN 3310. Not open to native or heritage speakers of Spanish.

SPN 3440. Language and Culture in Business (3). Corequisite: SPN 3333 or instructor permission. This is an intermediate-level language course aimed at raising cross-cultural awareness in international business. It also is designed to better prepare students to meet the challenges of our global economy.

SPN 3510. Cultures of Iberia (3). Corequisite: SPN 3333 or SPN 3350 or instructor permission. This course provides students with fundamental knowledge about the cultures and history of the Iberian peninsula in an effort to enhance their cultural and historical knowledge. This course also aims to improve their basic communicative skills in Spanish.

SPN 3520. Cultures of Latin America (3). Corequisite: SPN 3333 or SPN 3350 or instructor permission. This course provides students with fundamental knowledge about the cultures and history of Latin America at the introductory level. The course emphasizes oral communication and historical knowledge. This course also aims to improve their basic communicative skills in Spanish.

SPN 4420. Advanced Spanish Composition and Translation (3). Prerequisite: SPN 3333 or equivalent. Stresses composition in Spanish with less emphasis on translation from Spanish into English. For students with prior knowledge of essential points of Spanish grammar.

SPN 4540r. Regional Cultural Studies (3). Prerequisite: SPN 3333 or SPN 3350 or instructor permission. This course provides students with exposure to texts and cultural productions from specific regions of Latin America, Spain, or the Latino enclaves in the U.S. Texts may include historical documents, legends and myths, poetry, fiction, essays, or popular music. May be repeated to a maximum of six (6) semester hours.

SPN 4740r. Hispanic Sociolinguistics (3). Prerequisite: SPN 3333 or SPN 3350 or instructor permission. This course provides students with a cultural and linguistic awareness of the Spanish language and of the various and numerous societies in which it is spoken. Topics that relate to Spanish may include linguistic variation, language and gender, the sociology of language, the rights of linguistic minorities, language movements, and language policy.

SPN 4760. Spanish Phonetics (3). Prerequisite: SPN 3333 or SPN 3350 or equivalent. Training in the production of acceptable speech sounds in Spanish and a knowledge of when to use those sounds (allophonic distribution). Class meets both in the classroom and in the language laboratory. The 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 (6) semester hours.

SPN 4930r. Studies in Hispanic Language (3). Prerequisite: Spanish majors and minors with a minimum of (6) semester hours in Spanish at the 3000 or 4000 level or instructor permission. May be repeated when content varies for a maximum of (6) semester hours.

SPN 4935r. Honors Thesis (1–6). May be repeated to a maximum of nine (9) semester hours, three (3) hours of which may be applied to the requirements for the major with permission of the department. All honors work is directed by the student’s honors committee.

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 foreign language. Departmental permission required. May be repeated to a maximum of six (6) 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.

SPT 3310. 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, Rafiño, Fuentes, Garcia Marquez, Machado de Assis, and Amado. Does not count toward major or minor in Spanish. This class counts for Latin American and Caribbean studies major and minor. Taught in English.

Spanish Literature (Writings)

SPT 3391r. Hispanic Cinema (3). Study of the films, movements, and directors of Hispanic cinema. May be repeated to a maximum of six (6) semester hours. Course applies toward major 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. Taught in English.

SPW 3030. Approaching Hispanic Literature (3). Corequisite: SPN 3332 or instructor permission. This course is a multi-genre introduction to literary analysis. It seeks to further develop basic language and critical thinking skills, understandings of Hispanic cultures, and interpretation of Hispanic literature.

SPW 3031. Readings from Early Iberia (3). Prerequisite: SPW 3030. Through a variety of texts about and from Spain and its colonies, this course provides students with a fundamental knowledge of the critical issues related to the early Iberian peninsula, from approximately 1000 to 1700 A.D. Such topics may include medieval multiculturalism, the cultural role of the Church, and culture in an age of territorial expansion.

SPW 3014. 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 3122. 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 cultural institutions, and the aesthetics and ideologies of nation-building.

SPW 3433. 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 approximately 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 these topics as they relate to issues of gender, national politics, and culture from Latin America and Spain. May be repeated to a maximum of (6) semester hours.

SPW 4150r. Transatlantic Encounters (3). Prerequisites: Two 3000-level literature courses or instructor permission. This course explores the cultural and historical connections between Spanish America and Spain. Topics of study may include the subaltern in early Spain and Spanish America, nineteenth-century nation identities, and Modernismo/ Generacion del 98. May be repeated to a maximum of six (6) semester hours.

SPW 4190r. Special Topics in Hispanic Languages and Literature (3). Prerequisites: Two 3000-level courses or equivalent. Variable topics chosen from Spanish language, movements, periods, figures, and problems. May be repeated to a maximum of six (6) semester hours.
SPW 4301r. Hispanic Culture and Performance (3). Prerequisites: Two 3000-level literature courses or instructor permission. The study of dramatic works or performances from a Spanish-speaking region, including its socio-historical, literary, biographical, and cultural contexts. Students may participate in a workshop production of the work(s) studied. May be repeated to a maximum of six (6) semester hours.

SPW 4481. Contemporary Spanish Women Writers (3). Prerequisites: Two 3000-level literature courses. Course introduces the student to the works of 20th-century Spanish women writers and the critical attention they have received.

SPW 4481r. 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 4905r. Directed Individual Study in Hispanic Literature (3). The approval of the faculty member, the divisional coordinator, the Associate Chair for Undergraduate Studies, and the department chair is required. The student and the faculty member will meet each week. May be repeated to a maximum of six (6) semester hours.

SPW 4930r. Studies in Hispanic Literature (3). Prerequisites: Spanish majors and minors with minimum six (6) semester hours in 3000- or 4000-level SPW courses or instructor permission. May be repeated when content varies for a total of six (6) semester hours.

Graduate Courses

FOW 6907r. Directed Readings (1–6). (S/U grade only.)

Chinese

CHI 5505r. Readings in Chinese Literature (3).
CHI 5906r. Directed Individual Study (3). (S/U grade only.)
CHI 5910r. Supervised Research (1–5). (S/U grade only.)
CHI 5940r. Teaching Practicum (0–5). (S/U grade only.)

Czech

CZE 5914r. Directed Individual Study (3). (S/U grade only.)

Foreign and Biblical Languages

FOL 5934r. Problems and Studies in Modern Languages and Literature (3).

Foreign Writing

FOW 5025. Critical Theory and Its Application to Non-English Literatures (3).

French

French and Francophone Language and Culture

FRE 5060. Graduate Reading Knowledge in French (3). (S/U grade only.)
FRE 5069r. Reading Knowledge Examination (0). (S/U grade only.)
FRE 5456. Comparative Stylistics (3).
FRE 5565. French and Francophone Cultures (3).
FRE 5583. Post-Colonial Cultures in France (3).
FRE 5755. Old French (3).
FRE 5756. Reading in Old French Language (3).
FRE 5900r. Studies in French Language and Literature (3).
FRE 5940r. Teaching Practicum (0–5). (S/U grade only.)
FRE 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

French Literature in Translation

FRT 5555. Immigration and National Identity in France (3).

French and Francophone Literatures, Cultures and Civilizations

FRW 5315. Classical Theatre of the 17th Century (3).
FRW 5415. Old French Literature (3).
FRW 5419r. Studies in Medieval French Literature: Figure or Genre (3).
FRW 5586r. Studies in 16th-Century Literature: Figure or Movement (3).
FRW 5587r. Studies in 17th-Century Literature: Figure or Movement (3).
FRW 5588r. Studies in 18th-Century Literature: Figure or Movement (3).
FRW 5595r. Studies in 19th-Century French Literature. (3)
FRW 5599r. Studies in 20th-Century Pre-War (1900–1940) French Literature: Figure or Movement and/or Genre (3).
FRW 5599r. Studies in 20th-Century Post War (1940) French Literature: Figure or Movement and/or Genre (3).
FRW 5775r. Francophone Caribbean/African Cultures (3).
FRW 5906r. Directed Individual Study (3). (S/U grade only.)
FRW 5910r. Supervised Research (1–5). (S/U grade only.)

FRW 6938r. Graduate Seminar in French Literature (3).

German

German Language

GER 5060. Graduate Reading Knowledge in German (3). (S/U grade only.)
GER 5069r. Reading Knowledge Examination (0). (S/U grade only.)
GER 5425. Essay Workshop (3).
GER 5906r. Studies in German Languages and Literature (3).
GER 5940r. Teaching Practicum (0–5). (S/U grade only.)
GER 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

German Literature in Translation

GET 5135. German Literature in Translation (3).
GET 5525r. German Cinema (3).
GET 5588r. Studies in a Theme (3).

German Literature (Writings)

GEW 5208r. Studies in a Genre (3).
GEW 5595r. Studies in a Theme (3).
GEW 5596r. Studies in an Author or Movement (3).
GEW 5597r. Studies in a Period: Special Topics (3).
GEW 5906r. Directed Individual Study (3). (S/U grade only.)
GEW 5915r. Supervised Research (1–5). (S/U grade only.)

Italian

Italian Language

ITA 5060. Graduate Reading Knowledge in Italian (3). (S/U grade only.)
ITA 5069r. Reading Knowledge Examination (0). (S/U grade only.)
ITA 5455r. Advanced Italian Composition and Style (3).
ITA 5505r. Italian Culture and Civilization (3).
ITA 5900r. Studies in Italian Language and Literature (3).
ITA 5940r. Teaching Practicum (0–5). (S/U grade only.)
ITA 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Italian Literature (Writings)

ITW 5415. Italian Renaissance Literature (3).
ITW 5445r. 18th and 19th Century Italian Language (3).
ITW 5485r. 20th Century Italian Literature (3).
ITW 5486r. Readings in Contemporary Italian Prose (3).
ITW 5705r. The Trecento Writers (3).
ITW 5905r. Directed Individual Study (3). (S/U grade only.)
ITW 5910r. Supervised Research (1–5). (S/U grade only.)

Japanese

JPN 5900r. Studies in Japanese Language and Literature (3).
JPN 5906r. Directed Individual Study (3). (S/U grade only.)
JPN 5915r. Supervised Research (1–5). (S/U grade only.)
JPN 5940r. Teaching Practicum (0–5). (S/U grade only.)

Linguistics

LIN 5035. Historical/Comparative Linguistics (3).
LIN 5045. Descriptive Linguistics (3).
LIN 5510. Transformational Grammar (3).
LIN 5908r. Directed Individual Study (3). (S/U grade only.)
LIN 5910r. Supervised Research (1–5).
LIN 5932r. Topics in Linguistics (3).

Portuguese (Brazilian)

Portuguese Language

POR 5069r. Graduate Reading Knowledge Examination: Portuguese (0). (S/U grade only.)
POR 5930r. Studies in Portuguese (Brazilian) Language and Literature (3).
POR 5940r. Teaching Practicum (0–5). (S/U grade only.)

Portuguese (Writings)

POW 5905r. Directed Individual Study (3). (S/U grade only.)
POW 5910r. Supervised Research (1–5). (S/U grade only.)
Russian

Russian Language

RUS 5065r. Reading Knowledge Examination (0). (S/U grade only.)
RUS 5415r. Graduate Russian Conversation and Comprehension (3). (S/U grade only.)
RUS 5455r. Russian Stylistics (3).
RUS 5845r. History of the Russian Language and Reading of Old Russian Texts (3).
RUS 5940r. Teaching Practicum (0–5). (S/U grade only.)
RUS 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Russian Literature

RUS 5115. Seminar: Russian Literature in English Translation (3).

Russian Literature (Writings)

RUW 5335. Russian Poetry (3).
RUW 5559r. Seminar in 19th-Century Russian Literature (3).
RUW 5579r. Modern Russian Literature (3).
RUW 5900r. Directed Individual Study (3). (S/U grade only.)
RUW 5910r. Supervised Research (1–5). (S/U grade only.)
RUW 5930r. Special Topics (3).

Serbo-Croatian

SEC 5900r. Studies in Serbo-Croatian Language and Literature (3).
SEC 5906r. Directed Individual Study (3). (S/U grade only.)
SEC 5910r. Supervised Research (1–5). (S/U grade only.)

Slavic

SLL 5906r. Directed Individual Study (3). (S/U grade only.)
SLL 5915r. Supervised Research (1–5). (S/U grade only.)

Spanish

Spanish Language

SPN 5060. Graduate Reading Knowledge in Spanish (3). (S/U grade only.)
SPN 5069r. Reading Knowledge Examination (0). (S/U grade only.)
SPN 5795. Phonology of Spanish (3).
SPN 5805. Spanish Morphology and Syntax (3).
SPN 5845. History of the Spanish Language (3).
SPN 5900r. Studies in Hispanic Language and Literature (3).
SPN 5940r. Teaching Practicum (0–5). (S/U grade only.)

SPN 6925r. Tutorial in Professional Issues (0–2). (S/U grade only.)

Spanish Literature (Writings)

SPW 5195r. Studies in Hispanic Literatures and Cultures (3).
SPW 5216. Spanish Golden Age Prose (3).
SPW 5275r. Spanish 20th-Century Novel (3).
SPW 5315. Spanish Golden Age Theater (3).
SPW 5337. Spanish Poetry through 1700 (3).
SPW 5338r. Spanish Poetry from 1700 to Present (3).
SPW 5356. Early and Modern Spanish American Poetry through Modernism (3).
SPW 5357. Contemporary Spanish American Poetry since Modernism (3).
SPW 5365. Spanish American Prose: Nonfiction (3).
SPW 5385. Early and Modern Spanish American Prose Fiction to 1927 (3).
SPW 5386. Contemporary Spanish American Prose Fiction since 1927 (3).
SPW 5405. Medieval and Early Renaissance Spanish Literature (3).
SPW 5486. Contemporary Spanish Women Writers (3).
SPW 5496. Spanish-American Women Writers (3).
SPW 5606. Cervantes (3).
SPW 5757. 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 course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MOLECULAR BIOLOGY:
see Biological Science

MOLECULAR BIOPHYSICS, PROGRAM IN:
see Graduate Bulletin
MOTION PICTURE, TELEVISION, AND RECORDING ARTS

COLLEGE OF MOTION PICTURE, TELEVISION, AND RECORDING ARTS

Dean: Frank Patterson; Associate Dean: Reb Bradsock; Assistant Dean: Fred Salancy; Associate Professor: Auzeenne; Filmmakers in Residence: Allen, Carruth, Chalmers, Cohen, Kaleko, Long, Metz, Nunez, Portman, Scoon; Dean Emeritus: Raymond Fielding; Distinguished Filmmaker At Large: A.C. Lyles

The Florida State University College of Motion Picture, Television, and Recording Arts (the Film School) offers a Bachelor of Fine Arts (BFA) and Master of Fine Arts (MFA). The BFA combines schooling in filmmaking with solid grounding in liberal studies. The curriculum directs students through the program in such a way that they will begin learning the special language of film by making short films. The Film School funds virtually all student production expenses, including those of the thesis films, a portion of production design, and catering. Screenwriting, production, and film analysis are each viewed as part of an integrated process. The goal of the program is to produce educated, literate, and creative filmmakers; the focus of the program is on fictional narrative films. Undergraduate students in the BFA program will receive a well-rounded liberal arts education that includes writing courses. The major courses include producing, directing, screenwriting, editing, camera and lighting, sound, production management, film history, theory, and aesthetics. Please consult the Graduate Bulletin for information regarding the MFA program.

The purpose of this curriculum is to furnish the conceptual framework, the professional training, and the working environment for eventual participation in a profession that is a powerful influence in our culture. The goals of the College of Motion Picture, Television, and Recording Arts are to fully educate students and to help them become integral members of the academic community of Florida State University, responsible members of the entertainment profession, and participants in a creative and artistic process.

The program in motion picture, television, and recording arts is under constant review and subject to change. For further information, please refer to http://film.fsu.edu.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in motion picture, television, and recording arts satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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:

Motion Picture and TV Technology

1. FIL X401 or FIL X400
2. FIL X100 or any general screen or script-writing course

Requirements for a Major in Motion Picture, Television, and Recording Arts

This major emphasizes three areas: production skills, screenwriting, and interpretative analysis. Traditional classes in these areas will be supplemented with: (1) problem-solving seminars simulating entertainment business dilemmas; (2) laboratory courses in production techniques; and (3) screenings and workshops conducted by active film professionals.

The degree will require completion of a minimum of one hundred twenty semester hours. For a sample listing of the required curriculum plan, please refer to http://film.fsu.edu.

To fulfill the requirements of the Film Production program in the College of Motion Picture, Television & Recording 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 Film School, filmmaking protocols, and the operation of filmmaking equipment;
- Possess the ability to adequately communicate orally, in English, with others.

Admission

This is a limited access program; therefore, admission is highly selective and highly competitive. Approximately 30 freshmen and transfer applicants are admitted each Fall as film majors. A student seeking to enter the program must offer an acceptable grade point average (GPA), usually above 3.0, and be eligible for admission to FSU. Freshmen majors will not enroll in film major classes prior to their sophomore year in order to concentrate full-time on fulfilling liberal studies requirements. Freshmen may need to enroll in Summer courses in order to complete the required twenty-seven semester hours of the liberal studies prior to continuing in the Fall as a sophomore. Admission into the film major as a transfer student requires that twenty-seven semester hours of the liberal studies requirements be completed prior to Fall admission.

A separate application must be submitted directly to the College of Motion Picture, Television, and Recording Arts in addition to the application for admission to the Florida State University Office of Admissions.

All applications to the Film School must include a 500–1,000 word essay describing the applicant’s background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all of these items will be treated as incomplete, and admission will be denied automatically.

Applicants are not permitted to submit portfolio items such as VHS tapes, DVDs, writing samples, photos, etc. The deadline for submitting an application to the undergraduate program is December 1st for students seeking admission in the Fall semester. Film School applications are available online at http://film.fsu.edu.

Grade Requirements

Film majors must maintain a “B” average in all major requirements.

Retention

All students must meet the University’s minimum retention standards, as well as the Film School’s professional Code of Conduct. In addition, continuation as a major in the Film School will depend on the development of each student’s talents, skills, professional discipline, and academic record. A student’s work and commitment are under continuous review, and any candidate who fails to maintain high standards will be dismissed from the program.

Probation and/or Dismissal

Film majors will adhere to the University Academic Honor System, Student Conduct Code, and Summon's to Responsible Freedom.

At the end of each semester, the faculty and director will meet to discuss the work, behavior, grades, and progress of the majors. At that time, students may be notified of probation or dismissal by a letter stating their status, with an invitation to meet with the Associate Dean. In addition, a student may be placed on probation or dismissed at any time under the following circumstances:

1. Cumulative GPA falls below 3.0 in all major requirements resulting in a one-semester probation. Students will be reinstated in good standing if the cumulative major GPA rises to 3.0 by the end of the following semester. Failure to raise the GPA will result in dismissal from the program.
2. Attendance will be taken in all classes at the beginning of class. Anyone not in class at that time will be considered absent; anyone leaving class early may also be counted as absent. Approval of absences is up to the instructor and will require documentation to confirm the legitimacy of the absence.
3. Professional behavior is expected of film majors at all times. Therefore, behavior so negative, disruptive, or destructive as to compromise the work of fellow students or the effectiveness of the faculty and/or inability to work positively in a collaborative environment shall
constitute grounds for probation or immediate dismissal without any prior period of probation. Peer evaluations may be considered in this evaluation process. A student on probation will be reinstated in good standing if, in the judgment of the faculty and the director, behavioral problems have been corrected. A student’s failure to correct problems will result in dismissal from the program.

4. Any unauthorized use, possession, or willful destruction of Film School equipment, facilities, film stock, or finished film will result in immediate notification to the proper authorities. The outcome of their decisions will determine the actions of the Film School with respect to the student(s) involved.

Liberal Studies Program

All undergraduates majoring in film are required to meet Florida State University’s liberal studies requirements as specified in the “Undergraduate Degree Requirements” chapter of this General Bulletin. Film majors are also required to register for FIL 2001 Introduction to Film, (liberal studies fine arts credit) for Fall semester, and PHY 1075C Fundamentals of Physics, (liberal studies natural science credit) for Spring semester.

Transfer Students

Approximately five transfer students will be accepted into the College of Motion Picture, Television, and Recording Arts for admission each Fall semester, and they are required to have completed twenty-seven semester hours of the liberal studies requirements prior to the Fall semester. Applications must be submitted separately to both the College of Motion Picture, Television, and Recording Arts and the Florida State University Office of Admissions. Applications are available online at http://film.fsu.edu. All applicants with an acceptable GPA (usually above 3.0) must submit a 500–1,000 word essay describing their background, artistic experiences, creative influences, personal objectives, and future career goals, as well as a résumé, two letters of recommendation, transcripts from all high schools, colleges, and universities attended, and SAT (usually a minimum of 1200) or ACT (usually a minimum of 25) test scores. Any application that does not contain all of these items will be considered incomplete, and admission will be denied automatically. All application materials must be received by the College of Motion Picture, Television, and Recording Arts by December 1st for the applicant to be considered for admission the following Fall semester. Applicants are not permitted to submit portfolio items such as VHS tapes, DVD’s, writing samples, photos, etc. Transfer students must satisfy the same major requirements and curriculum as students who take all of their course work in the College of Motion Picture, Television, and Recording Arts.

Honors in the Major

The undergraduate Film School offers a program in honors in the major to encourage talented seniors to write a feature-length screenplay or undertake independent and original research as part of the bachelor of fine arts degree. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Health Insurance

Students seeking degrees in certain majors, including film, assume any exposure to the particular hazards associated with that major. As protection for our students, the Film School requires that majors present proof of health and accident insurance prior to registration in the Fall semester each year. Students are expected to maintain this insurance throughout their enrollment in the Film School. Registration will be administratively canceled at the end of the second week of classes for any students failing to provide proof of insurance.

Film Studies Minor in the College of Motion Picture, Television, and Recording Arts

The film studies minor will give students the opportunity to select a program of study that examines the many facets of American and international cinema. The interdisciplinary nature of the program allows students to experience different approaches to film study: film and cultural differences, basic film vocabulary, film history, film and social forces, film genres, film theories, film directors, and film aesthetics. No production classes are offered in the film studies minor.

Requirements for a Minor in Film Studies

The interdisciplinary minor requires the completion of fifteen (15) semester hours in courses approved for film studies. All students are required to take either FIL 2001 Introduction to Film, FIL 2030 Film History, or FIL 2000 Elements of Film. The remaining hours may be selected from the film studies offerings. Courses counted toward the film studies minor cannot be counted toward the major.

For additional information on a film minor, please e-mail Marie Behm, academic adviser, at mbehm@film.fsu.edu.

Core Courses (One Required of all Minors)

FIL 2000 Elements of Film (3)
FIL 2001 Introduction to Film (3)
FIL 2030 History of Motion Pictures (3)

Other Film Studies Courses

ANT 4930 Special Topics in Anthropology: Anthropology through Film (3)
CHT 3391 Chinese Cinema and Culture (3)
ENG 3110 Film Genres (3)
ENG 4115 Film Theory (3)
FRT 3520r French Cinema (3)
GET 3524r German Cinema (3)
HUM 3321 Multicultural Dimensions of Film and 20th-Century Culture (3)
ITT 3523r Italian Cinema (3)
JPT 3391 Japanese Film and Culture (3)
MEL 7110 Bioethics on Film (2–12)
PRT 3391 Brazilian Literature and Film in Translation (3)
RTV 3001 Media Techniques (3)
RTV 3101 Writing for the Electronic Media (3)
RTV 3104 Narrative Writing for Television and Film (3)
RUT 3523r Russian Cinema (3)
SPW 3391r Hispanic Cinema (3)

Definition of Prefix

FIL—Film

Undergraduate Courses

FIL 2001. Introduction to Film (3). Introduction to the basic terminology, techniques, and contributions of filmmaking and critical analysis skills to film/video form and content.
FIL 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 3132. Screenwriting II (3). Prerequisite: Major status. Development of sophisticated story ideas, treatments, character biographies, storyboards, stop-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 (6) 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 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 (6) 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.
FIL 3932r. Special Topics (3–12). Prerequisite: Major status. An analysis of specialized topics in motion pictures. May be repeated to a maximum of twelve (12) semester hours. May be repeated during the same semester.
FIL 3963. BFA Qualifying Exam (0). Prerequisite: Major status. Evaluates the progress of the student and recommends continuance in the Film School or directs the student toward other areas of study.

FIL 3971r. Thesis Film Support (2–12). (S/U grade only.) Prerequisite: Major status. Principles and responsibilities of critics, gaffers, assistant directors, assistant camerapeople, and production managers, as well as the performance of these responsibilities on the set of BFA thesis films. May be repeated to a maximum of twelve (12) semester hours.

FIL 4135. Screenwriting III (3). Prerequisite: Major status. Development of thesis script story ideas, treatments, character biographies, storyboards, step-outline, first drafts, and revisions of both original ideas and adaptations.

FIL 4160. Feature Screenwriting (3). Prerequisite: Major status. Teaches aspects of feature screening format, pitching ideas, creating and developing character, story, and dialogue.

FIL 4164. Feature Screenwriting: Development (3). Prerequisite: Major status. Teaches the various techniques of scene breakdown, setting up, sequencing, character development, and dialogue development. Also teaches rewriting techniques to strengthen first drafts.

FIL 4434r. Advanced Filmmaking (3–9). Prerequisite: Major status. Advanced principles and practice of making a short, sync-sound, 16 mm film. May be repeated to a maximum of nine (9) semester hours.

FIL 4474. Production: Advanced Cinematography (3). Prerequisite: 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 aspects 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 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 4905r. Directed Individual Study (1–3). (S/U grade only.) Prerequisites: Major status and junior standing. May be repeated to a maximum of six (6) 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 (6) 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 (6) 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 (6) 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 (12) 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 (15) 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 (15) semester hours.

FIL 4975r. Undergraduate Honors Thesis (1–6). Prerequisites: Admission to the undergraduate Film School honors program and major status. Student must complete a minimum of six (6) semester hours; may be repeated to a maximum of nine (9) semester hours.

FIL 4976. Thesis Script Rewrite (3). Prerequisite: Major status. Course trains one to articulate on paper an idea that is both discernible and visual in the form of a collection of interesting moments that add up to tell a story.
MUSIC

COLLEGE OF MUSIC


The College of Music has been a fully accredited member of the National Association of Schools of Music since 1930, and its degree requirements are in accordance with the latest published regulations of that association.

Undergraduate Degrees

The following are the undergraduate degrees offered by the College of Music:

• Bachelor of music—performance (piano, organ, voice, music theatre, strings [violin, viola, cello, double bass], woodwinds, brass, percussion, harp, guitar [classical])
• Bachelor of Music—composition
• Bachelor of Music—music theory
• Bachelor of Music—music therapy
• Bachelor of Music education (choral, instrumental, general)
• Bachelor of Arts in Music

In addition to the Bachelor of Music (BM) and Bachelor of Music Education (BME) degrees, the Bachelor of Arts (BA) degree in music is offered through the College of Music. The College of Music also provides a music minor for the divisions of the University that require a minor course of study.

For complete details of undergraduate degree requirements, plus a description of the college, its facilities, opportunities, and available financial assistance, refer to the “College of Music” chapter of this General Bulletin.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in the music BA program satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, CGS 2100, CGS 3406, EME 2040, MUE 4690, or MUS 2360. Undergraduate majors in music teacher education satisfy this requirement by earning a grade of “C–” or higher in MUE 4690. Undergraduate majors in music composition, music performance, music theory, and music therapy satisfy this requirement by earning a grade of “C–” or higher in 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/navigation/detail_ext/cpp_intro.do?pageId=6060304 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 and MUT X112 and MUT X116 and MUT X117
   Note: MUT X121 and MUT X122 and MUT X126 and MUT X127 are acceptable substitutes.

2. MUT X241 and MUT X242 and MUT X246 and MUT X247
   Note: MUT X221 and MUT X222 and MUT X226 and MUT X227 or MUT X261 and MUT X262 and MUT X266 and MUT X267 or MUT X271 and MUT X272 and MUT X276 and MUT X277 are acceptable substitutes.

3. MUN XXXX: one (1) course for four (4) credit hours

4. MVX X11X: two to four (2–4) credit hours

5. MVX X22X: two to four (2–4) credit hours

6. Secondary piano (proficiency by examination)
   Note: MVK X111 and MVK X112 and MVK X121 and MVK X122 or MVK X111r and MVK X112r and MVK X121r and MVK X211 and MVK X221 are acceptable substitutes.

7. XXX XXXX: additional courses are recommended, varying from track to track and institution to institution; contact the department for details

8. Additional requirements for degree are required, varying from track to track and institution to institution; contact the department for details
   Note: Duplicate courses such as MVK X111r may be repeated up to four (4) times.

Music Composition

1. MUT X111 and MUT X112 and MUT X116 and MUT X117
   Note: MUT X121 and MUT X122 and MUT X126 and MUT X127 are acceptable substitutes.

2. MUT X241 and MUT X242 and MUT X246 and MUT X247
   Note: MUT X221 and MUT X222 and MUT X226 and MUT X227 or MUT X261 and MUT X262 and MUT X266 and MUT X267 or MUT X271 and MUT X272 and MUT X276 and MUT X277 are acceptable substitutes.

3. MUN XXXX: one (1) course for four (4) credit hours

4. MVX X11X: two to four (2–4) credit hours

5. MVX X22X: two to four (2–4) credit hours

6. Secondary piano (proficiency by examination)
   Note: MVK X111 and MVK X112 and MVK X121 and MVK X122 or MVK X111r and MVK X112r and MVK X121r and MVK X211 and MVK X221 are acceptable substitutes.

7. XXX XXXX: additional courses are recommended, varying from track to track and institution to institution; contact the department for details
   Note: Duplicate courses such as MVK X111r may be repeated up to four (4) times.

Music Teacher Education

1. EDF X005

2. EDG X701
   Note: In addition to EDG X701, a minimum of six (6) 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. Plus the following general program prerequisites:
a. MUT X111 and MUT X112 and MUT X116 and MUT X117
   Note: MUT X121 and MUT X122 and MUT X126 and MUT X127 are acceptable substitutes.
b. MUT X241 and MUT X242 and MUT X246 and MUT X247
   Note: MUT X221 and MUT X222 and MUT X226 and MUT X227 or MUT X261 and MUT X262 and MUT X266 and MUT X267 or MUT X271 and MUT X272 and MUT X276 and MUT X277 are acceptable substitutes.
c. MVX X11X: two to four (2–4) credit hours
d. MVX X22X: two to four (2–4) credit hours
e. MUN XXXX: one (1) course for four (4) credit hours
f. Secondary piano (proficiency by examination)
   Note: MVK X111 and MVK X112 and MVK X121 and MVK X122 or MVK X111r and MVK X112r and MVK X121r and MVK X211 and MVK X221 are acceptable substitutes.
Music Performance

1. MUT X111 and MUT X112 and MUT X116 and MUT X117
   Note: MUT X121 and MUT X122 and MUT X126 and MUT X127 are acceptable substitutes.
   MUT X241 and MUT X242 and MUT X246 and MUT X247
   Note: MUT X221 and MUT X222 and MUT X226 and MUT X227 or MUT X261 and MUT X262 and MUT X266 and MUT X267 or MUT X271 and MUT X272 and MUT X276 and MUT X277 are acceptable substitutes.

3. MUN XXXX: one (1) course for four (4) credit hours
   Note: Duplicate courses such as MVK X111r may be repeated up to four (4) times.

5. Secondary piano (proficiency by examination)
   Note: MVK X111 and MVK X112 and MVK X121 and MVK X122 or MVK X111r and MVK X121r and MVK X121r and MVK X211 and MVK X221 are acceptable substitutes.

7. XXX XXXX: additional courses are recommended, varying from track to track and institution to institution; contact the department for details
   Note: Duplicate courses such as MVK X111r may be repeated up to four (4) times.

Music Theory

1. MUT X111 and MUT X112 and MUT X116 and MUT X117
   Note: MUT X121 and MUT X122 and MUT X126 and MUT X127 are acceptable substitutes.
   MUT X241 and MUT X242 and MUT X246 and MUT X247
   Note: MUT X221 and MUT X222 and MUT X226 and MUT X227 or MUT X261 and MUT X262 and MUT X266 and MUT X267 or MUT X271 and MUT X272 and MUT X276 and MUT X277 are acceptable substitutes.

3. MUN XXXX: one (1) course for four (4) credit hours
   Note: Duplicate courses such as MVK X111r may be repeated up to four (4) times.

4. MVx XX1X: two to six (2–6) credit hours
5. MVX XX2X: two to six (2–6) credit hours
6. Secondary piano (proficiency by examination)
   Note: MVK X111 and MVK X112 and MVK X121 and MVK X122 or MVK X111r and MVK X121r and MVK X121r and MVK X211 and MVK X221 are acceptable substitutes.

7. XXX XXXX: additional courses (MUV X512, MUV X513, MUL X110, MUS X010, MVS X111, MUS X440, MUE X412, PSY X012, and MUL X111) are recommended
   Note: Duplicate courses such as MVK X111r may be repeated up to four (4) 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 Music Administration
- Master of Arts in Music Education
- Master of Arts in Music Therapy
- Master of Music in Composition
- Master of Music in Conducting
- Master of Music in Conducting (Music Therapy Track)
- Doctor of Music in Performance
- Doctor of Philosophy in Music Education
- Doctor of Philosophy in Music Education (Music Therapy Track)
- Doctor of Philosophy in Music (specializations in historical musicology, ethnomusicology, and music theory)

The Doctor of Philosophy (PhD) degree in humanities with an emphasis in music is available from the College of Arts and Sciences.

Details of graduate programs can be found in the Graduate Bulletin.

Definition of Prefixes

- MUC: Music
- MUE: Music Education
- MUG: Music: Conducting
- MUH: Music: History/Musicology
- MUL: Music Literature
- MUM: Music: Commercial/Management/Administration
- MUN: Music Ensembles
- MUO: Music: Opera/Music Theatre
- MUR: Music: Church
- MUS: Music
- MUY: Music: Theory
- MUY: Music: Theory
- MVB: 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
- MVW: 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 222r. Composition (2). Prerequisite: MUC 1211. For composition majors only. Techniques of composition. May be repeated to a maximum of four (4) semester hours. 

MUC 323r. Composition (3). Prerequisites: MUC 222r and instructor permission. For composition majors only. May be repeated to a maximum of six (6) 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 (6) semester hours.

MUC 3620r. Jazz Composition (3). Techniques of creative jazz composition and literature. May be repeated to a maximum of (6) semester hours.

MUC 4103r. Composition (2). Prerequisite: MUC 2117. For non-composition majors only. May be repeated to a maximum of four (4) semester hours.

MUC 4241r. Composition (3). Prerequisite: MUC 3231r. For composition majors only. May be repeated to a maximum of six (6) semester hours.

Music Education

MUE 1090. Orientation to Music Education/Music Therapy (1). (S/U grade only.)


MUE 2390. Teaching Music to Diverse Populations (3). An introduction to the learning problems and needs of special education, early intervention, at-risk, and ESL children and those from diverse cultures, with applicable teaching methodology specific to music education curricula and goals.

MUE 2410. Choral Techniques for Non-Voice Principals (2). Prerequisite: Non-vocal music education majors or instructor permission. Corequisite: University Chorale (Summer) or approved substitute. Individual and group vocal techniques for the non-voice music education major.


MUE 3091. Orientation to Music Education/Therapy (1). (S/U grade only.) An orientation to the career options in music therapy.

MUE 3311. Reading and Teaching Music: Elementary (3). This course seeks to introduce the prospective music teacher to a variety of skills and techniques necessary for successful teaching in elementary school settings.

MUE 3334. Assessment and Teaching Music: Secondary Schools (3). Prerequisite: MUE 3311. Designed for undergraduate music education majors planning to teach general music classes in secondary schools, this course provides knowledge and experiences aimed at improving the student’s understanding, skills, and confidence as a teacher and musician.

MUE 3343. The Instrumental Program Strings and Orchestra (3). Required of music education instrumental majors.

MUE 3344. Teaching General Music K–12 (3). Prerequisites: MUE 3311 and MUE 3334. The rationale, sequence, and learning theory in relation to music for the general student (K–12).

MUE 3441. Methods of String Instruction (3). In this course, students have the opportunity to read current writings on string pedagogy, develop performance skills on two stringed instruments, and observe professionals teaching strings in the public schools. This course is required of all undergraduate instrumental music education majors.

MUE 3442. 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 3491. Communication Skills for the Musician: Choral (2). This course introduces development of choral, verbal, and non-verbal communication skills; conducting skills; and knowledge of choral literature.

MUE 3492. Choral Literature and Conducting (2). Concurrent registration in MUE 3495r is required.

MUE 3493. Communication Skills for the Musician: Instrumental (2). This course examines communication in the conducting of instrumental music in public schools. It emphasizes verbal and non-verbal technical techniques and the application of educational skills in the classroom.

MUE 3494. Band and Orchestral Literature and Conducting (2). Concurrent registration in MUE 3496r is required.

MUE 3495r–3496r. Music Education Laboratory (one [1] hour each). Required of all music education majors. MUE 3495r and 3496r each may be repeated to a maximum of four (4) semester hours. 3495r Choral, 3496r Instrumental.

MUE 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 of the United States’ school systems.

MUE 4092r. Arts in Medicine Services (1–3). This course orients, teaches, and coordinates students who wish to volunteer for Arts in Medicine practicum at Tallahassee Memorial Health Care. The purpose of the course is to allow each student to use his/her particular clinical skills to benefit Tallahassee Memorial HealthCare patients, families, and staff. For each hour of academic credit, students are required to complete two (2) hours per week of volunteer service throughout the semester. May be repeated to a maximum of three (3) semester hours.

MUE 4342. The Instrumental Program in the Schools Band (2). Prerequisites: MUE 3343 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 4411. Choral Techniques (4). Prerequisite: MUE 3491–3492 or instructor permission. Chorus and choral problems: organization, rehearsal, repertoire, dictation, intonation, tone quality, balance, blend, and style. Concurrent registration in MUE 3495r is required.


MUE 4480. Marching Band Techniques (1). The study of current marching band techniques, methods, and styles and their application to secondary public school music education programs.

MUE 4481. Jazz Ensemble Techniques (1). A course designed to study the implementation and administration of the jazz ensemble in the public school music program.

MUE 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 medical therapy in music therapy; to learn to design music activities in medical situations to reduce pain, anxiety, and distress; to participate in field experiences observing medical music therapy practices in a hospital setting; and to learn medical documentation for clinical music therapy.

Conducting

MUG 3104. Conducting (1). Prerequisite: MUT 1112. The elements of conducting and rehearsal techniques.


Music History

MUH 2111. 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 2112. 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 2119. Modern Popular Music (3). A survey of the development of popular music from the 1950s to the present, examining both the music and the cultural, social, economic, technological, and political conditions surrounding that music.

MUH 2151. 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 2152. Music Cultures of the World I, II (2, 2). For music majors only.
MUL 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.


MUL 3212. Survey of Music History II: 1750 to Present (3). Prerequisite: MUL 3211. Required of music majors. Survey of music history from 1750 to the present.

MUL 4321. History of Music: Medieval (3). Prerequisites: MUL 3211 and MUL 3212 or instructor permission.

MUL 4331. History of Music: Renaissance (3). Prerequisites: MUL 3211 and MUL 3212 or instructor permission.

MUL 4341. History of Music: Baroque (3). Prerequisites: MUL 3211 and MUL 3212 or instructor permission.

MUL 4351. History of Music: Classical (3). Prerequisites: MUL 3211 and MUL 3212 or instructor permission.

MUL 4361. History of Music: 19th Century (3). Prerequisites: MUL 3211 and MUL 3212 or instructor permission.

MUL 4371. History of Music: 20th Century (3). Prerequisites: MUL 3211 and MUL 3212 or instructor permission.

MUL 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, and African studies is recommended.

MUL 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.

MUL 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.

MUL 4543. Music in the Caribbean (3). A survey of the musics of the Caribbean Basin from Cura to Trinidad-Tobago, the coastal regions of northern Venezuela and Colombia, and the eastern coasts of Central America and Mexico.

MUL 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.

MUL 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.

MUL 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.

MUL 4591. World Music Pedagogy (3). Prerequisites: MUL 2512 and MUL 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.


MUL 4680. Introduction to Historical Musicology (3). An introduction to the history, scope, and sources of musicological research.

MUL 4681. Senior Seminar in Music History (3). Prerequisite: MUL 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 3471. 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 4490. Survey of Organ Literature (1). A survey of the major schools of organ composition, with particular emphasis on the contribution of organ music to the liturgy of the Western church.

MUL 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 (24) semester hours.

MUL 4600. Survey of Sacred Vocal Literature (1). A survey of the sacred vocal literature available for the liturgical year.


MUL 4642. Survey of Sacred Choral Literature (1). A survey of sacred choral literature suitable for medium-size choirs in churches and synagogues, embracing Catholic, Protestant, and Jewish Faiths.

MUL 4931r. Special Topics in Music Literature (1–3). The study of music literature. May be repeated to a maximum of twelve (12) semester hours.

Keyboard Technology

MUM 4210. Applied Piano Tuning I (3). Prerequisite: Instructor permission. This course examines string vibration as it relates to applied piano tuning.

MUM 4211. Applied Piano Tuning II (3). Prerequisite: MUM 4210. This course examines tuning systems and temperaments appropriate for historical instruments and for the modern piano.

MUM 4212. Applied Piano Tuning III (3). Prerequisite: MUM 4211. Continued development of tuning skills is examined.

MUM 4213. Applied Piano Tuning IV (3). Prerequisite: MUM 4212. This course develops tuning skills up to the concert level, and prepares students for the Piano Technicians Guild tuning exam.

MUM 4220. Theory of Piano Technology I (2). Prerequisite: Sophomore standing or instructor permission. History and fundamental principles of the modern mechanisms of the piano.

MUM 4221. Theory of Piano Technology II (2). Prerequisite: MUM 4220 or instructor permission. Introductory instruction in preparing a piano for concert performance, including tuning, voicing, and regulation.

MUM 4251. Piano Technology I (3). Prerequisite: Instructor permission. This course is an introduction to the history of the piano, the fundamental principles of the mechanisms of the modern piano, and construction techniques.

MUM 4252. Piano Technology II (3). Prerequisite: MUM 4251. Projects include high-lighting beginning restoration techniques and introduction to action regulation.

MUM 4253. Piano Technology III (3). Prerequisite: MUM 4252. Advanced repair and restoration techniques are examined.

MUM 4254. Piano Technology IV (3). Prerequisite: MUM 4253. Topics include major repairs and advanced and cutting edge action geometry.

MUM 4260. Organ Design and Maintenance (2). Prerequisite: Instructor permission. Open to all upper-division organ majors and principals.

Ensembles

Note: All ensemble courses are repeatable.

MUN 2210r. Marching Chiefs (0–1). Prerequisite: Audition. Band experience in marching and concert for all University students. May be repeated to a maximum of four (4) semester hours.

MUN 2211r. Concert Band (0–1). Concert experience in a variety of literature for all University students. May be repeated to a maximum of four (4) semester hours.

MUN 2230r. Symphonic Band (0–1). Prerequisite: Audition. Concert experience in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.

MUN 2240r. Wind Orchestra (0–1). Prerequisite: Audition. Professional-level performance in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.

MUN 2250r. 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 (4) semester hours.

MUN 2230r. 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 (4) semester hours.

MUN 2310r. 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 (4) semester hours.

MUN 2311r. Choral Union (0–1). The reading, study, and performance of choral repertoire for mixed voices. Open to all University students. May be repeated to a maximum of four (4) semester hours.
MUN 2320r. Women’s Glee Club (0–1). The study and performance of representative choral works for women’s voices. Open to all women enrolled in the University. May be repeated to a maximum of four (4) semester hours.

MUN 2330r. Men’s Glee Club (Collegians) (0–1). The study and performance of representative choral works for men’s voices. Open to all men enrolled in the University. May be repeated to a maximum of four (4) semester hours.

MUN 2350r. Opera Chorus (0–1). Prerequisite: Audition. The study and performance of works drawn from grand opera, operettas, and musicals. Performances are presented in concert and in operatic and musical theatre works. May be repeated to a maximum of four (4) semester hours.

MUN 2390r. University Chorale (0–1). The study and performance of works representative of a wide spectrum of choral literature for mixed voices. Open to all University students except voice performance majors. May be repeated to a maximum of four (4) semester hours.

MUN 2420r. Woodwind Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for woodwinds. May be repeated to a maximum of four (4) semester hours.

MUN 2430r. Brass Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for brasses. May be repeated to a maximum of four (4) semester hours.

MUN 2440r. Percussion Ensemble (0–1). Prerequisite: Instructor permission. The study and performance of ensemble literature for percussion. May be repeated to a maximum of four (4) 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 (4) 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 (4) 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 (4) semester hours.

MUN 2472r. Baroque Ensemble (0–1). Prerequisite: Instructor permission. May be repeated to a maximum of four (4) 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 (4) semester hours.

MUN 2510r. Piano Vocal/Instrumental Accompanying (0–1). May be repeated to a maximum of four (4) semester hours.

MUN 2710r. Jazz Ensemble (0–1). Prerequisite: Audition. The study and performance of jazz band literature. May be repeated to a maximum of four (4) semester hours.

MUN 2720r. Jazz-Pop Ensemble (0–1). Prerequisite: Audition. The study and performance of jazz and popular vocal music. Ensemble may include choreography, performance with larger ensembles, and off-campus concerts. May be repeated to a maximum of four (4) semester hours.

MUN 2800r. World Music Ensemble (0–1). Prerequisite: Instructor permission. May be repeated to a maximum of four (4) 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 (4) semester hours.

MUN 4123r. Concert Band (0–1). Concert experience in a variety of literature for all University students. May be repeated to a maximum of four (4) semester hours.

MUN 4133r. Symphonic Band (0–1). Prerequisite: Audition. Concert experience in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.

MUN 4143r. Wind Orchestra (0–1). Prerequisite: Audition. Professional-level performance in a wide variety of literature. May be repeated to a maximum of four (4) semester hours.

MUN 4144r. Chamber Winds (0–1). Professional-level performance in a wide variety of wind-oriented chamber music. Open to graduate students and selected upper-level undergraduate students. May be repeated to a maximum of four (4) semester hours.

MUN 4213r. University Symphony (0–1). Prerequisite: Audition. The study and performance of works drawn from a broad spectrum of orchestral literature. Participation by string majors required. May be repeated to a maximum of four (4) semester hours.

MUN 4223r. Chamber Orchestra (0–1). Prerequisite: Audition. The study and performance of works suitable for chamber orchestra. Open to selected undergraduate students. May be repeated to a maximum of four (4) semester hours.

MUN 4233r. Opera Orchestra (0–1). Prerequisite: Audition. The study and performance of works from selected operas, operettas, and musicals. May be repeated to a maximum of four (4) semester hours.

MUN 4313r. University Singers (0–1). Prerequisite: Audition. The study and performance of ensembles representative of a wide spectrum of choral literature. Open to all University students. May be repeated to a maximum of four (4) semester hours.

MUN 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 (4) 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 (4) semester hours.
MUS 1920r. Cawthon Hall Music Colloquium (0–1). (S/U grade only.) This course is part of the Cawthon Hall Music Living-Learning Center Colloquium series, and is required of all Cawthon Hall-Music participants. May be repeated to a maximum of four (4) semester hours.

MUS 2360. Introduction to Technology in Music (1). Prerequisites: MUT 1112 or equivalent and sophomore standing. Introductory survey of computer technology in music, including hardware, software, computer-based instruction, multimedia, and Internet.

MUS 3320. Survey of the Music Industry (3). Understanding the world of commercial music and techniques in personal marketability.

MUS 3340. Music Instrument Digital Interface (3). Develop techniques in electronic music composition and all aspects of MIDI.

MUS 3341r. Laboratory for Music Instrument Digital Interface (2). Laboratory application of MUS 3340. May be repeated to a maximum of six (6) semester hours.

MUS 3530. Beginning C Computer Programming Techniques for Musicians (3). Introduction to microcomputer-based interactive graphics programming in the C language, including the designing and implementation of music computer programs.

MUS 3531r. 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 (6) semester hours.

MUS 3533r. Computers in Music Design Seminar (3). Prerequisite: MUS 3531. Discussions and experiences in music instructional design. May be repeated to a maximum of six (6) semester hours.

MUS 3540. Electronics for Musicians (3). 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 production.

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 resynthesys techniques and will allow them to explore the technology and art of digital music production.

MUS 3543r. Special Topics in Music (1–3). Prerequisite: Instructor permission. May be repeated to a maximum of nine (9) semester hours.

MUS 3920r. Music Peer Advisement Practicum (0). (S/U grade only.) Introduction to leadership skills necessary for advising and counseling in the College of Music. May be repeated to a maximum of four (4) times.

MUS 4222. French Language and Diction for Singers (3). Prerequisite: FRE 1120. This course is the study of French diction and continuation of grammar studies from FRE 1120. The focus is on pronunciation of the French language and grammar 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 pronunciation of the German language and grammar 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 pronunciation of the Italian language and grammar 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. The materials and structures of music programs. Unlimited repeatability as long as the subject matter changes.

MUS 4613. Psychology of Music Survey II (3). Prerequisite: MUS 4611. The study of contrapuntal techniques of the 16th century.

MUS 4614. Jazz Improvisation I (1). Prerequisite: MUS 1112. Skills in beginning jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUS 4622. Jazz Improvisation II (1). Prerequisite: MUS 2641. Knowledge and technical skills in jazz improvisation. May be repeated to a maximum of three (3) semester hours.

MUS 5280. Post-Tonal Aural Skills (2). This class focuses upon aural skills for training of the performance and understanding of post-tonal music.

MUS 5353. Jazz Theory/Arranging I (3). Prerequisites: MUT 2117 and MUT 2247. A course designed to promote skills in arranging for the jazz ensemble.

MUS 5354. Jazz Theory/Arranging II (3). Prerequisite: MUS 3553 or instructor permission. Advanced skills in arranging for the jazz ensemble.

MUS 3421–3422. 18th-Century Counterpoint (two [2] hours each). Prerequisites: MUT 2117, MUT 2247, and MUT 3421 or MUT 3422. The study of contrapuntal techniques of the 18th century.

MUS 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.

MUS 3551. 19th-Century Styles (3). Prerequisites: MUT 2117 and MUT 2247. Stylistic studies of 19th-century music.

MUS 3571. 20th-Century Styles (3). Prerequisites: MUT 2117 and MUT 2247. Stylistic studies of 20th-century music.

MUS 4311. Orchestration (2). Prerequisites: MUT 3421 and MUT 3422. The study of the characteristic usage of orchestral instruments and the principles of scoring.

MUS 4321. Composing and Arranging for Wind Band (3). Prerequisite: Junior standing.

MUS 4411. 16th-Century Counterpoint (3). Prerequisites: MUT 2117 and MUT 2247. The study of contrapuntal techniques of the 16th century.

MUS 4572. Music Since World War II (3). This course covers recent musical techniques and aesthetics as revealed in selected works.

Music Theory

MUY 3601. Music Recreation Techniques (3). Prerequisite: Class guitar (MYS 1116) or instructor permission.

MUY 4401. Music Theory: Methods and Practicum I (3). Prerequisites: Senior standing in music theory, completion of MUS 4612; or instructor permission.

MUY 4402. Music Theory: Methods and Practicum II (3). Prerequisite: MUY 4401. The applications of music theory in all fields of health, corrections, and special education.

MUY 4403r. Clinical Internship in Music Therapy (1–2). (S/U grade only.) Prerequisite: Completion of all course work in music therapy. Six-month resident internship in an affiliated, approved clinical center. May be repeated once only and to a maximum of twenty (20) semester hours.

Applied Music

MVB (J, K, O, P, S, V, W) 1010r–1019r. Applied Music (two [2] hours each). Private instruction. For students preparing for Freshman level of applied music. With the exception of MVO 1010, 2030, and 4040, each course may be repeated to a maximum of four (4) semester hours. Credit earned in the MVB (J, K, O, P, S, V, W) 1011r–1019r series will not apply to the requirement of the major or principal instrument. (See specific requirements.) Credit may be modified to one (1) hour for all instruments.

MVB 1011r. App Mus Prep, Trumpet

MVB 1012r. App Mus Prep, French Horn

MVB 1013r. App Mus Prep, Trombone

MVB 1014r. App Mus Prep, Baritone Horn

MVB 1015r. App Mus Prep, Tuba

MVL 1011r. App Mus Prep, Piano

MVL 1012r. App Mus Prep, Voice, Jazz

MVL 1016r. App Mus Prep, Saxophone, Jazz

MKV 1011r. App Mus Prep, Piano

MKV 1012r. 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, Violoncello
MVS 1014r. App Mus Prep, Double Bass
MVS 1015r. App Mus Prep, Harp
MVS 1016r. App Mus Prep, Guitar
MWV 1011r. App Mus Prep, Voice
MWV 1011r. App Mus Prep, Flute
MWV 1012r. App Mus Prep, Oboe
MWV 1013r. App Mus Prep, Clarinet
MWV 1014r. App Mus Prep, Bassoon
MWV 1015r. App Mus Prep, Saxophone

MVO 1010r–4040r. Undergraduate Coaching (one to two [1–2] hours each). All instruments. Principal only. May be repeated to a maximum of four (4) semester hours.
MVO 1010r. App Mus Undergraduate Coaching
MVO 2020r. App Mus Undergraduate Coaching
MVO 3030r. App Mus Undergraduate Coaching
MVO 4040r. App Mus Undergraduate Coaching

MVK 1111r. Class Piano (1). Prerequisites: Audition and instructor permission. Class instruction. For music majors other than keyboard principals and performance majors. May be repeated to a maximum of two (2) semester hours.
MVW 1111r. Class Voice (1). Prerequisite: Instructor permission. Class instruction in the fundamentals of voice production. Elementary level.

MVS 1116r. Beginning Class Guitar (1). For beginning guitar students. Emphasis on music reading and elementary techniques.

MV(B, H, K, O, P, S, V, W) 1210r–1219r. Applied Music Secondary (two [2] hours each). Private instruction. For students whose curriculum requires study of a secondary instrument. Each course may be repeated to a maximum of twelve (12) semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine (9) semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 1410r (2), all instruments.
MVV 1211r. App Mus Sec, Piano
MVV 1212r. App Mus Sec, Organ
MVO 1219r. 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 1211r. App Mus Sec, Voice
MVS 1212r. App Mus Sec, Voice—Music Theatre
MVS 1211r. App Mus Sec, Flute
MVS 1212r. App Mus Sec, Oboe
MVS 1213r. App Mus Sec, Clarinet
MVS 1214r. App Mus Sec, Bassoon
MVS 1215r. App Mus Sec, Saxophone
MV(B, J, K, O, P, S, V, W) 1310r–1319r. Applied Music Principal (two [2] hours each). Private instruction. Principal instrument. For students whose major is not performance. Each course may be repeated to a maximum of six (6) semester hours. See curricular regulations. Credit may be modified by electing MVO 1310r (1), all instruments.
MVW 1311r. App Mus Prin, Trumpet
MVW 1312r. App Mus Prin, French Horn
MVW 1313r. App Mus Prin, Trombone
MVW 1314r. App Mus Prin, Baritone Horn
MVW 1315r. App Mus Prin, Tuba
MVJ 1310r. App Mus Prin, Piano, Jazz
MVJ 1311r. App Mus Prin, Voice, 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
MVK 1311r. App Mus Prin, Piano
MVK 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
MVW 1311r. App Mus Prin, Voice
MVW 1312r. App Mus Prin, Voice—Music Theatre
MVW 1313r. 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
MVW(B, K, O, P, S, V, W) 1410r–1416r. Applied Music Major (four [4] hours each: piano, harpsichord, organ, strings, harp, guitar; three [3] hours each: piano pedagogy, voice, woodwinds, brasses, percussion). Private instruction. Major instrument. For performance majors. Each course may be repeated to a maximum of twelve (12) semester hours by piano, harpsichord, organ, string, harp, and guitar majors; nine (9) semester hours by piano pedagogy, voice, woodwind, brass, and percussion majors. Credit may be modified by electing MVO 1410r (2), all instruments.
MVW 1411r. App Mus Maj, Piano
MVW 1412r. App Mus Maj, French Horn
MVW 1413r. App Mus Maj, Trombone
MVW 1414r. App Mus Maj, Baritone Horn
MVW 1415r. App Mus Maj, Tuba
MVW 1416r. App Mus Maj, Piano Pedagogy
MVO 1410r. Modified Credit, All Instruments (2)
MVP 1411r. App Mus Maj, Percussion
MVS 1411r. App Mus Maj, Violin
MVS 1412r. App Mus Maj, Viola
MVS 1413r. App Mus Maj, Violoncello
MVS 1414r. App Mus Maj, Double Bass
MVS 1415r. App Mus Maj, Harp
MVS 1416r. App Mus Maj, Guitar
MVW 1411r. App Mus Maj, Voice
MVW 1412r. App Mus Maj, Flute
MVW 1412r. App Mus Maj, Oboe
MVW 1413r. App Mus Maj, Clarinet
MVW 1414r. App Mus Maj, Bassoon
MVW 1415r. App Mus Maj, Saxophone

MVK 1612r. Directed Observation in Piano Pedagogy; Preschool through Precollege (1). Provides students the opportunity to observe private and class piano and music instructor instruction on the preschool and precollege levels.

MVK 2121r. Class Piano (1). Prerequisite: MVK 1111r or instructor permission. Class instruction. For music majors other than keyboard principals and performance majors. Sightreading, harmonizing, transposing, improvising, intermediate keyboard techniques, repertoire, and musicianship. May be repeated to a maximum of two (2) semester hours.

MVK 2125. Keyboard Improvisation (1). Prerequisite: MUT 1112. An improvisation course for keyboard principals/majors and for non-keyboard majors/ principals who have met the class piano performance requirement by a proficiency exam but not the improvisation requirement.

MVS 2126. Intermediate Class Guitar (1). Prerequisite: MVS 1116r or instructor permission. Class instruction in intermediate folk guitar styles and techniques.

MV(B, H, K, O, P, S, V, W) 2220r–2229r. Applied Music Secondary (two [2] hours each). Private instruction. (See course description for MV(B, H, K, O, P, S, V, W) 1210–1219 series.) For students whose curriculum requires study of a secondary instrument. Each course may be repeated to a maximum of four (4) semester hours. Credit may be modified by electing MVO 2220, all instruments. All MVH courses may be taken for one to two (1–2) credit hours.


MV 2520r. String Recital (1). Required of string performance majors. May be repeated to a maximum of two (2) semester hours.

MV 2526r. Guitar Recital (1). Prerequisite: Instructor permission. Corequisite: MVS 2426r. Required of guitar performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 2622. Directed Observation in Piano Pedagogy: College (1). Provides students with the opportunity to observe private and class piano instruction on the college level.


MVK 3111r. Class Piano (1). Prerequisite: MVK 2111 or Instructor permission. Class instruction. For music majors other than keyboard principals and performance majors. Continuation of MVK 2111 with emphasis upon increased skills, including open score reading and accompanying. May be repeated to a maximum of two (2) semester hours.

MVK 3136. Advanced Class Guitar (1). Prerequisite: MVS 2126 or instructor permission. Class instruction in advanced folk guitar styles and techniques.

MV(B, H, K, O, P, S, V, W) 3230r–3239r. Applied Music Secondary (two [2] hours each). Private instruction. (See course description for MV[B, H, K, O, P, S, V, W] 1210–1219 series.) For students whose curriculum requires study of a secondary instrument. Each course may be repeated to a maximum of four (4) semester hours. Credit may be modified by electing MVO 3230, all instruments. All MVH courses may be taken for one (1) or two (2) credit hours.


MV(B, K, O, P, S, V, W) 3520r–3529r. Applied Music Pedagogy (three [3] hours each): piano pedagogy, voice pedagogy, piano accompaniment. Private instruction. Required of all music majors; three (3) hours each: organ, voice, piano pedagogy). Required of junior standing or Instructor permission. Corequisite: MV 3520, all instruments. All MVH courses may be taken for one (1) or two (2) credit hours.

MV(B, K, O, P, S, V, W) 3631r. Intermediate Piano Pedagogy (1). Prerequisite: Junior standing or Instructor permission. May be repeated to a maximum of four (4) semester hours.

MVK 3631. Piano Pedagogy I (3). Prerequisite: Junior standing or Instructor permission.


MVK 3935. Continuo Playing Keyboard (1). Prerequisite: Instructor permission. May be repeated to a maximum of two (2) semester hours.

MV 3700r. 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 four (4) semester hours.

MV 3741r. Advanced Conducting: Orchestra (2). Prerequisite: Instructor permission. Current and expanded pedagogy concepts and materials and techniques for major instrument. The methods and materials of wind instrument and percussion pedagogy.

MVK 4446. Required of organ performance majors. Course may be repeated to a maximum of two (2) semester hours.

MVK 4670r. Practicum in Piano Pedagogy (2). May be repeated up to four (4) semester hours.

MV 4931r. Service Playing (2). Prerequisite: Instructor permission. Open to all upperdivision organ majors and principals.

MV(B, K, P, S, V, W) 4971r. Senior Recital (0). (S/U grade only.) Prerequisite: Completion of MV 3333 required and instructor permission. Required senior recital for performance majors.

Graduate Courses

Composition

MUC 5110r. Composition (2).
MUC 5215r. Composition (3).
MUC 5615r. Film Scoring (3).
MUC 5625r. Jazz Composition (3).
MUC 6261r. Composition (3).

Music Education

MUE 5046. Sociology of Music Education (3).
MUE 5096r. Arts in Medicine Science (1–3).
MUE 5145. Significant Developments in Music Education Curricula (3).
MUE 5185. College Music Administration (3).
MUE 5316. Organizing and Teaching in General Education (3).
MUE 5396. Music in Special Education (3).
MUE 5426. Advanced Techniques in Choral Music (3).
MUE 5427. Advanced Techniques in Instrumental Music (3).
MUE 5486. Jazz Ensemble Techniques (1).
MUE 5498r. Music Education Laboratory: Choral (1).
MUE 5499r. Music Education Laboratory: Instrumental (1).
MUE 5938. Introduction to Graduate Studies in Music Education (3).
MUE 5943. Internship in Music (6). (S/U grade only.)
MUE 5945r. Practicum in Supervising and Directing Education and Research in Music Education (3). (S/U grade only.)
MUE 6385r. College Teaching: Music in Higher Education (3).
MUE 6939r. Doctoral Seminar in Music Education (3).
MUE 6946r. Practicum in Supervising and Directing Education and Research in Music Education (3). (S/U grade only.)
MUE 5657. Nonverbal Communication in Human Interaction (3).
MUE 5724. Music Measurement (3).
MUE 5305. Medical Music Therapy (3).

Conducting

MUG 5205r. Advanced Conducting: Chorus (2).
MUG 5306. Advanced Conducting: Orchestra (2).
MUG 5307. Advanced Conducting I: Band (2).
Jazz Studies
MVJ 5976. Master’s Recital: Recital Preparation (2). (S/U grade only.)
MVJ 5977. Master’s Recital (2). (S/U grade only.)

Music History
MUH 5219. Music History Graduate Survey (2).
MUH 5305. Seminar in Performance Practice I: Musical Performance During the Middle Ages and Renaissance (3).
MUH 5306. Seminar in Performance Practice II: Musical Performance During the Baroque, Classic, and Romantic Eras (3).
MUH 5325. History of Music: Medieval (3).
MUH 5335. History of Music: Renaissance (3).
MUH 5345. History of Music: Baroque (3).
MUH 5355. History of Music: Classical (3).
MUH 5365. History of Music: Nineteenth Century (3).
MUH 5375. History of Music: Twentieth Century (3).
MUH 5410. Notation of Polyphonic Music to 1600 (3).
MUH 5411. Notation of Polyphonic Music II (3).
MUH 5536. African Soundscapes (3).
MUH 5546. Music of Latin America I (3).
MUH 5547. Music of Latin America II (3).
MUH 5548. Music in the Caribbean (3).
MUH 5549. Music in the Caribbean (3).
MUH 5555. Music from the Middle East (3).
MUH 5577. Music of Japan (3).
MUH 5580. Introduction to Ethnomusicology (3).
MUH 5581r. Seminar in Ethnomusicology (3).
MUH 5587. Seminar in World Music Studies (3).
MUH 5590. Seminar in Field and Laboratory Techniques in Ethnomusicology (3).
MUH 5596. World Music Pedagogy (3).
MUH 5635. Music in the United States I (3).
MUH 5636. Music in the United States II (3).
MUH 5655. Seminar in Performance Practice (3).
MUH 5685. Introduction to Historical Musicology (3).
MUH 5686r. Seminar in Historical Musicology (3).
MUH 5807. History of Jazz (1950 to the present) (2).
MUH 5939. Seminar in Organology (3).
MUH 5945. Practicum in Collegium Directing (3).
MUH 6687r. Advanced Seminar in Musicology I (3).
MUH 6688r. Advanced Seminar in Musicology II (3).

Music Literature
MUL 5425. Chamber Music Literature for Strings (3).
MUL 5435. Guitar Literature I (2).
MUL 5436. Guitar Literature II (2).
MUL 5495. Survey of Organ Literature (1).
MUL 5505. Symphonic Literature I (3).
MUL 5506. Symphonic Literature II (3).
MUL 5507r. Orchestra Wind Repertory (2).
MUL 5609. Survey of Sacred Vocal Literature (1).
MUL 5620. Graduate Survey: German Vocal Solo Literature (1).
MUL 5621. Graduate Survey: French Vocal Solo Literature (1).
MUL 5624. Solo Music Literature Voice: German (2).
MUL 5625. Solo Music Literature Voice: French (2).
MUL 5626. Solo Music Literature Voice: Contemporary (2).
MUL 5645. Choral Literature (2).
MUL 5647. Survey of Sacred Choral Literature (1).
MUL 5656. Choral Masterworks: Romantic/Contemporary (3).
MUL 5677. Seminar in Opera Literature: 1600–1800 (2).
MUL 5678. Seminar in Opera Literature: 19th Century (2).
MUL 5652. The Music of W.A. Mozart (3).
MUL 5654. The Music of Igor Stravinsky (3).
MUL 5936r. Special Topics in Music Literature (1–3).

Commercial Music
MUM 5225. Theory of Piano Technology I (2).
MUM 5226. Theory of Piano Technology II (2).
MUM 5256. Piano Technology Practicum I (3).
MUM 5257. Piano Technology Practicum II (3).
MUM 5258. Piano Technology Practicum III (3).
MUM 5259. Piano Technology Practicum IV (3).
MUM 5265. Organ Design and Maintenance (2).
MUM 5805. Introduction to Arts Administration (3).
MUM 5807. Survey of Orchestra Management (3).
MUM 5815. Fundraising Strategies in the Arts (3).
MUM 5816. Audience Development, Marketing and Public Relations in Musical Arts Organizations (3).

Music Ensembles
MUN 5115r. Marching Chiefs (0–1).
MUN 5125r. Concert Band (0–1).
MUN 5135r. Symphonic Band (0–1).
MUN 5145r. Wind Orchestra (0–1).
MUN 5146r. Chamber Winds (0–1).
MUN 5215r. University Symphony (0–1).
MUN 5216r. Chamber Orchestra (0–1).
MUN 5335r. Opera Orchestra (0–1).
MUN 5351r. University Singers (0–1).
MUN 5316r. Choral Union (0–1).
MUN 5325r. Women’s Glee Club (0–1).
MUN 5335r. Men’s Glee Club (Collegians) (0–1).
MUN 5345r. Chamber Chorus (0–1).
MUN 5355r. Opera Chorus (0–1).
MUN 5395r. University Chorale (0–1).
MUN 5425r. Woodwind Ensemble (0–1).
MUN 5435r. Brass Ensemble (0–1).
MUN 5445r. Percussion Ensemble (0–1).
MUN 5455. University Singers (0–1).
MUN 5475r. Duol Piano (1).
MUN 5465r. Chamber Music (0–1).
MUN 5477r. Collegium Musicum (0–1).
MUN 5478r. Baroque Ensemble (0–1).
MUN 5485r. Guitar Ensemble (0–1).
MUN 5515r. Piano Vocal/Instrumental Accompanying (0–1).
MUN 5715r. Jazz Ensemble (0–1).
MUN 5725r. Jazz-Pop Ensemble (0–1).
MUN 5806r. World Music Ensemble (0–1).

Opera/Music Theatre
MUG 5007r. Musical Theatre Workshop (2).
MUG 5445r. Opera Coaching (1–2).
MUG 5455r. Performance of Operatic Role (1–2).
MUG 5505r. Opera (0–4).
MUG 5605r. Opera Production (1).
MUG 5701r. Opera Directing (2).
MUG 5801. Opera Project (3).
MUG 5846r. Opera Coaching (1–2).

Church Music
MUR 5206. Hymnody (2).
MUR 5415. The Organ and Its Music from the Middle Ages to the End of the 17th Century (2).
MUR 5416. The Organ and Its Music from the Time of J. S. Bach to the Present Day (2).

Music
MUL 5426. String Quartet Literature from Haydn to Bartok and Beyond (3).
362 Florida State University

MUS 5226. French Language and Diction for Singers (3).
MUS 5236. German Language and Diction for Singers (3).
MUS 5246. Italian Language and Diction for Singers (3).
MUS 5225. Survey of the Music Industry (3).
MUS 5346r. Laboratory for Music Instrument Digital Interface (2).
MUS 5365. Graduate Survey of Music Technology (1).
MUS 5536. Multimedia for Musicians (3).
MUS 5538r. Computers in Music Design Seminar (3).
MUS 5545. Electronics for Musicians (3).
MUS 5546. Digital Music Synthesis I (3).
MUS 5547. Digital Music Synthesis II (3).
MUS 5616. Psychology of Music (3).
MUS 5619. Behavior Modification in Music (3).
MUS 5711. Music Bibliography (2).
MUS 5722. Descriptive Research in Music (3).
MUS 5723. Experimental Research in Music (3).
MUS 5806r. Dynamic Integration (0–1).
MUS 5906r. Directed Individual Study (1–3). (S/U grade only.)
MUS 5910r. Supervised Research (1–3). (S/U grade only.)
MUS 5921r. Symposium in Music (1–6).
MUS 5929r. Workshop in Music (1–6).
MUS 5930r. Seminar in Contemporary Instructional Techniques in Music (3).
MUS 5931r. Arts Administration Seminar (1).
MUS 5937r. Graduate Tutorial in Music (1–3). (S/U grade only.)
MUS 5939r. Special Topics in Music (1–3).
MUS 5940r. Supervised Teaching (1–3). (S/U grade only.)
MUS 5941r. Internship in Music Performance (1–12). (S/U grade only.)
MUS 5975. Graduate Project (2). (S/U grade only.)
MUS 6907r. Directed Individual Study (1–3). (S/U grade only.)
MWW 5651. Flute Pedagogy (0–1).

Music Theory

MUT 5051. Graduate Theory Survey (3).
MUT 5151. Introduction to Graduate Study in Music Theory: Survey (3).
MUT 5357. Jazz Theory/Arranging I (3).
MUT 5358. Jazz Theory/Arranging II (3).
MUT 5381. Composing and Arranging for Wind Band (3).
MUT 5445. Contrapuntal Genres (3).
MUT 5573. Music Since World War II (3).
MUT 5587. Classic, Romantic, and 20th-Century Styles (3).
MUT 5618. Analysis of Masterworks 1700–1950 (3).
MUT 5625. Instrumental Forms (3).
MUT 5627. Introduction to Schenkerian Analysis (3).
MUT 5628. Atonal Analysis (3).
MUT 5629. Schenkerian Theory and Analysis II (3).
MUT 5646r. Jazz Improvisation I (1).
MUT 5647r. Jazz Improvisation II (1).
MUT 5655. Writing Skills: 16th-Century Counterpoint (3).
MUT 5656. Writing Skills: Fugue (3).
MUT 5751r. Pedagogy of Music Theory (3).
MUT 5752. Pedagogy of Music Theory (3).
MUT 5760. History of Music Theory (3).
MUT 6937r. Doctoral Seminar in Music Theory (3).
MUT 6938r. Doctoral Seminar in Music Theory (3).

Music Therapy

MUY 5411. Music in Counseling (2).
MUY 5705. Assessment Instruments in Music Therapy/Music Education (2).
MUY 5935. Seminar in Music Therapy (2).
MUY 5946. Graduate Clinical Project (6).

Applied Music

MVO 5050r. Applied Music Graduate Coaching (1–2).
MVO 5055r. Applied Music Graduate Coaching (2–4).
MVK 5151r. Class Piano (1).
MVK 5151r. Class Voice (1).
MVS 5156. Beginning Class Guitar (1).
MVB 5251r. App Mus Sec, Trumpet
MVB 5252r. App Mus Sec, French Horn
MVB 5253r. App Mus Sec, Trombone
MVB 5254r. App Mus Sec, Baritone Horn
MVB 5255r. App Mus Sec, Tuba
MVH 5250r. App Mus Sec, Historical Instruments (1–2).
MVH 5251r. App Mus Sec, Cupped Mouthpieces (1–2).
MVH 5252r. App Mus Sec, Open Reeds (1–2).
MVH 5253r. App Mus Sec, Capped Reeds (1–2).
MVH 5254r. App Mus Sec, Recorder (1–2).
MVH 5255r. App Mus Sec, Flute (1–2).
MVH 5256r. App Mus Sec, Plucked Instruments (1–2).
MVH 5257r. App Mus Sec, Bowed Strings (1–2).
MVH 5258r. App Mus Sec, Voice (1–2).
MVH 5259r. App Mus Sec, Dulcimer, Portative Organ, Regal, Percussion (1–2).
MVK 5251r. App Mus Sec, Piano
MVK 5252r. App Mus Sec, Harpsichord
MVK 5253r. App Mus Sec, Organ
MVQ 5250r. Modified Credit, All Instruments (1).
MVP 5251r. App Mus Sec, Percussion
MVS 5251r. App Mus Sec, Violin
MVS 5252r. App Mus Sec, Viola
MVS 5253r. App Mus Sec, Violoncello
MVS 5254r. App Mus Sec, Double Bass
MVS 5255r. App Mus Sec, Harp
MVS 5256r. App Mus Sec, Guitar
MVV 5251r. App Mus Sec, Voice
MVV 5252r. App Mus Sec, Flute
MVV 5252r. App Mus Sec, Oboe
MVV 5253r. App Mus Sec, Clarinet
MVV 5254r. App Mus Sec, Bassoon
MVV 5255r. App Mus Sec, Saxophone
MVB 5351r. App Mus Prin, Trumpet
MVB 5352r. App Mus Prin, French Horn
MVB 5353r. App Mus Prin, Trombone
MVB 5354r. App Mus Prin, Baritone Horn
MVB 5355r. App Mus Prin, Tuba
MVJ 5350r. App Mus Prin, Piano, Jazz
MVJ 5351r. App Mus Prin, Voice, Jazz
MVJ 5353r. App Mus Prin, Guitar, Jazz
MVJ 5354r. App Mus Prin, Bass, Jazz
MVJ 5356r. App Mus Prin, Saxophone, Jazz
MVJ 5357r. App Mus Prin, Trumpet, Jazz
MVJ 5358r. App Mus Prin, Trombone, Jazz
MVJ 5359r. App Mus Prin, Percussion, Jazz
MVK 5351r. App Mus Prin, Piano
MVK 5352r. App Mus Prin, Harpsichord
MVK 5353r. App Mus Prin, Organ
MVO 5350r. Modified Credit, All Instruments (1).
MVP 5351r. App Mus Prin, Percussion
MVS 5351r. App Mus Prin, Violin
MVS 5352r. App Mus Prin, Viola
MVS 5353r. App Mus Prin, Violoncello
MVS 5354r. App Mus Prin, Double Bass
MVS 5355r. App Mus Prin, Harp
MVS 5356r. App Mus Prin, Guitar
MVS 5351r. App Mus Prin, Voice
MWW 5351r. App Mus Prin, Flute
MWW 5352r. App Mus Prin, Oboe
MWW 5353r. App Mus Prin, Clarinet
MWW 5354r. App Mus Prin, Bassoon
MWW 5355r. App Mus Prin, Saxophone
MVB 5451r. App Mus Maj, Trumpet
MVB 5452r. App Mus Maj, French Horn
MVB 5453r. App Mus Maj, Trombone
MVB 5454r. App Mus Maj, Baritone Horn
MVB 5455r. App Mus Maj, Tuba
MVJ 5456r. App Mus Maj, Saxophone, Jazz
MVJ 5457r. App Mus Maj, Trumpet, Jazz
MVJ 5459r. App Mus Maj, Percussion, Jazz
MVK 5451r. App Mus Maj, Piano
MVK 5453r. App Mus Maj, Organ
MVO 5450r. Modified Credit, All Instruments (2).
MVP 5451r. App Mus Maj, Percussion
MVS 5451r. App Mus Maj, Violin
MVS 5452r. App Mus Maj, Viola
MVS 5453r. App Mus Maj, Violoncello
MVS 5454r. App Mus Maj, Double Bass
MVS 5455r. App Mus Maj, Harp
MVS 5456r. App Mus Maj, Guitar
MVW 5451r. App Mus Maj, Voice
MVW 5452r. App Mus Maj, Oboe
MVW 5453r. App Mus Maj, Clarinet
MVW 5454r. App Mus Maj, Bassoon
MVW 5455r. App Mus Maj, Saxophone
MVS 5505r. Orchestral Repertoire for Violin (1). (S/U grade only.)
MVS 5550r. String Repertory (0–1).
MVS 5552r. Musical Theatre Repertoire (1).
MVS 5555r. Guitar Repertory (1).
MVK 5605r. Organ/Harpischord Pedagogy (2).
MVO 5650r. Pedagogy for Winds and Percussion (3).
MVK 5651r. Piano Pedagogy I (3).
MVV 5651r. Seminar in Vocal Pedagogy (2).
MVK 5652r. Piano Pedagogy II (3).
MVK 5661r. Advanced Piano Pedagogy I (3).
MVK 5662r. Advanced Piano Pedagogy II (3).
MVK 5671r. Practicum in Piano Pedagogy (2).
MVW 5705r. Introduction to the Baroque Flute (1).
MVW 5706r. Introduction to the Baroque Recorder (1).
MVK 5710r. Piano Accompanying Vocal (1).
MVK 5711r. Piano Accompanying Instrumental (1).
MVK 5730r. Applied Music Major, Vocal Accompanying (4).
MVK 5731r. Applied Music Major, Instrumental Accompanying (4).
MVK 5732r. Applied Music Opera Coaching (4).
MVK 5745r. Techniques of Vocal Coaching (2).
MVK 5746r. Techniques of Coaching Chamber Music (2).
MVK 5747r. Techniques of Opera Coaching (2).
MVK 5935r. Continuo Playing Keyboard (1).
MVK 5936r. Service Playing (2).
MV(B, K, O, S, V, W) 5955r. Certificate Recital (0). (S/U grade only.)
MVV 5976r. Master’s Voice Recital Coaching (2).
MVV 5977r. Master’s Recital (Voice) (0). (S/U grade only.)
MVK 5973r. Master’s Recital, Vocal Accompanying (1). (S/U grade only.)
MVK 5974r. Master’s Recital, Instrumental Accompanying (1). (S/U grade only.)
MVK 5975r. Master’s Recital: Piano Pedagogy (0). (S/U grade only.)
MVO 6066r. Applied Music Graduate Coaching (1–2).
MVO 6065r. Applied Music Graduate Coaching (2–4).
MVO 6260r. Modified credit, All Instruments (1).
MVO 6360r. Modified credit, All Instruments (1).
MVB 6461r. App Mus Maj, Trumpet
MVB 6462r. App Mus Maj, French Horn
MVB 6463r. App Mus Maj, Trombone
MVB 6464r. App Mus Maj, Euphonium
MVB 6465r. App Mus Maj, Tuba
MVK 6461r. App Mus Maj, Piano
MVK 6463r. App Mus Maj, Organ
MVO 6460r. Modified Credit, All Instruments (2).
MVP 6461r. App Mus Maj, Percussion
MVS 6461r. App Mus Maj, Violin
MVS 6462r. App Mus Maj, Viola
MVS 6463r. App Mus Maj, Violoncello
MVS 6464r. App Mus Maj, Bassoon
MVS 6465r. App Mus Maj, Saxophone
MVS 6560r. String Repertory (0–1).
MVS 6566r. Guitar Repertory (1).
MV(B, K, P, S, V, W) 6662r. Vocal Pedagogy Seminar II (3).
MVK 6733r. Applied Music Major Accompanying (4).
MVV 6978r. Doctoral Voice Recital and Repertoire Coaching (2).
MV(B, K, P, S, V, W) 6985–6989r. Doctoral Recital (one to four [1–4] hours each). (S/U grade only.)
For listings relating to graduate course work for thesis, treatise, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.

NEUROSCIENCE:
see Graduate Bulletin
NURSING

COLLEGE OF NURSING

Professors: Frank, Grubbs, Karioth, Mason, Plowfield, Ross, Speake;
Associate Professors: Cottrell, Hauber, Ryan, Valentine; Assistant Professors: Cormier, Park, Porterfield, Wall, Whyte, Zeni; Associates in Nursing:
Barbour, Shepherd, Taylor, Tucker; Assistants in Nursing: Abendroth, Bamber, Cuchens, Graven, Studenic-Lewis, Smith

The College of Nursing offers a Bachelor of Science in Nursing (BSN.) for traditional and registered nurse students. The undergraduate program is approved by the Florida Board of Nursing and accredited by the Commission on Collegiate Nursing Education (CCNE). At the completion of the program, the student will have met all major requirements for the BSN. The traditional graduate of the 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.

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 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/.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in nursing satisfy this requirement by earning a grade of “C” or higher in NUR 3167.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 course or human anatomy course
2. BSC X086C or any human anatomy and physiology II course or human physiology course
3. CHM XXXX: four to six (4–6) credit hours of chemistry which must be comprehensive college general chemistry (such as CHM X030 or CHM X032) but not lower level principles courses (such as CHM X025)
4. DEP X004 or any human growth and development across the life span course
5. HUN X201 or any human nutrition course or NUR X192
6. MCB X010C or any microbiology course with lab
7. PSY X012 or any general psychology course
8. STA X014 or any statistics course
9. SYG X000 or any introduction to sociology course

Definition of Prefixes

NUR—Nursing: Graduate
NUR—Nursing: Generic Undergraduate

Undergraduate Courses

Theory/Laboratory Courses Required

NUR 3026. Nursing Competencies for Professional Practice (3). Prerequisite: Admission to the nursing program. Corequisite: NUR 3026L. This course provides the basis for professional nursing practice. Included are concepts of basic human physical needs; technical, computer, and therapeutic communication skills; documentation (based on medical terminology), group process; nursing process; and APA.

NUR 3026L. Nursing Competencies for Professional Practice Lab (2). Prerequisite: Admission to the nursing program. Corequisite: NUR 3026. This course supports concepts presented in NUR 3026 Nursing Competencies for Professional Practice. The application of competencies and skills occurs in laboratory and various clinical settings.

NUR 3066. Nursing Assessment of the Well Family: A Lifespan Approach (2). Prerequisite: Admission to the nursing program. Corequisite: NUR 3066L. This course introduces the beginning nursing student to the parameters, procedure, and skills required to perform and document a holistic assessment of clients in all age groups. Included are communicative and interview techniques in compiling a health history, technical skills in performing a physical exam, and critical thinking skills in doing a health risk appraisal and formulating a nursing diagnosis and plan. The process of assessment varies across the developmental stage, family structure, economic condition, and health behaviors are considered when evaluating health status.

NUR 3066L. Nursing Assessment of the Well Family: A Lifespan Approach Lab (1). Prerequisite: Admission to the nursing program. Corequisite: NUR 3066. The focus of this course is on the application of knowledge and skills utilized in assessing a client’s health status. The laboratory and various clinical sites are utilized in assessing diverse client populations across the life span. Critical thinking, along with interactive and technical skills, are used in gathering data for a health history, performing a physical exam, identifying health problems, and documenting findings, and formulating a nursing diagnosis. A holistic approach is utilized in assessing the health of primarily healthy clients and in developing a health database.

NUR 3146. Pharmacology for Professional Nursing (2). Prerequisite: Admission to the nursing program. Using the science of pharmacology and pharmacological principles underpins professional nursing practice. This introductory course will assist students in conceptualizing both the basic research process and the importance of research to nursing, and will enable students to understand and use published healthcare research.

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. It is an introduction to nursing care regarding pharmacological theory, major classifications, and common characteristics of drugs.

NUR 3226. Nursing the Adult Family (3). Prerequisites: Semester I courses. RN to BSN Program Prerequisite: Admission to the nursing program. This introductory course will assist students in conceptualizing both the basic research process and the importance of research to nursing, and will enable students to understand and use published healthcare research.

NUR 3226L. Nursing the Adult Family Lab (2). Prerequisites: Semester I courses. Corequisite: NUR 3226L. This is the first of three courses focusing on the adult. Emphasis is on general body responses and alterations in disease, pathophysiology, and holistic nursing care for hospitalized clients. The continuum of care in acute and community care settings. Critical thinking and problem solving skills are utilized to plan interventions and evaluate outcomes appropriate to health care needs for adults and their families based on the state of the disease course and their special needs. Concepts and alterations in physiologic stress and adaptation, fluid and electrolyte balance, acid-base balance, immune/inflammation response, and cellular proliferation serve as a foundation for all levels of care. Principles of rehabilitation are presented for application in all clinical courses. Diabetes, complications of surgery, and alterations in digestive and orthopedic care are currently presented.

NUR 3226L. Nursing the Adult Family Lab (2). Prerequisites: Semester I courses. Corequisite: NUR 3226. Focus of this laboratory course is the application of technological competencies, concepts and principles, and the nursing process while providing interventions to adults and their families in the acute care and appropriate community care settings. Effectiveness of the interventions and expected outcomes are evaluated.

NUR 3226. Nursing the Aging Family (2). Prerequisite: Nursing major status. Utilizing a holistic perspective, this course explores the older adult family, the aging process, client responses, adaptive behaviors, and nursing needs. The focus is on promoting client independence and maximizing quality of life through the continuum of care available through the aging process.

NUR 3355. Mental Health Nursing (3). Prerequisites: Semester I courses. Corequisite: NUR 3355L. This course focuses on individuals and small groups experiencing acute and chronic behavioral problems. Critical thinking is used to apply psychiatric nursing theories to the care of clients and families in various healthcare settings. Content includes the effect of mind/body disturbances on biopsychosocial functioning mental, status, relationships, and families. Nursing care of individuals and families with maladaptive behavioral, cognitive, affective, and physical assessments as well as somatic, behavioral, and environmental interventions are also explored.

NUR 3355L. Mental Health Nursing Laboratory (3). Prerequisites: Semester I courses. Corequisites: NUR 3355. This laboratory applies psychiatric and nursing theories to individuals and small groups experiencing acute and chronic behavioral problems in various healthcare settings.

NUR 3615. Introduction to Family and Community Nursing (2). Prerequisite: Admission to the nursing program. This course focuses on core systems of individual, family, and community nursing that provide the framework of the BSN program. Concepts discussed include: Pender’s health belief model; cultural, social, and epidemiological factors related to health and illness; concepts of acuity/chronicity and crisis; systems theory; rehabilitation concepts; family and group theory, communication, and dynamics.
Prerequisite: Admission to RN to BSN Program. This course is designed for the returning registered nurse student. Current and emerging concepts 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. The roles of the baccalaureate nurse are examined in relation to individual, family, and community outcomes with emphasis on client advocacy, health promotion, autonomy, accountability, change agent, research, critical thinking, and leadership. The legal and ethical framework for professional nursing and cultural diversity also are explored. Selected nursing practice models and health belief models are considered for applicability to nursing practice.

3925. Values, Roles and Issues in Professional Nursing (2). Prerequisite: Admission to the nursing program. This course focuses on roles, values, ethics, values, and the image of the nursing profession; introduction to nursing research, nursing theory, nursing model of practice, teaching/learning, and the health care system; diversity, caring, and synchrony across the lifespan; and emphasis on nursing values such as altruism, autonomy, dignity, integrity, and social justice.

3949r. Cooperative Education Work Experience (0). (SU grade only.)

4069C. Advanced Health Assessment (3). Pre- or Co-requisites: NUR 3167, NUR 3286, and NUR 3805. Designed to develop students’ knowledge of skills for advanced health assessment, including health history and physical examination.

4080. Nursing Concepts I (4). Prerequisite: NUR 4069C. Corequisite: NUR 4080L. This course is designed for the returning registered nurse student. It emphasizes concepts related to health promotion, chronic illness, family, principles of group dynamics, domestic violence, addiction, grief and loss, and psychosocial needs. The planning for utilization of these concepts when caring for individuals, families, and communities also is highlighted.

4080L. Nursing Practicum I (1). (SU grade only.) Prerequisite: NUR 4069C. Corequisite: NUR 4080L. This laboratory provides the returning nurse student with the opportunity to apply professional nursing strategies while assisting clients and families in maintaining and/or regaining an optimal level of wellness. Emphasis is given to the professional nursing roles of care provider/coordinator, teacher, collaborator, and problem solver in clients/family health care across the life span.

4107. The Natural and Health Care System (2). Generic BSN Program Prerequisites: Semester I and II courses. RN to BSN Program Prerequisites: NUR 4107L. This course is an introduction to current healthcare delivery systems on local, national, and global levels. Concepts of managed health care, case management, reimbursement, legislation, role management, quality assurance, ethical issues, diversity and complexity of population at risk, and conservation of resources are emphasized.

4227. Nursing the Adult Family II (3). Prerequisites: Semester I and II courses. Corequisite: NUR 4255L. This is the second of three courses focusing on the adult. Emphasis is on alterations in disease, both acute and chronic; pathophysiology; and nursing management of the continuum of care for patients and their families in acute care and appropriate community care settings. Critical thinking and problem solving skills are utilized to plan interventions and evaluate outcomes appropriate to health care needs for adults and their families based on the stage of the disease course and their special needs. Alterations in cardiac, vascular, hematologic, respiratory, sensory/neuromuscular, and endocrine (other than diabetes) systems are presented.

4227L. Nursing the Adult Family II Laboratory (2). Prerequisites: Semester I and II courses. Corequisite: NUR 4255. The focus of this laboratory course is the application of technological competencies, concepts, principles, and the nursing process while providing interventions to adults and their families in the acute care and appropriate care settings. Effectiveness of the interventions and expected outcomes are evaluated.

4465. Nursing Care of the Childbearing/Childrearing Family (4). Prerequisites: Semester I and II courses. Corequisite: NUR 4465L. This course focuses on individuals and their families during the childbirth and childrearing phases of family development. Physiologic, psychologic, sociocultural, and pathophysiologic processes associated with bearing and childrearing are presented. The nurse’s role in health promotion is emphasized. Illness and complications are examined. Issues related to preserving, promoting, and restoring healthy status of family members are emphasized.

4465L. Nursing Care of the Childbearing/Childrearing Family Laboratory (3). Prerequisites: Semester I and II courses. Corequisite: NUR 4465. This laboratory course expands the application of the nursing process and nursing roles to the specialized care required by childbearing and childrearing families in a variety of settings.

4619. Community Nursing: A Synthesis of Care (1). Prerequisites: Semester I, II, and III courses. Corequisite: NUR 4619L. This course requires the synthesis of competencies, caring, and commitment established in previous and current courses. This synthesis consolidates the two core concepts of care practice established by the American Association of Colleges of Nurses: “care of the sick in and across all environments and health promotion.” Application of concepts such as acuity/chronicity, utilization of resources, and quality of outcomes for individuals, families, and communities is reflected. Concepts are applied to case management and case studies are employed.

4619L. Community Nursing: A Synthesis of Care Laboratory (1). Prerequisites: Semester I, II, and III courses. Corequisite: NUR 4619. Home visits to multi-generation families utilizing concepts of care management, case presentations, and community assessment are employed in this laboratory course.

4637. Public Health Nursing (2). Generic BSN Program Prerequisites: Semester I, II, III, and IV courses. RN to BSN Program Prerequisites: NUR 4385 and NUR 435L. Corequisite: NUR 4637L. This course utilizes the findings from the community assessment performed in NUR 4619. Implementation of an appropriate project is performed. Clinical experiences are conducted with the guidance of a preceptor and may occur in a variety of settings.

4671. Nursing the Adult Family III (3). Prerequisites: Semester I, II, and III courses. Corequisite: NUR 4767L. This is the last of three courses focusing on the adult. Emphasis is on complex multi-system problems, pathophysiology, and holistic nursing management of the continuum of care for patients and their families in acute care and appropriate community care settings. Critical thinking and problem-solving skills are utilized to plan interventions and to evaluate outcomes appropriate to health care needs for adults and their families based on the stage of the disease course and their special needs. The complexity of nursing management related to burns, brain, and spinal cord injuries; DIC; multi-system trauma; multi-system failure; and organ transplantation is presented. Also discussed are those terms pertaining to relevant assessment procedures.

4767. Nursing the Adult Family III Laboratory (2). Prerequisites: Semester I, II, and III courses. Corequisite: NUR 4767. The focus of this laboratory course is the application of technological competencies, concepts, and principles, and the nursing process while providing interventions to adults and their families in the acute care and appropriate community care settings. Effectiveness of the interventions and expected outcomes are evaluated.

4835. Professional Nursing Leadership and Management (2). General BSN Program Prerequisites: Semester I, II, III, and IV courses. RN to BSN Program Prerequisites: NUR 4835 and NUR 4835L. Corequisite: NUR 4835L. This course focuses on concepts, principles, and theories of leadership, management, role development, and administration. Skills required by the professional nurse leader, including delegation of responsibilities, networking, facilitation of groups, conflict resolution, case management, collaboration, and management of teams are introduced. The student learns to perform effectively in end-of-life, hospice, and critical care are presented for application in practice.

4835L. Professional Nursing Leadership and Management Laboratory (2). General BSN Program Prerequisites: Semester I, II, III, and IV courses. RN to BSN Program Prerequisites: NUR 4835 and NUR 4835L. Corequisite: NUR 4835L. This course focuses on concepts, principles, and theories of leadership, management, role development, and administration. Skills required by the professional nurse leader, including delegation of responsibilities, networking, facilitation of groups, conflict resolution, case management, collaboration, and management of teams are introduced. The student learns to perform effectively in end-of-life, hospice, and critical care are presented for application in practice.

4835L. Professional Nursing Leadership and Management Laboratory (2). General BSN Program Prerequisites: Semester I, II, III, and IV courses. RN to BSN Program Prerequisites: NUR 4835 and NUR 4835L. Corequisite: NUR 4835L. This course focuses on concepts, principles, and theories of leadership, management, role development, and administration. Skills required by the professional nurse leader, including delegation of responsibilities, networking, facilitation of groups, conflict resolution, case management, collaboration, and management of teams are introduced. The student learns to perform effectively in end-of-life, hospice, and critical care are presented for application in practice.

4835L. Professional Nursing Leadership and Management Laboratory (2). General BSN Program Prerequisites: Semester I, II, III, and IV courses. RN to BSN Program Prerequisites: NUR 4835 and NUR 4835L. Corequisite: NUR 4835L. This course focuses on concepts, principles, and theories of leadership, management, role development, and administration. Skills required by the professional nurse leader, including delegation of responsibilities, networking, facilitation of groups, conflict resolution, case management, collaboration, and management of teams are introduced. The student learns to perform effectively in end-of-life, hospice, and critical care are presented for application in practice.

4945. Professional Nursing Internship (4). (SU grade only.) Prerequisites: Semester I, II, III, and IV courses. This course occurs following the completion of all required nursing courses. This capstone clinical experience requires the student to demonstrate competencies consistent with program outcomes. Synthesis of core values, knowledge, and skills is achieved. The student identifies her/his knowledge and skills needs and consults with the faculty and preceptor in choosing the care setting and plans and organizes the learning experience to facilitate a successful transition into the profession.

Electives

3076. Communication in Health Care (3). Prerequisite: ENC 1101. This course examines various communication patterns and their relevance to individual and group relationships. Course emphasizes the development of interactive skills to promote effective communication with individuals and groups involved in 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.

3077. Medical Terminology (3). This course is designed to help students understand and use medical terms. Its purpose is to equip students for success in the health care field and the health care industry with a medical vocabulary. Suffixes and prefixes are reviewed. The body is approached systematically to discuss its anatomy and physiology and its basic pathology. Also discussed are those terms pertinent to relevant assessment procedures.

3195. The Individual, Death, and the Family (2). Prerequisite: REL 3191 or instructor permission. Explores concepts of the death and dying process as related to the role of the nurse in caring for dying clients and families may be provided.

3396. Child Life in Health Care Settings (3). Prerequisites: FAD 3280 and NUR 3090. This course is designed primarily for students interested in care of children with a focus on the child with health interferences in development due to varying degrees of illness. The role of the individual pediatric nurse, the role of multidisciplinary organizational, and institutional concerns and the role of the child life specialist on the health care team. This course is appropriate for students in child life, social work, special education, and any field where child development is a concern.

3495. Women's Health Issues: Concerns Through the Life Cycle (3). Prerequisite: BSC 1005 or BSC 2011 or instructor permission. 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.
NUR 3655. Multicultural Factors and Health (3). A comparative analytical approach to the study of communication, current problems, issues, health care beliefs, values, and practices of different systems and cultural norms as they affect health care practices that conflict with ethnic or cultural communication related to standards and value systems.

NUR 3895. Health and Health Alterations in the Family and Community (3). A survey course designed to help the student look at the health care professional as an agent for health promotion. The health promotion agent looks at health and health alterations in the individual, family, and community. Students will explore the concepts of health promotion, health alterations, and disease prevention, including the influence of health care agents, political and economic factors on health promotion, disease prevention, and future trends.

NUR 3935. Holistic and Complementary Approaches to Health and Healing (3). This course is designed to explore knowledge of practices that promote health and well-being. Emphasis is on stress management and body-mind-spirit communication. A variety of holistic and complementary approaches to health and healing are explored.

NUR 4642. 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 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 (6) 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 (9) semester hours.

NUR 4935. Legislative Influences on Health Care and Nursing Practice (3). Current health care issues and their impact on consumers and providers are analyzed.

NUR 4975r. Honors Thesis (1–6). May be repeated for a maximum of nine (9) semester hours.

Graduate Courses

NGR 5003C. Health Assessment for Advanced Practice (4).

NGR 5051C. Advanced Wound Management (2).

NGR 5064C. Advanced Skills for the Advanced Practice Nurse (2).

NGR 5102. Theoretical Constructs for Nursing Science (3).

NGRS140. 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 5331C. Advanced Management for the Pediatric Nurse Practitioner I (6).

NGR 5332C. Advanced Management for the Pediatric Nurse Practitioner II (7).

NGR 5337L. Pediatric Nurse Practitioner Practicum (5).

NGR 5338. Pharmacology for Pediatric Nurse Practitioners (3).

NGR 5341. Women’s Health Seminar (1).

NGR 5503. Advanced Practice Psychiatric Nursing Seminar (1).

NGR 5601C. Advanced Management of the Family I (6).

NGR 5602C. Advanced Management of the Family II (7).

NGR 5637C. Clinical Nurse Specialist Care Management II (6).

NGR 5702C. Fundamentals of Teaching for Master’s Students (1).

NGR 5713C. Curriculum Theory and Design for Nursing Education (3).

NGR 5714C. Instruction in Nursing Education: Design and Strategies (4).

NGR 5718C. Evaluation in Nursing Education (4).

NGR 5726. Fiscal Responsibility and Outcomes Management (3).

NGR 5737. Health Policy, Legal and Ethical Considerations for Advanced Practice (2).

NGR 5740. Role Development for Advanced Practice (2).

NGR 5758L. Nurse Practitioner Practicum (2–5).

NGR 5766. Nursing Leadership Within Complex Healthcare Environments (3).

NGR 5780C. Clinical Nurse Specialist Care Management I (5).

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 5880. Contemporary Clinical Ethics in Health Care (3).

NGR 5887. Legal and Ethical Complexities in Healthcare (3).

NGR 5905r. Directed Independent Study (1–3).

NGR 5910r. Supervised Research (1–3).

NGR 5911r. Research Project (3–6). (S/U grade only).

NGR 5930r. Special Topics in Nursing (1–3).

NGR 5941Lr. Supervised Teaching (1–5).

NGR 5945L. CNS/Case Care Manager Practicum (2–5).

NGR 5946L. Clinical Nurse Specialist Case Management Practicum (7).

NGR 6185. Genetics and Emerging Conditions (3).

NGR 6641. Assessment and Collaboration with Communities and Systems (2).

NGR 6673. Epidemiological Methods (3).

NGR 6685. 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 6892. Theoretical Basis of Organizational Behavior and Change (3).

NGR 6893. Healthcare, Finances, Economics, and Entrepreneurship (3).

NGR 6894. Environmental Influences for Aggregate and Global Health Planning (3).

NGR 6895. Healthcare Policy, Politics, and Power (3).


NGR 6897L. Healthcare Systems Leadership Practicum III (3). (S/U grade only.)

NGR 6901C. DNP Project I (4).

NGR 6912C. DNP Project II (4).

NGR 6942Lr. DNP Residency I (1-5). (S/U grade only.)

NGR 6943Lr. DNP Residency II (1-5). (S/U grade only.)

NGR 6947L. Teaching of Nursing Practicum (5).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of NUTRITION, FOOD, AND EXERCISE SCIENCES

COLLEGE OF HUMAN SCIENCES

Chair: Arjmandi; Professors: Haymes, Hsieh, Ilich-Ernst, Moffatt, Sathe; Associate Professors: Abood, Dorsey, Pantom, Rankins; Assistant Professors: Figueroa, Kim, Spicer; Associate Nutrition: Hemphill; Associate in Athletic Training: Scenk, Gardner; Assistant in Athletic Training: Stowell, Towers; Research Associate in Food Service/Management: Truesdell; Professors Emeriti: Erdman, Harris, Kassouny, Toole; Affiliate Faculty: Boche, Bradley, Gibson, Latimer, Lunt, Oravetz, Pappas, Pfeil; Courtesy Professor: Chatt-Ellis, Duggy; Advisory Board Members: Duggy, Derman, Hamilton, Hennig, Koo, Weaver

The Department of Nutrition, Food and Exercise Sciences offers three Bachelor of Science degrees: Food and Nutrition, Exercise Science, and Athletic Training. There is also a minor in Dietetics and Food and Nutrition Science. Students majoring in exercise science earn a degree in exercise science, and students majoring in athletic training earn a degree in athletic training.

The purpose of the dietetics major is to provide the foundation knowledge and skills required for the didactic component of entry-level dietetics education. This didactic program in dietetics (DPD) is accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association (ADA). The ADA requires a minimum of 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995; (312) 899-0040 (ext. 5400). Graduates of the DPD program that earn a DPD verification statement are eligible to apply to graduate school and/or post-baccalaureate, accredited dietetic internships. The dietetic internship, which provides the competencies for the supervised practice component of dietetics education, is in turn required for eligibility to take the national Registration Examination for Dietitians. Careers are available for dietitians in clinical, research, community, food service, management, and educational settings and consulting. To earn a DPD verification statement, students must complete a degree in dietetics with an FSU grade point average of 3.0 or better and a grade of B or better in the following courses: DIE 4244, DIE 4310, FSS 4315, HUN 3403 and HUN 4296. Students who do not earn an FSU grade point average of 3.0 or higher or do not earn grades of “B” or better in the previous courses will not receive a DPD verification statement and will not be eligible to apply for a CADE approved internship.

The food and nutrition science major has a strong science base that prepares students for job opportunities in the food industry, government agencies, and careers in the medical field as well as graduate study in the field. The exercise science major prepares students for graduate study in exercise physiology, physical therapy, and other health fields, including medical school, as well as positions as personal trainers and health fitness instructors with both hospital-based wellness programs and corporate fitness programs.

The athletic training degree program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE) and prepares students to take the Board of Certification examination. A major in athletic training is offered to students interested in working with injury prevention, recognition, immediate care, rehabilitation, health, and professional development in a sports medicine environment. Athletic training students have opportunities to gain clinical experience in a variety of sports settings, both on and off campus. Access to the athletic training program is limited by restricting the number of students admitted annually to match the available resources. The admission requirements and procedures for the athletic training program at Florida State University include common entry indicators. The common indicators included in each student’s portfolio will be ranked as follows:

1. FSU cumulative grade point average of 2.5 or better based on at least twelve hours of FSU course work (weighted rank of GPA at 50%)
2. SAT/ACT scores (weighted rank of SAT/ACT at 25%)
3. Interview score (weighted rank of interview score at 25%)

In order to be eligible for the interview, the student must complete an application portfolio that includes: completion of Technical Standards for Admission, personal statement, physical examination and vaccination documentation, psychological testing scores, clinical observation log sheets, a resume, two letters of recommendation, official copies of all post-secondary transcripts, SAT scores, and current enrollment in or completion of PET 1638.

Composite applicant scores, based on the above indicators, are calculated and ranked. The number of athletic training applicants admitted is determined by available vacancies created by graduation. The top-ranking students are then admitted to fill the vacancies. The Athletic Training Education Program includes a strict didactic and clinical course progression. New student admission is completed by May 31 of each year. New athletic training students enroll in the first block of courses the following fall semester. Community college students are required to complete the same application process as resident students. Those who are formally admitted will be required to complete a minimum of six semesters to complete all clinical rotations. Please see the Athletic Training Education Program Web site for retention policies.

Requirements for Majors

For students not subject to mapping, as a prerequisite for entry into each undergraduate major, students must achieve a grade of “B-” or higher in HUN 1201 and a grade of “C-” or better in any course work required for the individual major.

In order to graduate with a degree in food and nutrition, exercise sciences, or athletic training, students must have a minimum GPA of 2.5 and a grade of “C-” or better in all required courses, with the exception of PET 3322, in which a grade of “C+” or higher is required and HUN 1201 in which a grade of “B-” or higher is required. 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; if BSC 2010L is taken at FSU. Undergraduate majors in dietetics satisfy this requirement by earning a grade of “C-” or higher in CGS 2060 or CGS 2064.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 X101/X101L or BSC X101C
2. CHM X045/X045L or CHM X045C
   **Note:** Any organic chemistry course is an acceptable substitute.
3. PHY X053/X053L or PHY X053C
4. PSY X102
5. HUN X201
   **Note:** PET X361, PET X104, or HUN X002 are acceptable substitutes.
6. STA X203 or STA X122
7. BSC X093
   **Note:** PET X320, ZOO X733, PET X301C, ZOO X731, BSC X805, or APK X100 are acceptable substitutes.
8. BSC X094
   **Note:** PET X302C, PCB X702, PCB X703, PCB X704, BSC X806, or APK X105 are acceptable substitutes.

**Dietetics**

1. BSC X101/X101L or BSC X101C
2. BSC X085/X086 or BSC X085C/X086C or BSC X093C/X094C or PET 3201C or HSC 3549 or PCB 3702
3. CGS X060 or CGS X061
4. CHM X200C or CHM X210/X210L and CHM X211/X211L
5. CHM X045/X045L and CHM X046/X046L or CHM X030C or CHM X025C
   **Note:** CHM X030C or CHM X025C are acceptable substitutes for CHM X045/X045L and CHM X046/X046L; these four (4) hour courses will substitute for eight (8) hours.
6. ECO X013 or ECO X023 or ECO X000

**Exercise Science**

1. BSC X101/X101L or BSC X101C
2. BSC X085/X086 or BSC X085C/X086C or BSC X093C/X094C or PET 3201C or HSC 3549 or PCB 3702
3. CGS X060 or CGS X061
4. CHM X200C or CHM X210/X210L and CHM X211/X211L
5. CHM X045/X045L and CHM X046/X046L or CHM X030C or CHM X025C
   **Note:** CHM X030C or CHM X025C are acceptable substitutes for CHM X045/X045L and CHM X046/X046L; these four (4) hour courses will substitute for eight (8) hours.
6. ECO X013 or ECO X023 or ECO X000
Exercise Science

1. ENC XXXX: six (6) credit hours of English composition
2. MAC X140
3. MAC X114 or MAC X311 or XXX XXXX: three (3) credit hours of an equivalent course
4. CHM X045/X045L
5. CHM X046/X046L
6. HUN X201
7. PSY X012 or PSY X013
8. BSC X010/X010L
9. BSC X011/X011L
10. PET X320C or PET X330C
11. PET X350C or PET X330C

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, biological psychology, family relationships, mathematics, and statistics.
2. Graduation Requirements. See the “Undergraduate Degree Requirements” chapter of this General Bulletin. For multicultural, HUN 2125 is recommended if the requirement is not satisfied with liberal studies. For computer skills, all majors require a similar course or certification (select BSC 2010L, if taken at FSU). For oral communication, HEE 4054 is certified.
3. College of Human Sciences Core. The college core is to be met by taking 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 2023.

Bachelor of Science

The Department of Nutrition, Food and Exercise Sciences offers three Bachelor of Science degrees: food and nutrition, exercise science, and athletic training. To complete requirements for these degrees the following are required: (1) liberal studies requirements; (2) general graduation requirements for the University; (3) the preceding college core requirements; and (4) specific requirements for the major chosen. Additional courses may be required to complete the one hundred twenty semester hours required for the degrees. A minimum grade of “C–” or better must be earned for all required courses, except for HUN 1201, which requires a grade of “B–” or higher, and PET3322, which requires a grade of C+ or higher. A course may not be retaken 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 of food and nutrition (dietetics, and food and nutrition sciences), athletic training, and exercise science. Students must meet the curriculum requirements in effect at the time they enter the major.

Dietetics. See liberal studies requirements, college and department core, and common prerequisites, CHM 1032C, 2200 and lab; BCH 3023C; DIE 3005, 4244, 4244L, 4310; FAD 2230, 4601; FOS 3026, 3026L, 4114C, 4209; FSS 4135, 4135L; HEE 4054, HUN 3224, 3226, 3403; 4296, PET 3322, 3322L, 3361 and electives (to meet graduation requirements). Dietetics majors may take specific electives for an emphasis in food promotion.

Food and Nutrition Science. Lower division: see liberal studies, college core, plus: BSC 2010, 2010L; CHM 1045, 1045L, 1046, 1046L, 2210, 2211, 2211L; ECO 2013 or equivalent; FAD 2230; FOS 2125; HUN 1201; MAC 1114, 1140, 2311; MCB 2004, 2004L; PHY 2053C; PSY 2012; STA 2122 or 2023. Upper division: BCH 3023C; CHM 3120C; FOS 3026, 3026L, 4114C, 4209; HUN 3224, 3226, PET 3322, 3322L or PCB 3063 or 3134; and electives to meet graduation requirements. At least ten semester hours must be at the 3000-4000 level.

Exercise Science. Lower division: see liberal studies and college core, plus: BSC2010, 2010L, 2011, 2011L; CHM 1045, 1045L, 1046, 1046L, 2200, and 2200L or 2210, 2211 and 2211L; HUN 1201; MAC 1114, 1140, 2054C; PSY 2012; STA 2122. Upper division: BCH 3023C; FAD 2230; HUN 3224, 3226; PET 3102, 3322, 3322L, 3323C, 3380C, 4551C; and three courses for a minimum of nine (9) credit hours from the following list: APK 3113, HSC 4711; PET 3310, 3321, 3361, 4076, or 3932 (Special Topics: Exercise and Disease) and electives (to meet graduation requirements). Exercise science majors who plan on pursuing advanced degrees in physical therapy or medicine may need to take specified electives to meet admission requirements for these programs.


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.

Honors in the Major

The Department of Nutrition, Food and Exercise Sciences offers a program in honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. Students complete a senior thesis, which usually involves six 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
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: PET 1941. This course covers topics involving the development of speed, strength, power, and endurance, and explores specific methods of strength and conditioning.

APK 3300. First Responder (3). 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.

APK 4304. Athletic Training Professional Development (3). (S/U grade only.) Prerequisite: PET 4944. 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 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.

APK 4347. Athletic Training Clinical V (1). (S/U grade only.) Prerequisite: PET 4944. This course covers the cognitive, affective, and motor skills required to perform athletic-training techniques in practice, tranquilized settings. Techniques reflect those presented in previous the orthopedic assessment/ lower and the therapeutic exercise/rehabilitation lecture/lab courses.

DIE 3005. Introduction to Dietetics (1). (S/U grade only.) An introduction to dietetics, the professional opportunities for registered dietitians, the importance of public policy, and the role of the American Dietetic Association in dietetics education and practice.

FOS 3395. Food and the Consumer (3). Prerequisites: CHM 1045 and HUN 2011 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.
Advanced Undergraduate Courses

PET 3943 Athletic Training Clinical III (1). (S/U grade only.) Prerequisites: PET 2942, PET 4625, and PET 4632. 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, namely PET 2942, Athletic Training Clinical II; PET 4625, Issues in Sports Medicine; PET 4632C, Therapeutic Modalities.

PET 4944 Athletic Training Clinical IV (1). (S/U grade only.) Prerequisites: APK 3113, PET 3361, PET 3635C, and PET 3943. This course offers a study of the cognitive, affective, and motor skills required to perform athletic-training techniques in practice settings. Techniques presented in the lecture and laboratory courses taken the previous semester, namely PET 3361, Nutrition and Sports; PET 3635C, Orthopedic Assessment—Upper Extremity; PET 3943, Athletic Training Clinical I; and APK 3113, Methodology of Strength and Conditioning.

PET 4946 Athletic Training Capstone Clinical I. (S/U grade only.) Prerequisites: APK 4547 and PET 4944. 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 present proof of current membership in the National Athletic Trainers’ Association (NATA).

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 to earning the student CPR recommendations, blood borne pathogen precautions, and injuries will be discussed.

HUN 1201. The Science of Nutrition (3). Elements of nutrition and factors influencing the ability of individuals to maintain good nutrition status.

HUN 2125. Food and Society (3). Impact of society on human food ways; role of food and nutrition in national development and global politics. For nonmajors.


HUN 4296. Nutrition and Health Issues (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 information, healthy eating behaviors, and 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 1638. 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 athletic training facilities and the job responsibilities of all members of a sports medicine team. This course encompasses the framework for the formal application process for the Athletic Training Education Program.

PET 1941. Athletic Training Clinical I (1). (S/U grade only.) Prerequisite: PET 1638. 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, namely Introduction to Athletic Training.

PET 2084. Personal Fitness and Wellness (3). Integrates aspects of nutrition, diet, fitness, and health/wellness for personal well being. This course cannot be used as a department elective.

PET 2942. Athletic Training Clinical II (1). (S/U grade only.) Prerequisites: HSC 2400, PET 1941, PET 3310, and PET 3621. 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, namely HSC 2400, First Aid; PET 3310, Kinesiology; and PET 3621, Athletic Training Clinical I.

PET 3102. Introduction to Exercise Sciences (1). (S/U grade only.) An introduction to fields of study and careers in areas of exercise physiology, motor behavior, athletic training, health and fitness, 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 nonmajors.

PET 3304. First Responder Practicum (1). (S/U grade only.) Prerequisite: APK 3300. This course is designed to emphasize patient assessment and care procedures at the first-responder level. The skills learned in the didactic First Responder course are refined with actual patient encounters by assisting crew members of the First Responder Unit.

PET 3310. Kinesiology (3). Prerequisite: PET 3322. This course introduces basic physical concepts and principles that apply to human movement. Emphasis is placed upon structural anatomy, neuromuscular physiology, and biomedical principles as they apply to sport skills, injury assessments, fitness activities, and rehabilitative exercises.

PET 3322. Functional Anatomy and Physiology I (3). Prerequisites: HUN 1201 and CHM 1045. Corequisite: PET 3322L. The first part of a two-semester sequence, this course covers the functional anatomy and physiology of the skeletal, muscular, cardiovascular, respiratory, digestive, urinary, and endocrine systems, as well as part of the nervous system.

PET 3322L. Functional Anatomy and Physiology Laboratory I (3). Prerequisites: HUN 1201 and CHM 1045. Corequisite: PET 3322. The first part of a two-semester sequence, this lab covers the functional anatomy and physiology of the skeletal, muscular, cardiovascular, respiratory, digestive, urinary, and endocrine systems, as well as part of the nervous system.

PET 3323C. Functional Anatomy and Physiology II (4). Prerequisite: PET 3322. Continuation of a two-semester sequence of functional anatomy and physiology that includes the integumentary, nervous, lymphatic, immune, and reproductive systems.
Florida State University

PET 3621. Athletic Training I (3). Prerequisite: HSC 2400. Corequisite: PET 3322. Basic topics and issues pertaining to athletic training as established by the National Athletic Trainers’ Association. Treatment and rehabilitation of athletic injuries will be introduced.

PET 3627C. Therapeutic Exercise/Rehabilitation (3). Prerequisites: PET 2942, PET 4623, and PET 4632C. Corequisite: PET 3633C. Athletic training students examine various exercise and rehabilitation techniques 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 ambulation aids; core stabilization; aqua therapy; joint rehabilitation protocols; and spine rehabilitation protocols.

PET 3633C. Orthopedic Assessment—Upper Extremity (3). Prerequisites: PET 2942, PET 4623, and PET 4632C. Corequisite: PET 3634C. Athletic training students examine the following topics included in this course: clinical orthopedic anatomy; evaluation; and assessment and special test protocols for the shoulder, elbow, forearm, wrist, hand, finger, eye, face, nose, throat, mouth, teeth, cervical spine, head, and neck.

PET 3634C. Orthopedic Assessment—Lower Extremity (3). Prerequisites: PET 2942, PET 3633, PET 4623, and PET 4632C. Athletic training students examine the following topics included in this course: clinical orthopedic anatomy; evaluation; and assessment and special test protocols for the foot, toes, ankle, knee, pelvis, thigh, thoraic and lumbar spine, and gait analysis.

PET 3660. Administration of Athletic Training Programs (3). Prerequisite: PET 3621. This course will explore the aspects of athletic training organization and administration. Topics include program management, human resource management, athletic insurance, risk management, ethical considerations, pre-participation physical exams, and facility design.

PET 3932r. Special Topics in Wellness and Exercise Science (1–6). Topics in wellness, health promotion, exercise physiology, biomechanics, and motor behavior. Consult instructor. May be repeated as content changes to a maximum of six (6) semester hours.

PET 3940r. Sports Medicine/Athletic Training Practicum (0–6). This course is designed for athletic training students to investigate and research athletic training special topics through individual study and seminars. Enrollment is allowed by permission of the athletic training curriculum coordinator. Six (6) semester hours required.

PET 3943. Athletic Training Clinical III (1). Prerequisite: PET 2942. This course is an introduction to evaluation and rehabilitation of athletic training skills related to the following: proprioceptive neuromuscular facilitation; body measurement and composition; range of motion evaluation; equipment fitting; general medical conditions; eating disorders; components of subjective, objective, assessment, and plan (SOAP) protocols; emergency action plan (EAP) protocols; risk management; joint mobilizations; and therapeutic rehabilitation.

PET 4076. Physical Dimensions of Aging (4). This 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 4312C. Biomechanics (4). Prerequisite: PET 3322. The course is structured into two major instructional units: foundations of human movement and mechanical analysis of human motion. These units function to stimulate interest in quantitative biomechanics that integrates basic anatomy, physics, calculus, and neurophysiology for the study of human movement. This knowledge will assist students in developing an understanding of the biomechanical principles to incorporate in applied settings such as physical therapy, sports medicine, and health and fitness programs.

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 design, implement, and administer programs for developing physical fitness and lifestyle changes.

PET 4623. Athletic Training II (3). Prerequisite: PET 3621. Advanced topics pertaining to athletic training.

PET 4625. Issues in Sports Medicine (3). Prerequisite: PET 3621. Course addresses advanced issues relevant to athletic training and sports medicine. Current topics include athletic training administration, athletic training pharmacology, advanced assessment techniques, orthopedic surgical observation, and general medical conditions.

PET 4632C. Therapeutic Modalities (3). Prerequisite: PET 3621. This course trains students in common modalities employed by sports medicine. Where applicable, modalities of treatment will examine biophysical principles, effects of treatment, application techniques, and indications and contraindications to treatment. Safety is emphasized during instruction and practical experience.

PET 4914r. Tutorial in Exercise Physiology (1). (S/U grade only.) Small group discussion or project work. Topics selected in contemporary issues or current research. Maximum enrollment of ten students per tutorial. Repeatable to a maximum of four (4) semester hours when the topic changes.

PET 4947. General Medical Issues Clinical (1). Corequisite: PET 4625. Athletic training students in this course observe practitioners in the allied and affiliate site settings, including medical doctors, nurse practitioners, pharmacists, chiropractors, off-campus certified athletic trainers, and others in the sports medicine setting.

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 (6) semester hours with permission of the instructor.

Graduate Courses

DIE 5248. Advanced Medical Nutrition Therapy (3).
DIE 5355. 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 6351C. Physical and Chemical Techniques in Food and Nutrition (3).
FOS 6930r. Seminar in Food and Nutrition Science (1).
HSC 5603. Models of Health Behavior (3).
HUN 5242. Carbohydrates, Fats, and Proteins (3).
HUN 5243. Vitamins and Minerals (3).
HUN 5802. Research Design and Methodology (2).
HUN 5802L. Research Design and Methodology Laboratory (3).
HUN 5910r. Supervised Research (1–3). (S/U grade only.)
HUN 5930r. Food and Nutrition Seminar (1–4).
HUN 5938r. Special Topics in Nutrition (3).
HUN 6248r. Advances in Nutrition and Food Science (3–12).
HUN 6906r. Directed Individual Study (1–6). (S/U grade only.)
HUN 6911r. Supervised Research (3–5). (S/U grade only.)
HUN 6930r. Food and Nutrition Seminar (1).
HUN 6940r. Supervised Teaching (1–3). (S/U grade only.)
HUN 8945r. Supervised Field Experience (1–9). (S/U grade only.)
PET 5052. Motor Memory (3).
PET 5077. Physical Dimensions of Aging (4).
PET 5355C. Advanced Exercise Physiology (3).
PET 5367. Nutrition and Exercise Performance (3).
PET 5553. Cardiorespiratory and Anthropometric Evaluation and Development of Exercise Programs (3).
PET 6365. Exercise and the Cardiorespiratory System (4).
PET 6368. Metabolic Responses to Exercise (3).
PET 6386. Environmental Aspects of Exercise (3).
PET 6930r. Seminar in Movement Sciences (1).
PET 8945r. Exercise Physiology Internship (1–9). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of Oceanography

College of Arts and Sciences

Chair: William K. Dewar; Professors: Burnett, Chanton, Chassigner, Clarke, Dewar, Froelich, Huettel, Kostka, Landing, Marcus, Nof, Speer, Thistle; Associate Professor: St. Laurent; Assistant Professors: Arbe, Baco-Taylor, Wetz; Professors Emeriti: Hsueh, Iverson, Krishnamurti, Stern, Sturges, Weatherly, Winchester

The Department of Oceanography offers no undergraduate major; however, undergraduate programs in the Departments of Chemistry and Biochemistry and Physics provide interdisciplinary options in oceanography. Undergraduates interested in pursuing a graduate degree in oceanography at Florida State University may use the information below for proper preparation in each of the four areas of specialization in oceanography.

Specialty Undergraduate Preparation. Biological: one year of organic chemistry, Bachelor of Science or Bachelor of Arts in biology. Chemical: BS or BA in chemistry or differential equations. Geological: BS or BA in geology. Physical: BS or BA in physics, chemistry, geology, geophysics, meteorology, or mathematics, or a BS in engineering; intermediate or advanced mechanics, differential equations, advanced calculus, including vector calculus, or partial differential equations.

Graduate Study

The Department of Oceanography offers courses leading to the certificate in oceanography, the non-thesis master’s in 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.

Definition of Prefixes

ESC—Earth Science
ISC—Interdisciplinary Sciences
MAP—Mathematics Applied
OGB—Biological Oceanography
OCC—Chemical Oceanography
OCE—General Oceanography
OCG—Geological Oceanography
OCP—Physical Oceanography
PEN—Physical Education Activities (General): Water, Snow, Ice

Undergraduate Courses

Elementary

ESC 2200C. Earth Science for EC/EE Teachers (4).
OGB 2302. Biology of Marine Animals (3). Prerequisite: BSC 1005. This course explores marine mammals such as cetaceans, pinnipeds, sirenians, and sea otters from the point of view of their biology and ecology. More specifically, the course offers an overview of the evolution, taxonomy, anatomy, and physiology of marine mammals, as well as an in-depth examination of their acoustics, ecology, and behavior. Course lecture is accompanied by discussions of the current specific literature.
OCE 1001. Elementary Oceanography (3). Prerequisite: MGF 1106 or MGF 1107. Structure and motion of the ocean and its environs, properties, populations, and energy budget. Not intended for upper-division science or mathematics majors. Upper-division science or mathematics majors are encouraged instead to take OCE 4008.

Science Preparatory

OCE 4008. Principles of Oceanography (3). Prerequisite: A science major or minor status and junior or senior standing. Dynamic motions and life processes in the marine environment. Long-term geologic history of the oceans and recent changes caused by man.

Advanced

OGB 4637. Marine Benthic Ecology (3). Prerequisite and Corequisite: ZOO 4203C or instructor permission. The physical setting and ecological organization of the communities found in the rocky intertidal, in the fouling habitat, on sandy beaches, in subtidal soft bottoms, and in the deep sea are presented through lectures, substantial reading, and class discussions.

OCC 4602. Basic Chemical Oceanography (3). Prerequisite: CHM 1046. Chemical composition of seawater, carbon dioxide system, nutrients, trace elements, and biogeochemistry.

OCE 4017. Current Issues in Environmental Science (3). Taught at an introductory level, this class includes discussions of current ground-breaking research, environmental problems, and approaches to solving them. This course consists of presentations by experts on their current research topics or environmental issues.

OOG 4050. Geological Oceanography (3). Structural and oceanographic setting of continents and ocean basins, plate tectonics, ocean margins, marine sediments, and ocean history.

OCP 4005. Introduction to Physical Oceanography (3). Prerequisite: MAC 2313. This course examines waves, currents, tides, El Niño, and climate change prediction.

Specialized Instruction

OCE 4905r. Directed Individual Study (1–3). (S/U grade only.) May be repeated to a maximum of ten (10) semester hours.

OCE 4906r. Directed Individual Study (1–3). Prerequisite: Instructor permission. May be repeated, subject to limitations that may apply from the individual student’s major departments, to a maximum of eighteen (18) semester hours.

OCE 4900r. Studies in Oceanography (1–4). Prerequisite: Instructor permission. Topics vary. May be repeated to a maximum of nine (9) semester hours when content changes.

PEN 1136. Theory and Practice of Compressed-Gas Diving (1). An introduction to the field of compressed-gas diving that exposes the students to the use of underwater technology and techniques in support of science.

Graduate Courses

Note: Some graduate courses the department offers are open to advanced undergraduates with consent of the instructor. For more information, refer to the “Department of Oceanography” entry in the Graduate Bulletin.

Core Curriculum

OGB 5050. Basic Biological Oceanography (3).
OCC 5050. Basic Chemical Oceanography (3).
OCG 5051. Basic Geological Oceanography (3).
OCP 5050. Basic Physical Oceanography (3).

Biological Oceanography

OGB 5015. Marine Nekton: Larval Fish to Whales (3).
OGB 5565. Marine Primary Production (3).
OGB 5600. Biological Fluid Dynamics (3). (S/U grade only.)
OGB 5636. Marine Microbial Ecology (3).
OGB 5639. Marine Benthic Ecology (3).

Chemical and Geological Oceanography

OCC 5052. Aquatic Chemistry (3).
OCC 5062. Marine Isotopic Chemistry (3).
OCC 5415. Marine Geochemistry (3).
OCC 5417. Geochemical Ocean Tracers (3).
OCC 5554. Atmospheric Chemistry (3).
OCC 5457. Stable Isotopes as Tracers in Aquatic Ecosystems (3).
OCG 5664. Paleoclimatology (3).

Physical Oceanography

MAP 5431. Introduction to Fluid Dynamics (3).
MAP 6434r. Advanced Topics in Hydrodynamics (2).
OCP 5056. Introduction to Physical Oceanography (3).
OCP 5160. Ocean Waves (3).
OCP 5256. Fluid Dynamics: Geophysical Applications (3).
OCP 5263. Equatorial Dynamics (3).
OCP 5265. Main Ocean Thermocline (3).
OCP 5271. Turbulence (3).
OCP 5285. Dynamic Oceanography (3).
OCP 5551. Physics of the Air-Sea Boundary Layer (3).

Specialized Instruction and Seminar

OGB 5930r. Special Topics in Biological Oceanography (1–3).
OGB 5933r. Biological Oceanography Seminar (1). (S/U grade only.)
OCC 5499C. Advanced Biogeochemistry: Field Methods and Concepts (3).
OCC 5930r. Special Topics in Chemical Oceanography (1–3).
OCC 5933r. Chemical Oceanography Seminar (1). (S/U grade only.)
OCE 50009L. Coastal Oceanography and Marine Field Methods (4).
OCE 5900r. Directed Individual Study (1–12). (S/U grade only.)
Florida State University

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).
OGG 5106. The Earth System (3).

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

ORGANISMAL BIOLOGY:
see Biological Science
Department of PHILOSOPHY

COLLEGE OF ARTS AND SCIENCES

Chair: J. Piers Rawling; Professors: Bishop, Clarke, Dancy, Fleming, Leiber, McKenna, McNaughton, Mele, Rawling, Ruse; Associate Professors: Dalton, Gert, Morales; Assistant Professors: Costa, Justas, Roberts

The undergraduate program in philosophy is designed to enable students to gain an understanding of the substantive issues philosophers have struggled with through the ages. Students majoring in philosophy can expect to develop their abilities to engage in critical examination and evaluation. Such skills have proven to be of great value in almost any type of human endeavor. The program serves as a basis for professional training in other fields, such as law, education, politics, journalism, or theology, or as foundation for future professional training in philosophy. The department offers degree programs at all levels, including an accelerated combined Bachelor’s/Master’s degree program.

The department participates in the honors program, as well as the undergraduate programs in the following departments or programs: women’s studies, humanities, Latin American and Caribbean studies, political science, international affairs, and religion. In addition, it offers more than ten courses in the University’s Liberal Studies Program (see listing under Liberal Studies Program, Area IV in “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, faculty in this program recommend that students take several lower level courses with the PHH, 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.

Thirty semester hours in philosophy are required for the major, including the following:

1. Logic (3 semester hours). One of:
   - PHI 2100 Reasoning and Critical Thinking (3)
   - PHI 3130 Introduction to Symbolic Logic (3)

2. History of Philosophy (6 semester hours)
   - Ancient Philosophy—one of:
     - PHH 3130 Plato and His Predecessors (3)
     - 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 3400 Modern Philosophy (3)
   - PHH 3500 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:
   - PHH 2121 Philosophy of Race, Class and Gender (3)
   - PHH 2300 Introduction to Political Philosophy (3)
   - PHH 3123 Philosophy of Feminism (3)
   - PHM 3311r Modern Political Thought (3)
   - PHP 3510 Introduction to Marxist Philosophy (3)
   - PHM 3400 Philosophy of Law (3)
   - PHH 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

PHP—Philosophers and Schools

Undergraduate Courses

PHI 2010. Introduction to Philosophy (3). An introduction to some of the central problems in philosophy. Students will also learn how to construct and criticize arguments and develop their own philosophical positions. May be repeated to a maximum of nine (9) semester hours.

PHI 2100. Reasoning and Critical Thinking (3). An introductory logic course intended to provide students with an understanding of and practice in using reasoning to support conclusions and decisions. The course emphasizes acquisition of the skills necessary to draft clear, persuasive arguments and is particularly useful for those planning further studies in fields such as law or business.

PHI 2620. Environmental Ethics (3). An examination of environmental issues past and present, and how they have made an impact upon contemporary society. Also analyzes the historical development of environmental perspectives and the ethical theories that have been generated by these approaches.

PHI 2630. Ethical Issues and Life Choices (3). A course that will draw on ethical theories to explore the major ethical issues that one faces as one makes decisions about the kinds of activities to engage in and the kind of life to lead. Issues such as those involving life and death (e.g., abortion, euthanasia, animal rights) and social justice (e.g., discrimination, responsibility to future generations) will be examined.

PHI 2635. Biomedical Ethics (3). A study of the controversial ethical issues that arise within the practice of medicine and within biomedical research. Case studies and thought experiments will be used to explore the moral and professional responsibilities of those working in the medical profession.

PHI 3130. Introduction to Symbolic Logic (3). An examination of the fundamentals of modern symbolic logic (propositional and predicate calculi), with special attention to the evaluation of symbolized arguments using the techniques of natural deduction. Topics include validity, soundness, proof, symbolization, truth-tables, truth-trees, and truth-functional and quantificational inference.

PHI 3220. Introduction to Philosophy of Language (3). An exploration of major philosophical contributions to the understanding of language and its functions in communication. Discussion of the concepts of meaning, truth, reference, understanding, and interpretation. Readings include classics of 20th century philosophy.

PHI 3300. Knowledge and Belief (3). A critical analysis of contemporary theories about the fundamentals of human knowledge: what it ought to count as knowledge; how we get it; the roles of certainty, doubt, and skepticism; and the means by which we might maximize it.

PHI 3320. Philosophy of Mind (3). Analysis of central issues in the philosophy of mind. Topics may include: the mind-body problem, the unity of the mind, the nature of consciousness, artificial intelligence, and free will.

PHI 3400. History and Philosophy of Science (3). A close look at some of the crucial philosophical problems of the sciences as they have developed throughout history, from Aristotle through Galileo, Pasteur, and Einstein, including what methods count as scientific, along with a consideration of how science has changed the world and the role of values.

PHI 3641. Business Ethics (3). An identification and a discussion of defensible solutions for moral and ethical problems as they arise within the conduct of business and economic transactions. International business settings and the ethical problems arising from the need to design products and services that appeal to diverse national and world populations are considered.

PHI 3670. Ethical Theory (3). A study of the nature of morality and moral reasoning through critical analyses of the writings of classical and contemporary ethical theorists directed to answering the questions, “What is good?” and “What ought I to do?”

PHI 3700. Philosophy of Religion (3). Analysis of major issues in philosophy of religion. Topics may include: the rationality of religious belief, faith, religious experience, religious language, evil, and the relations between religion and morality. Also offered by the Department of Religion.

PHI 3800. Philosophy of the Arts (3). An introduction to central issues in philosophy of the arts and aesthetics. Topics may include the nature of beauty, the nature of art, realism in painting, interpretation in literature, the nature of dance, and expressiveness in music. Readings include both historical and contemporary sources.

PHI 3881. Philosophy of Music (3). An introduction to the contemporary literature regarding the philosophy of music. Questions posed include: What is music? Does music express emotion? How is music to be evaluated? How does one “understand” music? Why can cross-cultural understanding of music be difficult? What constitutes an authentic performance?

PHI 3882. Philosophy in Literature (3). An exploration of how metaphorical and moral ideas function within the structure of selected novels and plays.

PHI 3930r. Selected Topics (1–3). (S/U grade only.) May be repeated to a maximum of three (3) semester hours.

PHI 4134. Modern Logic I (3). Prerequisite: PHI 3130 or equivalent or instructor permission. An introduction to standard modern symbolic logic, with special attention to the semantic evaluation of symbolized arguments. Topics include schemata and interpretation, models, satisfiability, normal forms, expression completeness, proof procedures, metalogical laws, and soundness and completeness theorems.

PHI 4137. Modern Logic II (3). Prerequisite: PHI 4134. An advanced course in modern symbolic logic. Topics discussed include the compactness theorem, the logic of identity, natural deduction, second-order logic, type theory, the arithmetical, the Frege-Russell definition of natural number, and Gödel’s incompleteness results.

PHI 4500. Metaphysics (3). Critical consideration of recent philosophical work from a variety of points of view on the question of what exists; for example: matter, mind, time, space, universal properties, causes, and essences.

PHI 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

PHI 4912r. Honors Work (3). May be repeated to a maximum of twelve (12) semester hours.

PHI 4930r. Philosophical Problems (3). An examination of selected philosophical problems from an advanced point of view. May be repeated to a maximum of nine (9) semester hours.

PHI 4938r. Seminar for Majors (3). Variable-content seminar for majors to do in-depth work in selected philosophical topics/areas and to practice writing a substantive philosophical paper. May be repeated once with instructor permission to a maximum of six (6) semester hours.

PHI 4999r. Tutorial in Philosophy (1–3). Critical readings and discussions of important classical and contemporary philosophical texts. Variable content. Variable credit: one to two (1–2) semester hours for a reading course; two to three (2–3) semester hours for a reading course with substantial writing. Repeatable with instructor permission to a maximum of twelve (12) semester hours.

History of Philosophy

PHH 3061. Medieval and Renaissance Philosophy (3). A survey of Western philosophy from the third to the 16th century, beginning with the work of Christian, Jewish, and Arabic philosophers, and then turning to the rise of humanism, individualism, and science.

PHI 3130. Plato and His Predecessors (3). Ancient Greek philosophy from its beginnings to the work of one of its greatest practitioners. Questions posed include: What is there? What can I know about it? What should I do?

PHI 3140. Aristotle to Augustine (3). Philosophy of the “Master of Those Who Knew” (Aristotle) through to the end of the ancient world and the dominance of Christianity. Topics include: the structure of the world order, God, man’s place.

PHI 3400. Modern Philosophy (3). A critical study of the theories of 17th- and 18th-century Western philosophers through a careful examination of representative texts from both the empiricist and rationalist traditions.

PHI 3500. 19th-Century Philosophy (3). An exploration of the diverse styles, ideas, and systems of such philosophers as Hegel, Kierkegaard, Schopenhauer, Marx, Mill, Nietzsche, and Nietzsche.

PHI 3700r. American Philosophy (3). An examination of major trends in American philosophy from Jonathan Edwards through 19th- and 20th-century American idealism and the pragmatic movement with emphasis on Peirce, James, and Dewey. May be repeated once with the permission of the instructor to a maximum of six (6) semester hours.

PHI 4600r. Contemporary Philosophy (3). The main recent philosophical movements are surveyed through selected central representatives. Those considered may include Frege and his background, Russell and Moore, early Wittgenstein, logical positivists and their successors, Husserl and his phenomenology, Heidegger, Sartre, later Wittgenstein and his successors. May be repeated with instructor permission to a maximum of nine (9) semester hours.

Social and Political Philosophy

PHM 2121. Philosophy of Race, Class and Gender (3). Concentration on contemporary philosophical discussions of race, class, and gender. Topics include the analysis of key institutions (e.g., work, the economy, family, education) and social issues (e.g., identity, sexuality, violence, social change).

PHM 2300. Introduction to Political Philosophy (3). An introduction to the main issues in political philosophy: the justification of political authority, role of law, political obligation, neocolonialism, disobedience, revolution, rights, the appropriate ends of government, patterns of distribution and justice.

PHM 3123. Philosophy of Feminism (3). A comprehensive survey of the most important schools of thought and issues in feminist philosophy, with emphasis on feminist politics and feminism. Also covered are Marxist and post-Marxist feminisms and their differing views about equality and subjection are discussed. Criticisms of modern traditions from women of color and of “difference” theorists are analyzed. Also considered are problems of particular concern to feminists: the family, sexuality, occupational freedom, harassment, rape, pornography, and domestic violence.

PHM 3331r. Modern Political Thought (3). Major political ideas of the modern world emphasized through a study of selected political theorists such as Machiavelli, Hobbes, Locke, Rousseau, Hume, Burke, Hegel, Marx, Engels, Bentham, Mill, Jefferson, Madison, Lenin, and Mussolini. May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

PHM 3400. Philosophy of Law (3). A comprehensive survey of the most important schools of thought, traditional problems, and current issues in Anglo-American philosophy of law. Chief theories discussed are natural law, positivism, realism (including the law and economics movement), and critical legal studies (including race and gender readings). Also covered are different views about the interpretation of law and the role of the judiciary in American politics. Includes analysis of legal cases and consideration of issues such as justice, equality, liberty, privacy, and punishment.
PHM 4340r. Contemporary Political Thought (3). An exploration of a set of issues, a trend, or a school of thought in contemporary political philosophy. May be repeated to a maximum of nine (9) semester hours. Also offered by the Department of Political Science.

Philosophers and Schools

PHP 3510. Introduction to Marxist Philosophy (3). A critical overview of the premises and theses of Marxism concerning the understanding of history, economic realities, political struggles, and ideologies as found in the principle works of its founders.

PHP 3786r. Existentialism (3). An introduction to existential philosophy through detailed and critical analysis of selected major works in the field with special attention to Heidegger and/or Sartre. May be repeated to a maximum of nine (9) semester hours.

PHP 4930r. Studies in Major Philosophers (3). A detailed study of a major philosopher (e.g., Plato, Aristotle, Kant, etc.) or school of philosophy (e.g., the Stoics, the Marxists). May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

PHH 5105r. Greek Philosophy (3).
PHH 5405r. Modern Philosophy (3).
PHH 5505r. 19th-Century Philosophy (3).
PHH 5609r. Contemporary Philosophy (3).
PHH 6009r. Studies in the History of Philosophy (3).
PHI 5135. Modern Logic I (3).
PHI 5136r. Modern Logic II (3).
PHI 5555. Core Course in Metaphysics and Epistemology (3).
PHI 5666. Core Course in Ethics (3).
PHI 5908r. Directed Individual Study (1–3). (S/U grade only.)
PHI 5913r. Supervised Research (1–5). (S/U grade only.)
PHI 5934r. Topics in Philosophy (3).
PHI 5945r. Supervised Teaching (1–5). (S/U grade only.)

PHI 5956. Introduction to Philosophical Methods (3).
PHI 5971r. Thesis (1–6). (S/U grade only.)
PHI 5998r. Tutorial in Philosophy (1–3).
PHI 6205r. Philosophical Logic (3).
PHI 6225r. Philosophy of Language (3).
PHI 6306r. Epistemology (3).
PHI 6325r. Philosophy of Mind (3).
PHI 6406r. Philosophy of Science (3).
PHI 6425r. Philosophy of Social Sciences (3).
PHI 6455. Philosophy of Biology: Basic Topics (3).
PHI 6457. Philosophy of Biology: Selected Topics (3).
PHI 6506r. Metaphysics (3).
PHI 6607r. Ethics (3).
PHI 6835r. Seminar in Philosophical Topics (3).
PHM 6205r. Social and Political Philosophy (3).

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

PHILOSOPHY: 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, Interdisciplinary Physics with Biology/Pre-Medicine, Interdisciplinary Physics with Biophysics, Interdisciplinary Physics with Computer Science, Interdisciplinary Physics with Geology, Interdisciplinary Physics with Oceanography, and Interdisciplinary Physics 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 and interdisciplinary physics satisfy this requirement by earning a grade of "C−" or higher in PHZ 4151C or CGS3406.

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/navigation/detail_ext/cpp_intro.do?pageId=060304 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**

1. CHM X045/X045L, or CHM X040 and CHM X041, or CHM X045C, or CHM X045E
2. CHM X046/1046L or CHM X046C or CHM X04(103)6E
3. MAC X311 or MAC X281
4. MAC X312 or MAC X282
5. MAC X313 or MAC X283
6. PHY X048/X048L or PHY X048C
7. PHY X049/X049L or PHY X049C

**Interdisciplinary Physics Program**

1. CHM X045/X045L or CHM X040 and CHM X041 or CHM X045C and CHM X045E
2. CHM X046/X046L or CHM X046C or CHM X046E
3. MAC X311
4. MAC X312
5. Choose between the CHM or PHY sequence:
   a. CHM X210/X210L and CHM X211/X211L or CHM X210C and CHM X211C
   OR
   b. PHY X048/X048L and PHY X049/X049L or PHY X048C and PHY X049C or PHY X053C and PHY X054C

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. A brochure stating degree requirements in detail and containing outlines of undergraduate programs that will meet all departmental and University requirements is available from the departmental undergraduate affairs office and online at http://www.physics.fsu.edu. Students expecting to major in Physics, Physics and Astrophysics, or in one of the Interdisciplinary Physics programs should obtain this brochure as soon as possible.

The University oral competency communication requirement is satisfied by taking PHZ 3091 Communications in Physics. The University computer competency requirement is satisfied by taking PHZ 4151C or CGS3406.
Physics Major

A Physics 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 (PHY 3113), Intermediate Mechanics (PHY 3221), Intermediate Laboratory (PHY 3802L), Intermediate Electricity and Magnetism (PHY 4323), Thermal and Statistical Physics (PHY 4513), Quantum Theory of Matter A (PHY 4604), and Advanced Laboratory (PHY 4822L).

2. At least four of the following courses: Introduction to Astrophysics (AST 4211), Optics (PHY 3424), Advanced Dynamics (PHY 4241), Quantum Theory of Matter B (PHY 4605), Phenomena in Condensed Matter Physics (PHY 3400), Particle and Nuclear Physics (PHY 4390), and General Relativity (PHY 4601).

3. One of the following computational courses: Object Oriented Programming in C++ (CGS 3406) or Computational Physics Lab (PHI 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 (minimum of 6 credit hours) may be substituted for the Advanced Lab (PHY 4822L).

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, the student 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: Astronomy Laboratory (AST1022L) or Intermediate Laboratory A (PHY 3802L), Introduction to Astrophysics (AST 4211), Extragalactic Astronomy (AST 4419) or Observational Techniques in Astrophysics (AST 4722), Discovering Physics (PHY 1090), General Physics A (PHY 2048C), General Physics B (PHY 2049C), Communication in Physics (PHY 3091), Intermediate Modern Physics (PHY 3101), Intermediate Mechanics (PHY 3221), Intermediate Laboratory A (PHY 3802L).

2. At least three of the following courses: The Physics of Stars (AST 4211), Optics (PHY 3424), Advanced Dynamics (PHY 4241), Quantum Theory of Matter B (PHY 4605), Phenomena in Condensed Matter Physics (PHY 3400), Particle and Nuclear Physics (PHY 4390), and General Relativity (PHY 4601).

3. One of the following computational courses: Object Oriented Programming in C++ (CGS 3406) or Computational Physics Lab (PHI 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), either Ordinary Differential Equations (MAP 2302) or Engineering Mathematics I (MAP 3305), and one additional upper-level mathematics course (to satisfy the required mathematics minor).

Students majoring in Interdisciplinary Physics with Biology/Pre-Medicine are also required to take: General Chemistry II/Laboratory (CHM 1046/1046L) or Honors General Chemistry II/Laboratory (CHM 1051/1051L), Organic Chemistry I (CHM 2210), Organic Chemistry II/Laboratory (CHM 2211/2211L), Human Biochemistry (BCH 4624), Biological Science I/Laboratory (BSC 2010/2010L), Biological Science II (BSC 2011) and Animal Diversity Laboratory (2011L), General Genetics (PCB 3063), Cell Structure and Function (PCB 3134), and General Psychology (PSY 312).

No physics, chemistry, biology, computer science, or math course with a grade below “C–” may be used to satisfy the above requirements.

Students majoring in Interdisciplinary Physics with Geology may add Mathematical Physics (PHI 3113) to the list of courses in requirement 2 above. They are also required to take General Biochemistry I (BCH 4053), Biological Science I and lab (BSC 2010/2010L), Biological Science II (BSC 2011) and Animal Diversity Laboratory (BSC 2011L), General Chemistry II/Laboratory (CHM 1046/1046L) or Honors General Chemistry II/Laboratory (CHM 1050/1050L), Organic Chemistry I (CHM 2210), Organic Chemistry II (CHM 2211), Calculus with Analytic Geometry III (MAC 2313 – satisfies the mathematics minor requirement), and Cell Structure and Function (PCB 3134).

No physics, chemistry, biology, computer science, or math course with a grade below “C–” may be used to satisfy the above requirements.

Students majoring in Interdisciplinary Physics with Computer Science may add Mathematical Physics (PHI 3113) to the list of courses in 2 above and must satisfy the computational-course requirement 3. (above) with Computational Physics Laboratory (PHI 4151C). They are also required to take Computer Organization I (CDA 3100); Programming I (COP 3014); Object Oriented Programming (COP 3330); Object Oriented Design and Analysis (COP 3331); Introduction to Unix (COP 3353); Data Structures, Algorithms, and Generic Programming (COP 4530); Theory and Structure of Databases (COP 4710); Calculus with Analytic Geometry III (MAC 2313); and Discrete Mathematics I (MAD 2104). No physics, chemistry, computer science, or math course with a grade below “C–” may be used to satisfy the above requirements.

Students majoring in Interdisciplinary Physics with Geology must take General Chemistry II/Laboratory (CHM 1046/1046L) or Honors General Chemistry II/Laboratory (CHM 1051/1051L), Physical Geology (GLY 2100/2100L), Structural Geology (GLY 3400C), Principles of Geochemistry (GLY 4240), Introduction to Geophysics (GLY 4451), Principles of Hydrology (GLY 4820), Calculus with Analytic Geometry...
III (MAC 2313 – satisfies the mathematics minor requirement), Mathematical Physics (PHZ 3113), and Intermediate Electricity and Magnetism (PHY 4323).

No physics, chemistry, computer science, geology, or math course with a grade below “C−” may be used to satisfy the above requirements.

Students majoring in **Interdisciplinary Physics with Oceanography** may add Mathematical Physics (PHZ 3113) to the list of courses in requirement 2 above. They must also take General Chemistry II/Laboratory (CHM 1046/1046L) or Honors General Chemistry II/Laboratory (CHM 1051/1051L), Complex Variables (MAA 4402), Calculus with Analytic Geometry III (MAC 2313), Elementary Partial Differential Equations I (MAP 4341), Physical Climatology (MET 2101), General Meteorology (MET 2700), Introduction to Atmospheric Dynamics (MET 3300), Principles of Oceanography (OCE 4008), and Basic Physical Oceanography (OCP 5050). No physics, chemistry, meteorology, oceanography, computer science, or math course with a grade below “C−” may be used to satisfy the above requirements.

Students majoring in **Interdisciplinary Physics with FSU-Teach** must select the FSU-Teach major in the College of Education as their second major. In addition, they must take Introduction to Astrophysics (AST 4211), Calculus with Analytic Geometry III (MAC 2313 - satisfies the math minor requirement), Advanced Laboratory (PHY 4822L), Phenomena in Condensed Matter Physics (PHZ 3400), and Particle and Nuclear Physics (PHZ 4390).

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.

**Minor**

The required mathematics for all physics programs is sufficient to constitute an acceptable minor in mathematics, but a student who so desires may take an additional approved minor.

**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 at least one of the following courses: Intermediate Modern Physics (PHY 3101), Intermediate Mechanics (PHY 3221), Optics (PHY 3424) or Thermal and Statistical Physics (PHY 4513), and Intermediate Electricity and Magnetism (PHY 4323). 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 PHY2049C) or College Physics A and B (PHY 2053C and PHY 2054C), and Biomedical Physics I and II (PHZ 4702 and PHZ 4703).

**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 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**

**PHY 1020. Fundamentals of Physics (3).** 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-physics-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 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-physics-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-physics science majors. Two lectures, one recitation, and one laboratory each week. Students who have previously received credit for PHY 2049C may not register for PHY 2054C.

**PHY 2054L. College Physics B Laboratory (0).**

**PHZ 4702. Biomedical Physics I (3).** Prerequisites: PHY 2053C and PHY 2054C or PHY 2048C and PHY 2049C. This is the first in a series of two introductory courses on the applications of physics in biology and medicine. The course discusses applications of classical mechanics, hydrodynamics, and thermodynamics to motion, to the structure of the musculoskeletal, respiratory, and circulatory systems, as well as to the biology of the cell. 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.

**PHZ 4703. Biomedical Physics II (3).** Prerequisites: PHY 2053C and PHY 2054C or PHY 2048C and PHY 2049C. This is the second in a series of two introductory courses on the applications of physics in biology and medicine. The course discusses applications of classical mechanics, hydrodynamics, and thermodynamics to motion, to the structure of the musculoskeletal, respiratory, and circulatory systems, as well as to the biology of the cell. 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.

**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. A student who has taken PHY 2053C or an equivalent course with comparable laboratory component may take PHY 2048 rather than 2048C.

**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. A student who has taken PHY 2054C or an equivalent course with comparable laboratory component may take PHY 2049 rather than 2049C.

**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.

AST 4211. Introduction to Astrophysics (3). Prerequisites: MAC 2312 and PHY 2049C; majors only. This introductory course covers key aspects and concepts of modern astrophysics 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.

AST 4411. 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 microwave-background radiation, early universe nucleo-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.

AST 4419. Extragalactic Astronomy (3). Prerequisite: AST 4211. This course offers a survey of the physics and phenomenology of galaxies and galaxy systems. Topics include stellar populations, classifications systems, interstellar and intergalactic material, chemical abundances and evolution, galaxy formation, structure, dynamics and evolution, extragalactic distance determination, interacting systems, as well as active galactic nuclei.

AST 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 1090r. Discovering Physics (1). (S/U grade only.) This course serves as an introduction to the exciting work currently being done by physicists. Topics include the physics and the day-to-day work done to answer questions in astrophysics, elementary particle physics, nuclear physics, and condensed matter physics. May be repeated to a maximum of two (2) semester hours.

PHY 3091. Communication in Physics (2). Prerequisite: PHY 2049C. 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 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 arranged between the student and the instructor.

PHY 4241. Advanced Dynamics (3). Prerequisites: PHY 3221 and PHY 4323. This course examines a variety of topics including Hamiltonian dynamics and electrodynamics of particles, waves in continuous media, relativistic dynamics, and electrodynamics of particles.

PHY 4323. Intermediate Electricity and Magnetism (3). Prerequisites: PHY 2049C and PHZ 3113. Electrostatics, magnetostatics, time-varying electric and magnetic fields, Maxwell’s equations.


PHY 4604. Quantum Theory of Matter A (3). Prerequisites: PHZ 3113 and PHY 3101. Quantum mechanics and 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 supervision. The course may be repeated to a maximum of six (6) semester hours for special projects arranged in advance between the student and the instructor.

PHZ 3400. Phenomena in Condensed Matter Physics (3). Prerequisites: MAP 2302 or MAP 3305 and PHY 3101. Topics covered in this course include crystal structures, phononics, the ground state properties, electron energy bands, metals, semiconductors, superconductors, and magnetism.

PHZ 4151C. Computational Physics Laboratory (3). Prerequisites: MAP 3305 and PHY 2049C. 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 text, ftp, spreadsheets, databases, code management tools, and the World Wide Web. Satisfies the University computer competency requirement.

PHY 4316. Nuclear Astrophysics (3). Prerequisite: AST 4211. Corequisite: PHY 4604. This course offers an introduction to the role 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.

PHY 4390. Particle and Nuclear Physics (3). Prerequisites: MAP 2302 or MAP 3305, 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.

PHY 4601. Special and General Relativity (3). Prerequisite: PHY 3221. Corequisite: PHY 3423. This course examines 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 astrophysics 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 (2) semester hours.

PHY 3936r. Special Topics in Physics (1–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

PHY 3949r. Cooperative Work Experience (0). (S/U grade only.)

PHY 4905r. Directed Individual Study (1–3). May be repeated to a maximum of eighteen (18) semester hours.

PHY 4910r. Research Participation (2). Projects in theoretical or experimental physics arranged in advance between the student and a member of the teaching faculty of the physics department. May be repeated to a maximum of eight (8) semester hours.

PHY 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 (12) semester hours.

PHY 4937r. Undergraduate Tutorial in Physics (1–3). (S/U grade only.) Prerequisite: Upper-division undergraduate standing. Selected topics in modern physics. Examination of primary research literature. May be repeated to a maximum of fifteen (15) semester hours. A maximum of eight (8) students allowed in each tutorial.

PHY 4970r. Honors Work (1–6). May be repeated to a maximum of nine (9) 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. Corequisite: PHY 3901 and PHY 4910r. Students present results of their physics research to the class for discussion. May be repeated to a maximum of two (2) semester hours.

Graduate Courses

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 5246. Theoretical Dynamics (3).

PHY 5326. Intermediate Electricity and Magnetism (3).

PHY 5346. Electrodynamics A (3).

PHY 5347. Electrodynamics B (3).


PHY 5515. Thermal and Statistical Physics (3).

PHY 5524. Statistical Mechanics (3).

PHY 5607r. Quantum Theory of Matter (3).

PHY 5608r. Quantum Theory of Matter (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).
PHYSICS

PHY 5669. Quantum Field Theory B (3).
PHY 5670. Quantum Mechanics C (3).
PHY 5904. Directed Individual Study (3).
PHY 5909. Directed Individual Study (1–12). (S/U grade only.)
PHY 5918. Supervised Research (1–5). (S/U grade only.)
PHY 5920. Colloquium (1). (S/U grade only.)
PHY 5930. Introductory Seminar on Research (1). (S/U grade only.)
PHY 5940. Supervised Teaching (0–5). (S/U grade only.)
PHY 6935. Advanced Seminar (1). (S/U grade only.)
PHY 6937. Selected Topics in Physics (1–3).
PHY 6938. Special Topics in Physics (3). (S/U grade only.)
PHY 6941. Graduate Tutorial in Physics (1–3). (S/U grade only.)
PHZ 5315. Nuclear Astrophysics (3).
PHZ 5156. 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

Chair: Dale L. Smith; Professors: Barrilleaux, Berry, Crew, Jackson, Kim, Moore, Scholz, C. Weissett, W. Weissett; Associate Professors: Claggett, Maestas, Smith, Souva; Assistant Professors: Ahn, Barabas, Block, Ehrlich, M. Golder, S. Golder, Gomez, Grosser, Jerit, Kemahlighou, Reenock, Siegel; Instructor: Jordan; Affiliated Faculty: Feiock; 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 variety of careers by emphasizing the acquisition of skills in communication and analysis and by encouraging independent thought, tolerance, and informed interest in current affairs. More specifically, the study of political science provides background for careers in government at the local, state, and national levels; in international organizations; political campaigns; interest groups and lobbying organizations; journalism; business; and the law.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in political science satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 XXXX or INR XXXX or CPO XXXX: two (2) introductory courses for six (6) credit hours in political science

Note: General requirements for all social sciences: the State University System and the Community Colleges advise students to:

1. Complete General Education 36 hours;
2. Complete Foreign Language requirement;
3. Complete Gordon Rule requirement of 24,000 words;
4. Complete Gordon Rule requirement in math by taking 2 courses, one of which must be pure math.

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 twelve semester hours in an assembled classroom at Florida State University (including the study abroad program).

The political science program includes five subfields of study: American government (course prefix is POS), comparative politics (CPO), international relations (INR), public policy (PUP), and public administration (PAD). PAD courses are offered by the Askew School of Public Administration. ISS 2937 may count as a political science course if the instructor is a faculty member in political science.

Majors must take at least three introductory courses, choosing from: CPO 2002, INR 2002, POS 1041, PUP 3002, and PAD 3002.

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.

POS 3713 Understanding Political Science Research, is required of all majors.

Political science majors are required to have a minor or second major and to meet the requirements stipulated by that department or program. Public administration is not permitted as a minor because classes in that area count toward the political science major.

Honors in the Major

The department offers a program of honors in the major to encourage qualified juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Internships

An optional internship in political science is designed to allow students to earn up to six semester hours of credit in political science while also garnering practical experience in government and politics. The prerequisites for internship are: completion of at least sixty 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.

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 the sources of 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 at the national level, and the level of popular control.
Prerequisite: POS 1041 or instructor permission. Course describes, explains, and evaluates the structure, activities, and function of political parties in the United States. Examines party organization and leadership, nominations and elections, the American electorate, and political campaigning.

Law and Society (3). Prerequisite: POS 1041 or instructor permission. Course surveys the American legal system, including the role of lawyers; sources and types of law; and courts, legislatures, executive agencies, and other law-making institutions. Also links law and legal behavior to the social, economic, and political features of modern society. (Required for students in the law and society program.)

Special Topics in Government (1–3). Prerequisite: POS 1041 or instructor permission. Varies with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

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.

Political Campaigns (3). Prerequisite: POS 1041 or instructor permission. The planning and administration of electoral campaigns for students interested in campaign participation or careers in government.

CPO 2002. 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-made public policy.

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 Policy.

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.

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 case law concerning judicial review, commerce power, federalism, and presidential and legislative power.

The Supreme Court, Civil Liberties, and Civil Rights (3). Prerequisite: POS 1041 or instructor permission. Reviews recent interpretations of the Bill of Rights and 14th Amendment case law with special attention to freedom of expression, equal protection, and criminal due process rights.

Comparative Politics

CPO 2002. Introduction to Comparative Government and Politics (3). Addresses government institutions and current political parties throughout the world, as well as theories that explain similarities and differences among countries. Topics may include electoral systems, party systems, causes of political change, democracy, political culture, ideologies, and economic and social policy. Examples from Western democracies, the third world, and current and former communist countries.

Politics of Developing Areas (3). Prerequisite: CPO 2002 or instructor permission. Course examines how economic and social conditions affect politics and government in a developing country. Issues include patterns of leadership, political institutions and policy making, economic and social development, and foreign policy behavior.

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.

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.

Politics of Latin America (3). Prerequisite: CPO 2002 or instructor consent. Course examines Latin American politics after the mid-20th century. Examines the historical, economic, and international contexts in which Latin American political systems function, and identifies challenges to democracy and development. The specific Latin American countries covered will vary.

Comparative Government and Politics: The Middle East (3). Prerequisite: CPO 2002 or instructor permission. The political systems of the Middle East and their social, economic, and cultural foundations.

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 political issues. Examines political parties, political institutions, 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.

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 and reform. Also examines current issues.

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 (9) semester hours.

Political Violence (3). Prerequisite: CPO 2002 or instructor permission. Course introduces the student to scholarly writing on violent political conflict. Reviews theories of 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.

International Approaches to Democracies and Dictatorships (3). Prerequisite: CPO 2002 or instructor permission. This course examines questions about democracy and dictatorship from an institutional perspective. What is democracy and how is it measured, and how does regime affect the welfare of citizens? An emphasis is on the variety of institutional arrangements found in dictatorships.

International Relations

Introduction to International Relations (3). Introduces students to the study of international relations. Major topics include the different actors that participate in international relations and the different goals they pursue, the processes of conflict and cooperation, and recent trends in international politics.

Geography, History, and International Relations (3). Prerequisite: INR 2002 or instructor permission. Country introduction 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 and why countries and citizens learn from history.

Terror and Politics (3). Prerequisite: INR 2002 or instructor permission. This course focuses on terrorist organizations and government responses to them.

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.

The United Nations and International Relations (3). Prerequisite: INR 2002 or instructor permission. This course provides a more detailed examination of the process of international relations than the introductory course. Topics include the major approaches to foreign policy decision making, prominent explanations of international conflict, and process of international economics.

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 (9) semester hours.

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.

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-WWII era.

Confronting Human Rights Violations (3). Prerequisite: INR 2002 or instructor permission. Course examines means of confronting massive human rights violations. It compares the recent phenomena of truth commissions and pardons to the more traditional, legalistic approach of criminal prosecution. Moral issues involved in each approach and how each serves society are explored. Specific truth commission cases are studied.

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.

American Foreign Policy (3). Prerequisite: INR 2002 or instructor permission. Course explores U.S. foreign policy roles, shifts, and strategies. It introduces students to the role of U.S. government agencies, including the State Department, National Security Council, and Defense Department in making foreign policy. Examines the decision-making process and domestic sources of foreign policy, such as the electorate, public opinion, interest groups, and the media. Looks at the past and the future of American foreign policy with an emphasis on current issues.

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.

Studies in International Politics: Latin America (3). Prerequisite: INR 2002 or instructor permission. Course explores the political and economic aspects of Latin America in the international political system, with emphasis on the United States and Latin America.

Studies in International Politics: The Middle East (3). Prerequisite: INR 2002 or instructor permission. 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 Middle East conflict.

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 interaction between politics and economics in international relations. Topics covered include international trade, the global monetary system, multinational corporations, regional integration, and economic development.

Public Policy

PUP 3002. Introduction to Public Policy (3). An introduction to the development of public policy in the United States. Covers main policy areas including housing, education, the economy, etc.

PUP 3233. Women and Politics (3). Prerequisite: POS 1041 or instructor permission. Course surveys the relations between gender and politics, governance, and public policy. Looks at the impact of government policies on socialization and how 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 evaluation and analysis of public policy, using the political economy approach.

PUP 4242. 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 4931r. Special Topics in Public Policy (1–3). Prerequisite: PUP 3002 or instructor permission. Policy alternatives and the policy-making process on a specific contemporary policy question in America, e.g., science research and development, energy, regulation, taxes, environment. Varies with the instructor and semester. May be repeated to a maximum of nine (9) semester hours.

Political Theory

PHM 3331r. Modern Political Thought (3). Major political ideas of the modern world emphasized through a study of selected political theories; 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, trends, or school of thought in contemporary political philosophy. Also offered by the Department of Philosophy.

POT 3003. Introduction to Political Thought (3). Study of the writings of several major political theorists of the past that explore the major issues that define the field of political theory.

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 1960. The resulting conflict in world views has given rise to a new agenda of value-based issues that are presently eclipsing the traditional economic issues in public debate. Through class 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 (3). Course explores and analyzes the major thinkers of American political thought from its beginnings up to the Civil War period. Included topics are Puritanism, the American Revolution, the making and ratifying of the Constitution, Jeffersonian and Jacksonian democracy, the nature of the union, and the issue of slavery.

POT 4804r. Readings in Political Thought (3). Issues or topics in the general area of political theory determined through consultation between instructor and student. May be repeated to a maximum of nine (9) semester hours.

Others

POS 3713. Understanding Political Science Research (3). Prerequisite: POS 1041 or CPO 2002 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.
PUP 5007. Models of Public Policy-Making (3).
PUP 5015. Comparative Public Policy (3).
PUP 5607. Politics of Health Policy (3).
PUP 5932r. Selected Topics (3).
PUP 6910. Advanced Research in Public Policy (3).

Other
POS 5909r. Directed Individual Study (1–3).
POS 5919r. Supervised Research (1–5). (S/U grade only.)
POS 5946r. Teaching Political Science at the College Level (3).
POS 6930r. Profession of Political Science (0–6). (S/U grade only.)
SYD 5145. Population Policy (3).

Applied American Politics and Policy
POS 5085. Governmental Relations for Business (3).
POS 5096. Political Fundraising (3).
POS 5203. Fundamentals of Political Management (3).
POS 5274. The Campaign Process (3).
POS 5276. Political Communication and Message Development (3).
POS 5335. Political Research (3).
POS 5465. Lobbying (3).
POS 5905. Applied Program Planning (1). (S/U grade only.)
POS 5945r. Professional Practicum/Internship (3–12).

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

POPULATION: see Graduate Bulletin

PORTUGUESE: see Modern Languages and Linguistics

PRELAW EMPHASIS: see Communication

PREPROFESSIONAL AREAS: see College of Medicine

PSYCHOBIOLOGY/NEUROSCIENCE: see Graduate Bulletin
Department of PSYCHOLOGY

COLLEGE OF ARTS AND SCIENCES

Chair: Janet Kistner; Associate Chair: Berler; Professors: Baumeister, Carbonell, Charness, Contreras, Ericsson, Hull, Hyson, Joiner, Keel, Kistner, Lang, Lonigan, Patrick, Schatschneider, Schmidt, Spector, Tice, Wagner, Wang; Associate Professors: Bernat, Eckel, Johnson, Kelley, B. Licht, M. Licht, Maner, Plant, Radach, Taylor; Assistant Professors: Bolatanos, Boot, Cougle, Ehrlinger, Kaschak, Rodefer, Ward, Williams; Research Associates in Psychology: Berler, Henderson, Sachs-Ericsson, Warmath; Associates in Psychology: Kline, Murphy; Assistant in Psychology: Lane, Lecchio; Administrative and Professional: Bigbie, Donaldson, Harris, Saunders, Thornton; Associate Faculty: Davis, Ferris, Kemper, Kerr, Lyons Johnson, O’Kon, Patrick, K. Schmidt, Sullivan, Tenenbaum; Professors Emeriti: Bailey, Brigham, Hokanson, Kennedy, Megargee, Miller, Rasshotte, 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 course work outside psychology may be required. Although some students may not wish to pursue graduate studies, this program assures that the successful major will attain a strong science-based liberal arts education.

Majors are required to take three laboratory courses, and qualified students are encouraged to work in the department’s research laboratories or to participate in research in educational and clinical settings. Students are strongly encouraged to consult early and regularly with the departmental 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. Advisors 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, neuroscience, and social psychology. Students on the Panama City campus may specialize in applied behavior analysis and performance management. For the student wishing to study abroad for a semester, there may be opportunities to study 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 CGS 2060, CGS 2064, CGS 2082, 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 upper-division program.

At the time this document was published, some common program prerequisites were undergoing revision. Please visit http://facts23.facts.org/navigation/detail_ext/cpp_intro.do?pageId=060304 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 X000-X099: one (1) course for three (3) credit hours in any level general biology course or BSC X200-209 or ZOO X010
2. PSY X102
3. PSY XXXX: any lower-level psychology class within the psychology inventory for three (3) credit hours
4. STA X000-X099: one (1) course for three (3) credit hours in any level statistics course

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. Note also that students with more than one hundred twenty earned semester hours are not admissible.

1. A minimum GPA of 2.8 in all college-level courses attempted
2. Meet requirements for progression to upper division status
3. Completion of the three 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
   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 be taken as a course prerequisite (or co-requisite, if necessary). It is important that students see a psychology adviser for guidance as to when best to schedule these courses.

Requirements for a Major

Note: Please see the department’s Web site at http://www.psy.fsu.edu or contact the Psychology Advising Office at 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.

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 is a prerequisite (or co-requisite, if necessary). Group 1 totals four hours of credit.
Group 5: Psychology electives. Students must take one course, totaling three to four semester hours, from this group.

Group 2: Neuroscience. Students must take one course, totaling six to seven semester hours, from this group.

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.

Group 4: Lecture/Laboratory Courses. Students must take two courses from the list below. Each course contains a lecture and laboratory component.

- DEP 3103 Child Psychology (3)
- DEP 4404 Psychology of Adult Development and Aging (3)
- EXP 2020 Mind and Cognition (3)
- EXP 4640 Psychology of Language (3)
- EXP 3404 Human Memory and Learning (3)
- EXP 3604C Cognitive Psychology with Laboratory (4)
- SOP 3004 Social Psychology (3)

Group 5: Psychology Electives. Students must take enough psychology elective courses to total thirty-six semester hours of psychology courses (not including General Psychology). Group 5 adds between zero and eight hours of credit, depending on how many courses are double counted.

- 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. They can be taken as early as the first semester of sophomore year. Students can take more than six hours of these research experience courses (12 hours DIS; 12 hours PSY 4920), but only six hours total will count toward the psychology major.

- Honors thesis work (PSY 4039r). 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.

- Courses with a WST prefix will not count toward psychology electives even though they are listed on the psychology course look up.

- Psychology electives can include any psychology courses not listed above, as well as classes listed under Groups 2, 3, or 4 as long as they have not been used to fulfill other requirements.

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 & 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 Psychology of Adult Development and Aging (3)
EXP 2020 Mind and Cognition (3)
EXP 4640 Psychology of Language (3)
EXP 3404 Human Memory and Learning (3)
EXP 3604C Cognitive Psychology with Laboratory (4)
SOP 3004 Social Psychology (3)

Group 4: Lecture/Laboratory Courses. Students must take two courses from the list below. Each course contains a lecture and laboratory component.

EXP 3202C Sensation & 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 semester hours of psychology courses (not including General Psychology). Group 5 adds between 14 hours and 21 hours of credit.

- 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. They can be taken as early as the first semester of sophomore year. Students can take more than six hours of these research experience courses (12 hours DIS; 12 hours PSY 4920), but only six hours total will count toward the psychology major.

- Honors thesis work (PSY 4039r). 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.

- Courses with a WST prefix will not count toward psychology electives even though they are listed on the psychology course look up.

- Psychology electives can include any psychology courses not listed above, as well as classes listed under Groups 2, 3, or 4 as long as they have not been used to fulfill other requirements.

- For students who have not taken any 4000-level psychology courses, 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 a program in honors in the major 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 be admitted into the University Honors Program prior to arranging this research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin. Once admitted to the University Honors Program, students must identify a psychology faculty mentor for supervision of their honors thesis research.

Requirements for a Minor in Psychology

Twelve 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.

Areas of Special Emphasis

Several areas of emphasis are available for students, especially those planning a graduate career in psychology or another field of science. The areas are clinical psychology, cognitive psychology, developmental psychology, neuroscience, and social psychology. The recommended curriculum provides students with a strong background in scientific method and content pertinent to their areas of particular interest.

Bachelor’s Degree in Psychology at Panama City

Students may complete the requirements for the Bachelor of Science (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 advisor regarding current GPA requirement at Panama City, which may differ from the 2.8 required at the main campus. Note that the minimum GPA required for admission must be maintained to stay in the major.
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
   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 be taken as a course prerequisite (or co-requisite, 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.
A broad introduction to the field of psychology. A study of the basic principles of
Prerequisites: PSY 2012, PSY 2012 and STA 2122 or STA 2171. Introduction to philosophical and methodological
is the focus.

For further information about admission, degree requirements, minor
eXP 3604C. Cognitive Psychology with Laboratory (4). Prerequisite: PSY 3213C. Contemporary approaches to human learning, memory, and higher mental processes; lecture plus laboratory experiments.

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
DEP—Developmental Psychology
EAB—Experimental Analysis of Behavior
EXP—Experimental Psychology
INP—Industrial and Applied Psychology
ISC—Interdisciplinary Sciences
PPE—Personality
PSB—Psychobiology
PSY—Psychology
SCE—Science Education
SOP—Social Psychology

Undergraduate Courses

General Psychology
PSY 2012. General Psychology (3). A broad introduction to the field of psychology covering such topics as learning, perception, intelligence, personality, social behavior, neuroscience, developmental psychology, and abnormal behavior.

PSY 2023. Careers in Psychology (1), (S/U grade only.) Prerequisite: PSY 2012. This course is intended for psychology majors who are uncertain about their career goals. Students learn what career opportunities are available in psychology and related fields and what these careers involve. Students are encouraged to take this course early in their undergraduate years so they can pursue opportunities at FSU that will help prepare them for their chosen career paths.

PSY 3213C. Research Methods in Psychology with Laboratory (4). Prerequisites: PSY 2012 and STA 2122 or STA 2171. Introduction to philosophical and methodological issues in the empirical study of psychology. Laboratory portion includes running simple experiments, analyzing data, and interpreting the results.

PSY 4604. History and Systems of Psychology (3). Prerequisites: PSY 2012, PSY 3213C, junior or senior standing, or instructor permission; recommended for seniors. Covers the philosophical and scientific antecedents of modern psychology and the history of psychology as an independent scientific discipline.

Behavioral and Systems Neuroscience

CBN 4304. Behavioral Genetics (3). Prerequisites: PSY 2012 and PSY 3213C. This course examines the application of genetic methods to human and animal behavior. Genetic methods discussed include twin and adoption as well as molecular studies. Behaviors to be examined include personality, intelligence, and psychopathology.

EXP 3202C. Sensation and Perception with Laboratory (4). Prerequisite: PSY 3213C. The role of senses in behavior and the perceptual organization of sensory information; lecture plus laboratory in personality.

EXP 3203C. Animal Sensory Processes with Laboratory (4). Prerequisite: PSY 3213C. Animal psychophysics and electrophysiology in the study of animal senses; lecture plus laboratory experiments.

EXP 3422C. Conditioning and Learning with Laboratory (4). Prerequisite: PSY 3213C. How experience affects the behavior and physiological functioning of animals and humans; lecture plus laboratory experiments.

PSB 2000. Introduction to Brain and Behavior (3). A study of the basic principles of brain functions and how they relate to animal and human behavior. (Cannot be taken after PSB 3004C.)

PSB 3004C. Physiological Psychology with Laboratory (4). Prerequisite: PSY 3213C. Current problems, theories, and techniques in physiological psychology with emphasis on central nervous system mechanisms.

PSB 4461. Hormones and Behavior (3). Prerequisites: PSY 2012 and PSB 2000 or PSB 3004C or three (3) semester hours in biology. Provides students with current knowledge of interactions between hormones and behavior with emphasis on the brain regulation of hormone-behavior interaction in mammalian species including humans.

PSB 4461. Pain and Suffering (3). Course combines formal lectures, student-teacher discussions, and student presentations to understand what we currently know and how we can increase our knowledge about the multifaceted (genetic, biological, physiological, psychological, sociocultural) mechanisms underlying pain.

PSB 4710. Biology of Eating Disorders and Obesity (3). This course explores the biological and genetic factors that may increase susceptibility to develop an eating disorder or obesity. It also provides a survey of biological changes that arise in individuals with an eating disorder or obesity.

PSB 4731. Biopsychology of Sexual Behavior (3). Prerequisites: PSY 2012 and PSB 2000 or PSB 3004C or three (3) semester hours in biology. A study of biological and sociocultural determinants of sexual development particularly as it relates to sexual orientation, sexual preference, and purported gender differences in personality, cognition, and mental disorders.

Human Learning and Cognition
EXP 2020. Mind and Cognition (3). Prerequisite: Instructor permission. The course focuses on intelligent behavior in humans, animals, and machines and on the mechanisms underlying this behavior.

EXP 3404. Human Memory and Learning (3). Prerequisites: PSY 3213C. Course introduces issues related to human memory and learning. Theories of memory, including memory systems, capacity and duration of memory, and basic memorial processes. Applied issues include disorders of memory (e.g., Alzheimer’s disease), repressed memories, and memory improvement.

EXP 3604C. Cognitive Psychology with Laboratory (4). Prerequisite: PSY 3213C. Contemporary approaches to human learning, memory, and higher mental processes; lecture plus laboratory experiments.

EXP 4640. Psychology of Language (3). Prerequisites: PSY 3213C for psychology majors and instructor permission for other majors. This course will focus 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. Human adjustments and the resulting forms of behavior. Abnormal and normal behavior are contrasted. Special emphasis on the determinants of adjustments.


CLP 3314. Health Psychology (3). Prerequisite: PSY 3213C. 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 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/hyperactivity disorder, and learning disabilities.

CLP 4143. Abnormal Psychology (3). Prerequisite: PSY 3213C. Junior or senior standing is strongly recommended. Causes of personality disorder, diagnosis and treatment of mental illness, and developments in experimental psychopathology.

CLP 4182. Addictive Behaviors (3). Prerequisites: Junior or senior standing, a 3.0 GPA, or instructor permission. 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 a well as relevant public policy is the focus.

CLP 4333r. Current Issues in Clinical Psychology (3). Prerequisites: PSY 2012 and junior or senior standing. A study of current issues in clinical psychology. May be repeated to a maximum of six (6) semester hours.

CLP 4500. Abnormal Psychology Field Experience (1). (S/U grade only.) Prerequisites: CLP 4143 or instructor permission.

PPE 3003. Psychology of Personality (3). Prerequisite: PSY 3213C. An introduction to the study of personality and a theoretical foundation for research in personality.

PSY 4302. Theory, Application, and Evaluation of Tests (3). Prerequisite: PSY 3213C. Basic test and measurement theory essential in the construction, appropriate use, and evaluation of achievement, aptitude, intelligence, interest, and personality tests.

Life-Span Development

DEP 3103. Child Psychology (3). Prerequisite: PSY 2012. This course provides broad coverage of topics concerning the biological, social, and cognitive aspects of children.

DEP 3305. Psychology of Adolescent Development (3). Prerequisite: PSY 2012. Recent 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. The study of the major psychological issues of adulthood and aging, including age-related changes in psychological, social, and physical functioning; interpersonal and family relationships, career development and retirement; mental and physical health; death and bereavement; and coping with the process of aging.

Social

SOP 3004. Social Psychology (3). This course involves the scientific study of how people think about, influence, and relate to one another. Subjects include individual, cultural, behavioral, and biological levels of analysis. Completion of PSY 2012 is recommended prior to this course.

SOP 3742. Psychology of Women (3). Prerequisite: PSY 2012. Systematic study of research and theories about gender, including psychological differences and similarities between sexes.

http://www.pc.fsu.edu

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.
Prerequisite: PSY 2012. An examination of the interface between psychology and legal issues. Research on judges, juries, defendants, and police are among topics covered, as well as the role of psychologists in the legal system.

Psychology of the African-American (3). Prerequisite: PSY 2012. A critical examination of the psychocultural forces that shape and determine the unique behavior of African-Americans.

Experimental Social Psychology (3). Prerequisites: PSY 2012 and SOP 3004. Course covers in-depth analysis of several central areas of social psychology with an emphasis on designing and carrying out research in these areas.

Prejudice and Stereotyping (3). Prerequisites: PSY 3213C and SOP 3004. This course explores the nature of prejudice and stereotyping in our society using a social psychological perspective.

Behavioral—Performance Management

Applied Behavior Analysis (3). This course introduces the basic principles of behavior and exposes students to settings where techniques based on learning theory can be used therapeutically.

Business Psychology (3). Prerequisite: PSY 2012. Vocational selection, psychological principles of supervision and leadership, emotional problems of employees, selling, and advertising.

Behavior Analysis in Business and Industry (3). Prerequisites: EAB 3703, EXP 3422C, and PSY 2012. Behavior principles as they are applied in business, industry, and government.

Advanced Topics in Performance Management (4). Prerequisites: INP 3313 and instructor permission. Implementation and analysis of performance management principles via a project carried out in a business setting; motivation, compensation, and systems in performance technology.

Multiple Areas

Science, Technology, and Society (3). Science is considered as an enterprise in modern society that produces technological advances and new perspectives on reality. Interrelations among science, technology, and society are examined. Enrollment is open to students who have attained at least junior standing or by instructor permission.

Cooperative Education Work Experience (0). (S/U grade only.)

Honors Work (1–6). May be repeated to a maximum of nine (9) hours.

Directed Individual Study (one to three [1–3] hours each.) (S/U grade only.) Prerequisites: Sophomore or higher standing and instructor permission. Study on a selected topic as designated by the student and the directing professor. Each course may be repeated to a maximum of three (3) semester hours.

Research Topics (1–3). (S/U grade only.) Prerequisites: Sophomore or higher standing and instructor permission. Participation in a group research project on a selected topic as designated by the directing professor. May be repeated to a maximum of twelve (12) semester hours, with a maximum of six (6) hours repeatable in a given semester.

Special Topics in Psychology (3). May be repeated to a maximum of nine (9) semester hours. A maximum of two (2) special topics courses may be taken in the same semester.

Honors Seminar (1). (S/U grade only.) Prerequisite: Admission to the honors-in-psychology program. Exposure to state-of-the-art research of psychology faculty to increase breadth in the discipline and to help select a thesis topic and research mentor. May be repeated to a maximum of four (4) semester hours.

Presentations of contemporary and interesting issues in science, mathematics, or academic methods. Content will vary from semester to semester. May be repeated to a maximum of four (4) semester hours.

Graduate Courses

General

History and Systems of Psychology (3).
Teaching Psychology Practicum (3).

Applied Behavior Analysis

Basic Principles of Behavior (3).
Basic Methods of Applied Behavior Analysis (3).
Behavioral Analysis in Developmental Disabilities and Autism (3).
Behavioral Analysis in Mental Health and Aging (3).
Behavioral Analysis in Education and Performance Management (3).
Ethical and Professional Issues in Applied Behavior Analysis (3).
Research Methods in Applied Behavior Analysis (3).
Applied Behavioral Analysis Practicum (3). (S/U grade only.)
Applied Behavioral Analysis Practicum (3). (S/U grade only.)
Seminar on Skinner’s Theory of Behaviorism (3).

Clinical: Personality

Techniques of Behavioral Change (3).
Concepts and Methods of Clinical Psychology (3).
Child Psychopathology and Intervention (3).
Ethics and Standards of Professional Practice (3). (S/U grade only.)
Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only.)
Clinical Practicum: Psychological Evaluation [one to three (1–3) hours each]. (S/U grade only.)
Abnormal Psychology for Graduate Students (3).
Seminar in Clinical Theory (3).
Current Issues in Clinical Psychology (1). (S/U grade only.)
Clinical Practicum: Change of Behavior [one to three (1–3) hours each]. (S/U grade only.)
Clinical Practicum: Change of Behavior [one to three (1–3) hours each]. (S/U grade only.)
Personality Theory (3).
Assessment I (3).
Psychological Clerkship (3–6). (S/U grade only.)
Psychology Internship (1–6). (S/U grade only.)

Human Learning and Cognition

Cognition and Perception (3).
Psychology of Language (3).
Seminar in Higher Mental Processes (3).
Issues in Cognitive Science (1). (S/U grade only.)

Life-Span Development

Developmental Psychology (3).

Psychobiology/Neuroscience

Conditioning and Learning (3).
Animal Psychophysics (3).
Cell and Molecular Neuroscience (4).
Biological Psychology (3).
Neuroscience Methods: Molecules to Behavior (2).
Responsible Conduct of Research (2).
Vertebrate Neuroanatomy (4).
Systems and Behavioral Neuroscience (3).
Neuropharmacology (3).
Seminar in Physiological Psychology (3).
Current Problems in Neuroscience (2). (S/U grade only.)
Neuroscience Colloquium (1). (S/U grade only.)
Seminar in Neuroscience (1–2).

Social

Social Psychology (3).
Seminar in Psychology and Law (3).
Current Issues in Social Psychology (1). (S/U grade only.)
Seminar in Social Psychology (3).

Multiple Area Courses

Directed Individual Study (1–3). (S/U grade only.)
Selected Research Topics (3).
Supervised Research (1–5). (S/U grade only.)
Supervised Teaching (1–5). (S/U grade only.)
Selected Research Topics (3).
Seminar in Current Research Topics (1–3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Public Administration and Policy 393

Public administration courses often serve well as an area of specialization within other degree programs. The study of public administration adds a dimension to career competencies, enhancing the student’s career mobility, flexibility, and opportunities.

Additional information (such as handbooks and syllabi) is available on the Askew school’s home page: http://askew.fsu.edu.

Definition of Prefixes

PAD—Public Administration
POS—Political Science

Undergraduate Courses


PAD 3013. Futures Studies (3). This course applies futures perspectives and methods to the study of societal trends and conditions. Emphasis is on the development of anticipatory public policy.

PAD 3931r. Selected Topics in Public Administration (1–6). Varying topics. Contact school. May be repeated to a maximum of nine (9) semester hours.

PAD 3941r. Public Service Internship (3). Prerequisite: PAD 3003 or equivalent. Participant observation of the administration of policy in public service organizations. Internship with faculty supervision, on-campus seminars, discussion papers. May be repeated to a maximum of six (6) semester hours.

PAD 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

PAD 4223. Budgets and Finances in Managing Public Affairs (3). Concepts and practices in budgeting and financial processes such as planning, goal setting, and implementation.

PAD 4332. Strategic Leadership for Communities (3). This course will teach the principles and skills of strategically managing agencies and communities. Strategic planning, community visioning, and organizational assessments will be covered. Managerial leadership roles and responsibilities in organizing community planning and change also will be covered.

PAD 4374. Foundations in Emergency Management (3). This course is designed to introduce students to the fundamental concepts, theories, principles, and practices of emergency management.

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 4414. American Public Service (3). Structure and political role of the civil service, evolution of government employment, current personnel policies, rights and responsibilities of public servants, and labor management relations. The impact of the public service on American society is explored.

PAD 4456. Quality Management Systems (3). Addresses the theory, design, and implementation of quality management systems in public organizations compared to that in other sectors of the economy. Examines the need for and origins of quality management philosophies, techniques, transition strategies, case studies, and future scenarios. May be repeated to a maximum of six (6) semester hours.

PAD 4603. Administrative Law (3). Study of the constitutions, statutes, executive orders, and procedures that control the administrative authorities of government. (Also offered by the Department of Political Science.)

PAD 4606. American Legal Systems (3). This course is an overview of American legal systems. Topics include the interrelationships between law and social sciences, the nature of legal systems, how to read and analyze a court case, and interpret statutes, and analysis of important legal controversies.

PAD 4712. Information Resource and Communication Management (3). This course in communications, information resource management, and information technologies is aimed at administrators in the 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 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

PAD 4936r. Special Topics in Public Administration (3). Topics will vary. May be repeated to a maximum of nine (9) semester hours.

POS 4413. The American Presidency (3). The roles of the American president, especially their relationship to government administration. (Also offered by the Department of Political Science.)
Graduate Courses

PAD 5035. Policy Development and Administration (3).
PAD 5041. Public Service Ethics (3).
PAD 5050. The Profession of Public Administration (3).
PAD 5106. Public Organizations (3).
PAD 5227. Managing Public Financial Resources (3).
PAD 5275. Political Economy of Public Administration (3).
PAD 5327. Public Program Evaluation (3).
PAD 5335. Strategic Leadership for Communities (3).
PAD 5376. Introduction to Terrorism: Preparedness Response (3).
PAD 5377. Advanced Topics in Terrorism (3).
PAD 5397. Fundamentals of Emergency Management (3).
PAD 5417. Human Resource Management (3).
PAD 5419. Issues in Human Resource Management (3).
PAD 5427. Public Labor Relations (3).
PAD 5605. Administrative Law (3).
PAD 5700. Research Design (3).
PAD 5700L. Research Design Laboratory (0). (S/U grade only.)
PAD 5701. Quantitative Analysis in Public Administration (3).
PAD 5701L. Quantitative Analysis in Public Administration Laboratory (0). (S/U grade only.)
PAD 5710. Information Resource and Communication Management (3).
PAD 5826. Intergovernmental Management and Relations (3).
PAD 5846. Health Policy and Public Administration (3).
PAD 5907r. Directed Individual Study (1–3). (S/U grade only.)
PAD 5915r. Supervised Research (1–5). (S/U grade only.)
PAD 5946. Public Service Internship (3). (S/U grade only.)
PAD 5949r. Supervised Teaching (1–5). (S/U grade only.)
PAD 6054. Intellectual History and Future of Public Administration (3).
PAD 6075. Advanced Administrative Theory (3).
PAD 6102. Administrative Behavior in Public Organizations (3).
PAD 6103. Cultural Analysis and Organizations (3).
PAD 6107. Seminar: Public Organizational Development (3).
PAD 6108. Institutions, Policy, and Management (3).
PAD 6109. Institutions and Society (3).
PAD 6115. The Executive (3).
PAD 6207. Financial Resources Administration (3).
PAD 6226. Public Budgeting Simulation and Issues (3).
PAD 6300. Governmental Administration in Florida (3).
PAD 6705. Analytic Techniques for Public Administrators (3).
PAD 6707. Logics of Inquiry (3).
PAD 6908. Action Report (3).

PAD 6930r. Professional Topics in Public Administration (0). (S/U grade only.)

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

---

PUBLic reLAtiOns: see Communication
PURCHAssING/MAteriALS MA nAgemenT: see Management Information Systems
RADIO/TELeVISION: see Communication
rAdiO/teLevisiOn: see Communication
rEAdING EDUCAtiOn And LAngUAge ARTs: see Childhood Education, Reading, and Disability Services; Middle and Secondary Education
rEAL estAte: see Risk Management/Insurance and Real Estate and Program in Business Law
rEHAbilItAtiOn SERViCES: see Childhood Education, Reading, and Disability Services
Department of Religion

College of Arts and Sciences

Chair: John Corrigan; Professors: Corrigan, Kelsay, Porterfield, Tighelaar, Twiss; Associate Professors: Cuevas, Erndl, Goff, Kalbhan, Kavka, Koehlinger, Levenson; Assistant Professors: Day, Gaiser, Irving, Kelley, Yu; Professors Emeriti: Carey, Jones, Moore, Rubenstein, Sandon, Wellborn

Since its founding in 1965, the Department of Religion at Florida State University has been a leader among America’s public institutions in the academic study of religion. The department offers instruction in the religious traditions of the world and the religious dimensions of human life. While covering a wide range of religious phenomena and the interaction of religion with other cultural forms, there are particular concentrations in the religions of western antiquity, religions of Asia, religion in America, and religion, ethics, and philosophy.

Located in the humanities area of the College of Arts and Sciences, the department participates actively in the University’s liberal studies program. A number of religion courses are approved for humanities credit in liberal studies and for literature and multicultural requirements. The department is committed to offering several liberal studies honors courses and honors augmented courses each semester. Members of the department regularly teach in the Bryan Hall living and learning community. Our students are encouraged to take advantage of the University’s international programs, especially those in London and Florence.

A concentration in religion provides the opportunity to acquire a broad liberal arts education, as the study of religion involves exposure to a wide variety of different cultural expressions and methods of analysis. While some religion majors and minors go on to graduate work and positions in the various areas of religion and religious studies, the issues and methods encountered are applicable to a number of different professional fields and interests.

The department is housed in Dodd Hall. The facilities of the department include a small library of standard reference works for the use of religion students.

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

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 religion 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, faculty in this program recommend that students take several lower level religion courses with the REL prefix.

Degree in Religion

Major

To complete a Bachelor of Arts (BA) degree with a major in religion, a student must take (in addition to other college requirements) thirty semester hours of religion courses. For purposes of the major requirement, religion courses are divided into the following three (3) areas:

Western: REL 2121, 2210, 2243, 3128, 3146, 3280, 3293r, 3363, 3370, 3340, 3505, 3600, 4203r, 4290r, 4320r, 4323, 4324, 4511, 4541, 4564, 4611, 4613, 4914

Asian: REL 2315, 2350, 3316, 3335, 3337, 3340, 3358, 4333, 4359r, 4908r, 4912

Issues and Approaches: REL 3142, 3145, 3170, 3177r, 3194, PHI 3700

Note: The areas in which REL 3936r, 4190r, 4304r, 4491r, 4905r, and 4932r1 fall depend on the topic. Students should inquire at the department office for a current list of all courses and their areas.

 Majors must take at least three semester hours in each of the three areas listed above. In addition, at least eighteen semester hours must be at the 3000/4000 level, of which six hours must be numbered 3936 or above. Majors must take at least one religion course with a seminar format (either a course listed as a seminar or one approved as such by the department). REL 1300 is not applicable toward the requirements for the major. Courses in which the student receives a grade below “C–” will not be counted toward the major.

To be eligible for graduation, students majoring in religion must complete an exit interview or survey.

Minor

The religion major requires the completion of a minor in another department or program.

Honors in the Major

The Department of Religion offers an honors program in religion to encourage talented juniors and seniors to undertake independent original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Joint Major in Religion and Classics

The Departments of Religion and Classics cooperate in a joint major designed for students with a special interest in religion in the ancient world. Students interested in this program should discuss it with the undergraduate director of either department.

Cooperation with Other Programs and Departments

Because religion touches many facets of human life, the study of religion is inherently interdisciplinary. The department therefore participates in a number of interdepartmental programs, including the following: American studies, Asian studies, African-American studies, humanities, and women’s studies. In addition, students of religion will find related courses in other departments, including anthropology; art history; classics; English; history; philosophy; and sociology. Students undertaking a major or minor in religion should discuss such courses with the undergraduate adviser in religion.

Minor in Religion

Students majoring in other disciplines and wishing to minor in religion must take a minimum of twelve semester hours in the religion curriculum. At least six semester hours of credit must be earned in courses at the 3000 level or higher. REL 1300 is not applicable toward the requirements for the minor. Courses in which the student receives a grade below “C–” will not be counted toward the minor.

Definition of Prefixes

HBR—Modern Hebrew Language

HPS—History and Philosophy of Science

PHI—Philosophy

REL—Religion

SRK—Sanskrit Language

Undergraduate Courses

HBR 1102, 1103. Beginning Hebrew I, II (4, 4). Introduction to the basic grammar, syntax, and phonology of modern and classical Hebrew. Meets the foreign language requirement for the BA degree. No language laboratory required.


PHI 3700. Philosophy of Religion (3). Philosophical analysis of major problems in religion: religious language, faith, revelation, existence and nature of God, immortality. Also offered by the Department of Philosophy

REL 1300. Introduction to World Religions (3). A survey of the major living religious traditions of the world, with attention to their origins in the ancient world and their classical beliefs and practices.


REL 2210. Introduction to the Old Testament (3). The history, religious thought, and social institutions of ancient Israel as reflected primarily in its literature.


REL 2350. Religions of East Asia (3). An introduction to the history, thought, and practice of religion in China, Korea, and Japan. Confucianism, Taoism, Buddhism, and popular religious traditions from ancient through modern times are covered.
Problems and issues in The 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 the field. 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 (12) semester hours.

REL 4333. Modern Hinduism (3). Selected topics on the Hindu tradition in 19th and 20th centuries. 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 literal Tibetan grammar, common locutions, 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 (12) semester hours.

REL 4359r. Special Topics in Asian Religions (3). This course focuses on selected topics and themes in the academic study of Asian religions with special emphasis on issues of methodology. Topics may include key theories in Asian studies, religion, philosophy, history, sociology, and anthropology intended to help students develop critical skills. May be repeated to a maximum of twelve (12) semester hours as topics vary.

REL 4491r. Undergraduate Religious Thought Seminar (3). Topics vary. Intended for advanced undergraduate students. Permission of the instructor required. May be repeated to a maximum of nine (9) semester hours.

REL 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 4611. Judaism in the Graeco-Roman World (3). A history of the Jews and the development of Jewish religious ideas, literature, institutions, and practices from the Maccabean Revolt to the redemption of the Babylonian Talmud.

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 (9) semester hours.

REL 4908r. Tutorial in Patristics (1–3). A study of the church fathers, their writings, and their influence on later religious thought. May be repeated to a maximum of twelve (12) semester hours.

REL 4912r. Tutorial in Sanskrit Texts (1–3). Prerequisite: SRK 4103 or equivalent. Readings in Sanskrit of selected religious texts. Topics vary. May be repeated to a maximum of twelve (12) semester hours.

REL 4914r. Tutorial in Latin Religious Texts (1–3). A study of Latin in selected religious texts. Topics vary. A basic knowledge of Latin grammar is presumed. May be repeated to a maximum of twelve (12) semester hours.

REL 4923r. Honors Work (3). Students completing this program are awarded their diploma “With Honors in Religion.” Interested students should consult with the advisor of the program. May be repeated to a maximum of nine (9) semester hours.

SRK 4102, 4103. Elementary Sanskrit I, II (3, 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 5202r. Seminar: Introduction to the Study of Religion (3).
REL 5207r. Seminar: Biblical Studies (3).
REL 5305r. Seminar: History of Religions (3).
REL 5326r. 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).
RESEARCH AND EVALUATION:
see Educational Psychology and Learning Systems

RESEARCH DESIGN AND STATISTICS:
see Educational Psychology and Learning Systems

RHETORIC:
see English
Department of
RISK MANAGEMENT/INSURANCE AND REAL ESTATE AND PROGRAM IN BUSINESS LAW

COLLEGE OF BUSINESS

Chair: Joan T.A. Gabel; Professors: Boggs, Carson, Corbett, Diskin, Gabel, Gatzlaff, Maroney, Sirmans, C.F., Sirmans, G.S.; Associate Professors: Cole, Dumm, McCullough; Assistant Professor: Hall; Visiting Assistant Professor: Smersh; Research Associates in Business Law and Real Estate: Bailey, Woodyard; Payne H. and Charlotte Hodges Midyette Eminent Scholar in Risk Management and Insurance: Carson; J. Harold and Barbara M. Chastain Eminent Scholar in Real Estate: Sirmans, C.F.; Kenneth G. Bacheller Professor of Real Estate: Sirmans, G.S.; Mark C. Bane Professor in Business Administration: Gatzlaff; Carl J. DeSantis Professor in Business Administration: Gabel; Kathryn Magee Kip Professor: Maroney; Independent Life & Accident Insurance Company Professor: Corbett; State Farm Professor of Risk Management/Insurance: McCullough.

The risk management/insurance and real estate degree programs are designed to meet the academic needs of professional insurance, risk management, and real estate practitioners. The term “program” connotes an occupation requiring advanced education and training and the ability to meet standards deemed desirable for the protection of the public.

The business law curriculum is a non-degree service program serving all students in the College of Business. A basic knowledge of business law is essential to the successful transaction of business and economic affairs. Advanced and specialized courses are available to students who wish to gain a more comprehensive knowledge of business law in relation to such fields as accounting, finance, insurance, and real estate.

For information on graduate programs, refer to the Graduate Bulletin.

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 of Florida Common Program Prerequisites

The State of Florida has identified common program prerequisites for this department’s University degree programs. Specific prerequisites are required for admission to 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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
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
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

Degree Programs

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. the general business core requirements for risk management/insurance majors
4. the general business breadth requirements for risk management/insurance majors; and
5. the major area requirements for risk management/insurance majors.

Note: To be eligible to pursue a risk management/insurance major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All risk management/insurance majors must complete the following five 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.

REE 3043 Real Estate (3)
RMI 3011 Risk Management and Insurance (3)
Plus one elective from the following list of courses:
FIN 3244 Financial Markets, Institutions, and International Finance Systems (3)
HFT 3340 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)
RMI 4347 Commercial Risk Management (3)
Plus at least two electives from the following list of courses:
RMI 4135 Employee Benefit Plans (3)
RMI 4205 Advanced Property and Casualty Insurance (3)
RMI 4420 Legal and Political Aspects of Insurance (3)

Students also should consider completing RMI 4308r Seminar in Risk and Its Control (3); topics in this course vary by term. Selection of electives should
be made after consultation with a faculty adviser in order to satisfy the student’s interests and to qualify the student for the state licensing examinations and professional designations.

Real Estate Program

The real estate program provides a foundation for students seeking a broad understanding of the real estate market and its participants. Students are introduced to such concepts as urban economics, market behavior, valuation, finance, investment analysis, and real estate law. In general, the curriculum is designed to develop the fundamental skills necessary to make effective real estate business, investment, and consumption decisions. More specifically, the program equips students to enter a wide variety of real estate related professions (e.g. investment and portfolio analysis, institutional lending and mortgage banking, brokerage, appraisal, property management, and property development).

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. the general business core requirements for real estate majors
4. the general business breadth requirements for real estate majors; and
5. the major area requirements for real estate majors.

Note: To be eligible to pursue a real estate major, students must meet the admission requirements of the College of Business. These admission requirements are described in the “College of Business” chapter of this General Bulletin.

General Business Core Requirements

All real estate majors must complete the following five 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.

REE 3043 Real Estate (3)
RMI 3011 Risk Management and 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 4300 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.

REE 4103 Real Estate Appraisal (3)
REE 4143 Real Estate Market Analysis (3)
REE 4204 Real Estate Finance (3)
REE 4313 Real Estate Feasibility Analysis (3)
REE 4433 Legal Environment of Real Estate (3)

Selection of upper-division electives to satisfy the University-wide total hours requirement should be made after consultation with the student’s faculty adviser.

Definition of Prefixes

BUL—Business Law
REE—Real Estate
RMI—Risk Management/Insurance

Undergraduate Courses

BUL 3310. The Legal 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 Appraisal (3). Prerequisite: REE 3043. The course acquaints the student with the appraisal process and the basics of appraisal language. It also demonstrates the application of a variety of valuation techniques to both residential and income properties.

REE 4143. Real Estate Market Analysis (3). Prerequisites: REE 3043 and REE 4103. (Note: REE 4103 and 4143 cannot be taken concurrently.) Topics in this course include techniques of real estate market analysis, survey research, and applications of computers to real estate problems.


REE 4313. Real Estate Feasibility Analysis (3). Prerequisites: REE 3043 and REE 4103 or REE 4204 or departmental permission. A course synthesizing real estate finance, investment analysis, and project planning. Project oriented, treating the comprehensive feasibility analysis process.

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 (9) semester hours.

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

RMI 4115. Life and Health Insurance Products (3). Prerequisite: RMI 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 in Real Estate (3). Prerequisite: RMI 3011. Study of group insurance problems—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.

RMI 4308R. Seminar in Risk and Its Control (3). Prerequisite: Instructor permission. May be repeated to a maximum of six (6) semester hours.


RMI 4420. Legal and Political Aspects of Insurance (3). Prerequisites: BUL 3310 and RMI 3011. Insurance contracts and marketing—judicial doctrines of contract construction, claims processes, insurance institutions, governmental regulation, and sponsorship of insurance.
Risk Management/Insurance and Real Estate and Program In Business Law

RM 4905r. Directed Individual Study (1–3). May be repeated up to three (3) times.
RM 4970r. Honors Thesis (1–6). Prerequisite: Admission to the honors program. May be repeated to a maximum of nine (9) semester hours. Six (6) semester hours of thesis are required to complete honors in the major.

Graduate Courses
BUL 5810. The Legal and Ethical Environment of Business (4).
BUL 5907r. Directed Individual Study (1–3).
REE 5205. Topics in Real Estate Finance and Appraisal (3).
REE 5209. Advanced Real Estate Finance and Investment (3).
REE 5305. Real Estate Investment (3).
REE 5315. Real Estate Project Feasibility Analysis (3).
REE 5435. Real Estate and Its Legal Environment (3).
REE 5907r. Directed Individual Study (1–3)
REE 5935r. Special Topics in Real Estate (1–3).
RM 5011C. Fundamentals of Risk and Insurance (4).
RM 5136. Employee Benefit Plans (3).
RM 5225C. Property/Liability Insurance Contract Analysis (3).
RM 5345. Risk Management in the Business Enterprise (3).
RM 570C. Insurance Company Operations (3).
RM 572OC. Insurance Accounting and Finance (3).
RM 5810C. Personal Financial Planning (3).
RM 5906r. Directed Individual Study (1–3). (S/U grade only.)
RM 5907r. Special Studies in Management (1–3).
RM 5917r. Supervised Research (1–3). (S/U grade only.)
RM 5935r. Special Topics in Risk Management and Insurance (1–3).
RM 5946r. Supervised Teaching (1–3). (S/U grade only.)
RM 6195. Doctoral Seminar in Insurance: Life/Health Insurance Topics (3).
RM 6296. Doctoral Seminar in Insurance: Property/Liability Insurance Topics (3).
RM 6395. Doctoral Seminar in Risk and Insurance Theory (3).
RM 6917r. Supervised Research in Risk Management and Insurance (1–3). (S/U grade only.)
RM 6946r. Supervised Teaching (1–3). (S/U grade only.)

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

RUSSIAN:
see Modern Languages and Linguistics
Interdisciplinary Program in 
RUSSIAN AND EAST EUROPEAN STUDIES

College of Social Sciences and Public Policy

Director: Lee Metcalf (Social Sciences); Professors: Grant (History), Oldson (History), O’Sullivan (Geography), Wynot (History); Associate Professors: Efimov (Modern Languages and Linguistics), Romanchuk (Modern Languages and Linguistics); Assistant Professor: Wakamuya (Modern Languages and Linguistics); Visiting Professor: Kemalbeygolu (Political Science)

The interdisciplinary program in Russian and East European studies is an international area studies program that is designed to develop a student’s competence in the language, history, culture, and contemporary political and economic setting of a particular country or cultural region. This area studies program is focused on Russia and Eastern Europe. A major or minor in this program serves the needs of: (1) general liberal arts students who wish to learn more about this important area of the world; (2) students who wish to pursue graduate work in this or related fields; and (3) students who seek employment in or related to Russia or Eastern Europe. This program also combines area- or country-specific courses, that give students the needed cultural immersion with more general comparative courses, that provide them with the necessary intellectual tools, the concepts and theories, to make sense out of their particular disciplinary concentrations. Students are to select language and thematic specializations in line with their intellectual interests and career goals and design their program of study around them.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Russian and East European studies satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

Requirements

Students majoring in the program are to construct their study program around four components: (1) a language requirement; (2) a history requirement; (3) area-specific course work that emphasizes one of two tracks; and (4) a concepts and theories tool requirement to be fulfilled in the student’s major track. The total hour requirements for a major are a minimum of twelve 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) distributed across the history requirement and the two tracks. As an interdisciplinary program, no minor is required.

Majors must complete the basic university computer competency requirement. CGS 2060 with a grade of “C–” or better will satisfy this requirement. In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu/ for more information.

Language Requirement

All students are required to take twelve semester hours of course work in a relevant area language (Russian, German, Czech, Serbo-Croatian, or some other East European language). Students will be encouraged to bring their chosen language up to an effective level of proficiency in both reading and speaking by either taking additional course work on Florida State University’s campus or by participating in a semester or summer abroad program in their relevant cultural area that is administered by, affiliated with, or approved by Florida State University, as such programs become available. To encourage the achievement of language proficiency, language course work hours taken beyond the twelve semester hour minimum will be counted toward the required thirty-six semester hours for the major.

History Requirement

Students are required to take a minimum of six semester hours of work in the Russian and East European history courses listed below.

Major and Minor Track Requirements

Students are to select either the social science track or the arts and humanities track as the major focus of their course work. Students are to take a minimum of twelve semester hours of course work from among those area specific courses listed for their major track and a minimum of six semester hours of course work from among those area specific courses listed for their minor track.

Concepts and Theories Tool Requirement

For each of the two tracks, a larger number of concepts and theories courses are listed, selected from the relevant disciplines. Students are to take six semester hours of course work from among those courses listed for their major track. Students should select these courses with some care and in consultation with their academic adviser. Students are encouraged to select from among history- and area-specific courses to complete hours in the major, although additional concepts and theory courses may be used to meet required prerequisites for the social-science track.

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 comparative concepts and theories courses will count toward the eighteen semester hour minimum. Students may select freely from all area specific courses so long as at least three semester hours are taken in history and each of the two tracks.

Approved Courses

Arts and Humanities—Area Specific

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHP 3510</td>
<td>Introduction to Marxist Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>RUS 4930r</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>RUT 3110</td>
<td>Russian Literature in English Translation</td>
<td>3</td>
</tr>
<tr>
<td>RUT 3504</td>
<td>Modern Russian Life</td>
<td>3</td>
</tr>
<tr>
<td>RUT 3523</td>
<td>Russian Cinema</td>
<td>3</td>
</tr>
<tr>
<td>RUW 3100</td>
<td>Survey of Russian Literature I</td>
<td>3</td>
</tr>
<tr>
<td>RUW 3101</td>
<td>Survey of Russian Literature II</td>
<td>3</td>
</tr>
<tr>
<td>RUW 4370</td>
<td>Russian Short Story and Povest</td>
<td>3</td>
</tr>
<tr>
<td>RUW 4470r</td>
<td>Modern Russian Literature</td>
<td>3</td>
</tr>
<tr>
<td>SLL 3500</td>
<td>Slavic Culture and Civilization</td>
<td>3</td>
</tr>
<tr>
<td>SLL 3510</td>
<td>The Slavic Vampire</td>
<td>3</td>
</tr>
</tbody>
</table>

Arts and Humanities—Comparative Concepts and Theories

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2410</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANT 3212</td>
<td>Peoples of the World</td>
<td>3</td>
</tr>
<tr>
<td>ANT 4241</td>
<td>Anthropology of Religion</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2000</td>
<td>Art, Architecture, and Artistic Vision</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3056</td>
<td>History and Criticism of Art I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 3057</td>
<td>History and Criticism of Art II</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2010</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2630</td>
<td>Ethical Issues and Life Choices</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3420</td>
<td>Philosophy of the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3670</td>
<td>Ethical Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3700</td>
<td>Philosophy of Religion</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3800</td>
<td>Philosophy and the Arts</td>
<td>3</td>
</tr>
<tr>
<td>PHI 3882</td>
<td>Philosophy in Literature</td>
<td>3</td>
</tr>
<tr>
<td>PHM 2300</td>
<td>Introduction to Political Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3331r</td>
<td>Modern Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3400</td>
<td>Philosophy of Law</td>
<td>3</td>
</tr>
<tr>
<td>PHM 4340r</td>
<td>Contemporary Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>REL 1300</td>
<td>Introduction to World Religions</td>
<td>3</td>
</tr>
<tr>
<td>REL 3142</td>
<td>Religion: The Self and Society</td>
<td>3</td>
</tr>
<tr>
<td>REL 3170</td>
<td>Religious Ethics and Moral Problems</td>
<td>3</td>
</tr>
<tr>
<td>REL 3505</td>
<td>The Christian Tradition</td>
<td>3</td>
</tr>
</tbody>
</table>

Russian and East European History

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 2035</td>
<td>Hitler and Stalin: Their Era and Legacies</td>
<td>3</td>
</tr>
<tr>
<td>EUH 3551</td>
<td>Modern Poland</td>
<td>3</td>
</tr>
<tr>
<td>EUH 3571</td>
<td>Russia to Nicholas I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 3572</td>
<td>History of Russia: 1825 to the Present</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4233</td>
<td>Rise of Nationalism</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4241</td>
<td>The Holocaust</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4242</td>
<td>World War I: Europe 1900-1918</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4282</td>
<td>Europe in the Cold War and Detente</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4331</td>
<td>East-Central Europe from 1815 to Present</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4332</td>
<td>Balkans Since 1700</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4574</td>
<td>19th-Century Russia</td>
<td>3</td>
</tr>
<tr>
<td>EUH 4576</td>
<td>20th-Century Russia</td>
<td>3</td>
</tr>
<tr>
<td>WOH 4244</td>
<td>World War II</td>
<td>3</td>
</tr>
</tbody>
</table>
Definition of Prefix

EUS—European Studies

Undergraduate Courses

EUS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of nine (9) semester hours.

EUS 4970r. Honors Thesis (1–6). Six (6) hours of credit must be taken in two (2) successive semesters and must result in the production of a thesis. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

EUS 5906r. Directed Individual Study (1–3). (S/U grade only.)

EUS 5910r. Supervised Research (1–3). (S/U grade only.)

For listings relating to graduate course work for thesis and master’s examination and defense, consult the Graduate Bulletin.

SANSKRIT:
see Religion

SCIENCE:
see Secondary Science and/or Mathematics Teaching

SCIENCE EDUCATION:
see Middle and Secondary Education

Social Science Track—Area Specific

CPS 4321 Contemporary Policy Studies: Contemporary Southeast Europe (3)
ECS 4333 Transition of Soviet and Eastern European Economies (3)
GEA 4500 Europe (3)
GEA 4554 Russia and Southern Eurasia (3)
INR 4083 International Conflict (3)

Social Science Track—Comparative Concepts and Theories

CPO 2002 Introduction to Comparative Government and Politics (3)
ECO 2000 Introduction to Economics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)
ECO 3303 History of Economic Ideas (3)
ECO 4704 International Trade (3)
ECO 4713 International Finance (3)
ECS 3003 Comparative Economic Systems (3)
GEA 1000 World Geography (3)
GEO 1400 Human Geography (3)
GEO 3502 Economic Geography (3)
GEO 4420 Cultural Geography (3)
GEO 4471 Political Geography (3)
INR 2002 Introduction to International Relations (3)
INR 3603 Theories of International Relations (3)
INR 4702 Political Economy of International Relations (3)
MAN 3600 Multinational Business Operations (3)
PAD 3003 Public Administration in American Society (3)
POT 3003 Introduction to Political Thought (3)
PSY 2012 General Psychology (3)
PUP 3002 Introduction to Public Policy (3)
SOP 3004 Social Psychology (3)
SYA 4010 Sociological Theory (3)
SYG 1000 Introductory Sociology (3)
SYG 2010 Social Problems (3)
SYO 3530 Social Classes and Inequality (3)
SYP 3000 Social Psychology of Groups (3)
SYP 3350 Collective Action and Social Movements (3)
SYP 3540 Sociology of Law (3)
Department of Scientific Computing

College of Arts and Sciences
Chair: Max D. Gunzburger

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 goal 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. These faculty 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.

Currently the Department does not offer an undergraduate major or minor in scientific computing. However, such programs are under consideration and the interested student should contact the Department or check the departmental Web site at http://sc.fsu.edu/ for the latest information.

Definition of Prefix
ISC—Interdisciplinary Natural Science

Undergraduate Courses
ISC 4933r. Selected Topics in Computational Science (3). Prerequisite: Instructor permission. May be repeated to twelve (12) semester hours.

Graduate Courses
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. Markov Chain Monte Carlo Simulations (3).
ISC 5229. Multiscale Modeling of Materials (3).
ISC 5305. Scientific Programming (3).
ISC 5306. Programming Skills for Computational Biology and Bioinformatics (3).
ISC 5307. Scientific Visualization (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 5906r. Directed Individual Study in Computational Science (1-12).
ISC 5907r. Directed Individual Study in Computational Science (1–3).
ISC 5934. Introductory Seminar on Research 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 8977r. Master’s Thesis Defense (0).
ISC 8982. Dissertation Defense (0).
Interdisciplinary Major in SECONDARY SCIENCE AND/OR MATHEMATICS TEACHING (SSMT)

COLLEGE OF ARTS AND SCIENCES

Director and Adviser: Dr. Ellen Granger, Office of Science Teaching Activities

This interdisciplinary major is designed to address the critical shortage of science and mathematics teachers in the state of Florida. Students completing this four-year program will receive a Bachelor of Science (BS) degree from the College of Arts and Sciences and are qualified for certification to teach in secondary (grades 6-12 certification) schools in Florida and for national certification.

The SSMT program includes several unique features:
1. The condensed pedagogy component frees students to take additional courses in their areas of specialty
2. In most cases, a student will be certified to teach in two areas. This feature prepares teachers for the reality of the secondary school environment, where teachers are often required to teach more than one subject
3. A seminar course addresses specific problems and issues related to science and mathematics teaching at the secondary level.

Students must complete a basic science/math core and courses from one of the six specialty tracks (mathematics/physics, physics/chemistry, physics/earth-space science, biology/chemistry, biology/earth-space science, mathematics/statistics). Each specialty track has been certified as an approved teacher education program by the Florida Department of Education.

Students may elect to obtain a double major by completing the major requirements for any of the individual science or math departments in addition to the program listed above. In most cases, the second major requires about twenty to twenty-six additional semester hours in the department granting the second major, as opposed to a minimum of thirty semester hours of work, should the student decide to obtain a second degree after graduation.

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 second-year science/math core (includes liberal studies, natural science):
1. The condensed pedagogy component frees students to take additional courses in their areas of specialty
2. In most cases, a student will be certified to teach in two areas. This feature prepares teachers for the reality of the secondary school environment, where teachers are often required to teach more than one subject
3. A seminar course addresses specific problems and issues related to science and mathematics teaching at the secondary level.

Important Change in the Program

The Arts & Sciences Secondary Science and/or Mathematics Teaching undergraduate program has been revised and become part of the new FSU-Teach program. During the 2009-10 academic year, all freshmen, sophomores, and juniors interested in becoming science teachers will pursue their degree through the FSU-Teach program. The current Secondary Science and/or Mathematics Teaching program is no longer accepting new students; all students currently in the program will complete their program of studies by the end of Fall 2009. For questions about this transition, please contact the program coordinator, Dr. Ellen Granger, at granger@bio.fsu.edu. For more information about FSU-Teach, please visit http://www.fsu-teach.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 second-year science and/or mathematics teaching satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, 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/navigation/detail_ext/cpp_intro.do?pageld=060304 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 X701

Note: In addition to EDG X701, a minimum of six (6) 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. Plus the following general program prerequisites:
   a. MAC X114
   b. MAC X140
   c. XXX XXXX: fifteen (15) credit hours in the science/mathematics area of specialization; contact the department for details

Note: Courses specified in this category may apply to general education coursework. 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.

Note: The common program prerequisites listed above apply to each of the seven tracks in secondary science/math teacher education.

Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

College Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin. Please refer to the ‘Planning Guide to Teacher Education Program’ section in the “College of Education” chapter of this General Bulletin. Contact the program director for details.

Secondary Science and/or Mathematics Track I: Biology/Chemistry

1. Liberal Studies:
   - See the ‘Teacher Preparation General Education’ section of the “College of Education” chapter of this General Bulletin and the State of Florida common program prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   - BSC 2010 Biological Science I (3)
   - BSC 2010L Biological Science I Laboratory (1)
   - CHM 1045C General Chemistry I (4)
   - PHY 2048C General Physics A (5)
   - OR
   - PHY 2053C College Physics A (4)

3. Modern Language: twelve semester hours (department depends on language selected)

4. Education Core:
   - EDF 4210 Educational Psychology: Developing Learners (3)
   - EDF 4430 Classroom Assessment (3)
   - EME 2040 Introduction to Educational Technology (3)
   - RED 4335 Content Area Reading for Secondary School Teachers (3)
   - SCE 4939r Seminar in Contemporary Science, Mathematics, and Science Education (1)
   - TSL 4324 ESOL Instruction in the Content Area (3)

5. Advanced Courses Required for Specialization:
   - BCH 4053 General Biochemistry I (3)
   - BOT 3015 Plant Biology (2)
   - BSC 2011 Biological Science II (3)
   - BSC 2011L Animal Diversity Laboratory (2)
   - BSC 3402L Experimental Biology Laboratory (2)
   - CHM 1046C General Chemistry II (5)
   - CHM 2210 Organic Chemistry I (3)
   - CHM 2211 Organic Chemistry II (3)
   - CHM 2211L Organic Chemistry II Laboratory (3)
   - PCB 3063 General Genetics (3)
   - PCB 4674 Evolution (3)
   - SCE 4362 Teaching and Learning Science (3)
   - SCE 4944 Student Teaching in Science (10)
   - SCE 4948 Classroom Management and Planning in Science Education (3)
AND
BSC 2086 Anatomy and Physiology II (3)
OR
PCB 2099 Human Physiology (3)
AND
CHM 3120C Introduction to Analytical Chemistry (4)
OR
XXX XXXX Biology Elective (4)

Secondary Science and/or Mathematics Track II: Biology/Earth-Space Science

1. Liberal Studies:
   See the 'Teacher Preparation General Education’ section of the “College of Education” chapter in this General Bulletin and the State of Florida common program prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   BSC 2010 Biological Science I (3)
   BSC 2010L Biological Science I Laboratory (1)
   CHM 1045C General Chemistry I (4)
   AND
   ISC 3076 Science, Technology, and Society (3)
   OR
   PHI 3400 History and Philosophy of Science (3)

3. Modern Language: Twelve semester hours (department depends on language selected).

4. Education Core:
   EDF 4210 Educational Psychology: Developing Learners (3)
   EDF 4430 Classroom Assessment (3)
   EME 2040 Introduction to Educational Technology (3)
   RED 4335 Content Area Reading for Secondary School Teachers (3)
   SCE 4939r Seminar in Contemporary Science, Mathematics, and Science Education (1)
   TSL 4324 ESOL Instruction in the Content Area (3)

5. Advanced Courses Required for specialization:
   MAC 2311 Calculus with Analytic Geometry I (4)
   MAC 2312 Calculus with Analytic Geometry II (4)
   MAC 2313 Calculus with Analytic Geometry III (5) (Optional)
   MAE 4330 How Adolescents Learn Mathematics (3)
   MAE 4335 Teaching High School Mathematics (3)
   MAE 4940 Classroom Management and Planning Instruction in Middle/High School Mathematics (4)
   MAE 4945 Student Teaching in Mathematics (dual Math/Physics internship) (12)
   MAS 3105 Applied Linear Algebra I (4)
   MAS 3301 Introduction to Modern Algebra (3)
   MTG 4212 College Geometry (3)
   PHY 2049C General Physics B (5)
   PHY 3101 Intermediate Modern Physics (3)
   PHY 3221 Intermediate Mechanics (3)
   PHY 3424 Optics (3)
   PHY 3802L Intermediate Laboratory A (1)
   PHY 4905r Directed Individual Study (3) (Optional)
   SCE 4905r Directed Individual Study (1)*
   STA 4442 Introduction to Probability I (3)
   AND
   MAP 2302 Ordinary Differential Equations (3)
   OR
   MAP 3305 Engineering Mathematics I (3)

* Although a variable credit course, the number in parentheses represents the secondary science and/or mathematics teaching requirement.

Secondary Science and/or Mathematics Track IV: Mathematics/Statistics

1. Liberal Studies:
   See the ‘Teacher Preparation General Education’ section of the “College of Education” chapter in this General Bulletin and the State of Florida common program prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   BSC 2010 Biological Science I (3)
   CGS 3408 Introduction to Programming with the C Language (3)
   CHM 1045C General Chemistry I (4)
   PHY 2048C General Physics A (5)
   AND
   ISC 3076 Science, Technology, and Society (3)
   OR
   PHI 3400 History and Philosophy of Science (3)

3. Modern Language: Twelve semester hours (department depends on language selected).

4. Education Core:
   EDF 4210 Educational Psychology: Developing Learners (3)
   EDF 4430 Classroom Assessment (3)
   EME 2040 Introduction to Educational Technology (3)
   RED 4335 Content Area Reading for Secondary School Teachers (3)
   SCE 4939r Seminar in Contemporary, Mathematics, and Science Education (1)
   TSL 4324 ESOL Instruction in the Content Area (3)

5. Advanced Courses Required for specialization:
   MAC 2311 Calculus with Analytic Geometry I (4)
   MAC 2312 Calculus with Analytic Geometry II (4)
Secondary Science and/or Mathematics Track V: Physics/Chemistry

1. Liberal Studies:
   See the 'Teacher Preparation General Education' section of the "College of Education" chapter in this General Bulletin and the State of Florida common program prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   - BSC 2010 Biological Science I (3)
   - CHM 1045C General Chemistry I (4)
   - PHY 2048C General Physics A (5)
     AND
   - ISC 3076 Science, Technology, and Society (3)
   OR
   - PHI 3400 History and Philosophy of Science (3)

3. Modern Language: Twelve semester hours (department depends on language selected).

4. Education Core:
   - EDF 4210 Educational Psychology: Developing Learners (3)
   - EDF 4430 Classroom Assessment (3)
   - EME 2040 Introduction to Educational Technology (3)
   - RED 4335 Content Area Reading for Secondary School Teachers (3)
   - SCE 4939r Seminar in Contemporary Science, Mathematics, and Science Education (1)
   - TSL 4324 ESOL Instruction in the Content Area (3)

5. Advanced Courses Required for Specialization:
   - CHM 1046 General Chemistry II (3)
   - CHM 1046L General Chemistry Lab (0)
   - CHM 2112 Organic Chemistry I (3)
   - CHM 3400 General Physical Chemistry (4)
   - MAC 2311 Calculus with Analytic Geometry I (4)
   - MAC 2312 Calculus with Analytic Geometry II (4)
   - PHY 2048C General Physics A (5)
   - PHY 3101 Intermediate Modern Physics (3)
   - PHY 3424 Optics (3)
   - PHY 3802L Intermediate Laboratory A (1)
   - PHY 4905r Directed Individual Study (3) (Optional)
   - SCE 4362 Teaching and Learning Science (3)
   - SCE 4944 Student Teaching in Science (10)
   - SCE 4948 Classroom Management and Planning in Science Education (3)
     AND
   - BCH 3023C Introduction to Biochemistry (3)
     OR
   - BCH 4053 General Biochemistry I (3)
   
   Choice of:
   - MAP 3305 Engineering Mathematics I (3)
     AND
   - PHY 3221 Intermediate Mechanics (3)
     OR
   - CHM 2211 Organic Chemistry II (3)
     AND
   - CHM 2211L Organic Chemistry II Laboratory (3)

Secondary Science and/or Mathematics Track VI: Physics/Earth-Space Science

1. Liberal Studies:
   See the 'Teacher Preparation General Education' section of the "College of Education" chapter in this General Bulletin and the State of Florida common program prerequisites listed above.

2. Science/Math Core (includes liberal studies, natural science):
   - CHM 1045C General Chemistry I (4)
   - PHY 2048C General Physics A (5)
     AND
   - ISC 3076 Science, Technology, and Society (3)
   OR
   - PHI 3400 History and Philosophy of Science (3)

3. Modern Language: Twelve semester hours (department depends on language selected).

4. Education Core:
   - EDF 4210 Educational Psychology: Developing Learners (3)
   - EDF 4430 Classroom Assessment (3)
   - EME 2040 Introduction to Educational Technology (3)
   - RED 4335 Content Area Reading for Secondary School Teachers (3)
   - SCE 4939r Seminar in Contemporary Science, Mathematics, and Science Education (1)
   - TSL 4324 ESOL Instruction in the Content Area (3)

5. Advanced Courses Required for Specializations:
   - AST 3033 Recent Advances in Astronomy and Cosmology (3)
   - GLY 2010C Physical Geology (4)
   - MAC 2311 Calculus with Analytic Geometry I (4)
   - MAC 2312 Calculus with Analytic Geometry II (4)
   - MAP 3305 Engineering Mathematics I (3)
   - MET 2700 General Meteorology (2)
   - PHY 2049C General Physics B (5)
   - PHY 3101 Intermediate Modern Physics (3)
   - PHY 3221 Intermediate Mechanics (3)
   - PHY 3424 Optics (3)
   - PHY 3802L Intermediate Laboratory A (1)
   - SCE 4362 Teaching and Learning Science (3)
   - SCE 4944 Student Teaching in Science (10)
   - SCE 4948 Classroom Management and Planning in Science Education (3)
   - XXXX Earth/Space Science Electives (6) (GLY 4905, MET 4905 or OCE 4905 strongly recommended)
   - OCE 4011 Principles of Oceanography (3)
     OR
   - OCE 5009 Advanced General Oceanography (3)

FSU-Teach Program in Science or Mathematics Education

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 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.

Graduate Courses

The Office of Science Teaching offers a Master’s in Science Teaching (MST) combined with a Bachelor’s degree in one of the science disciplines (biology, chemistry, physics) or secondary science and/or mathematics teaching. Degree candidates follow a prescribed course of study to earn both the bachelor’s and master’s degrees. For detailed information about the programs and admission and program requirements for the MST program, consult the Graduate Bulletin, or visit http://bio.fsu.edu/ssmt/.

SERBO-CROATIAN; SLAVIC;
see Modern Languages and Linguistics
Interdisciplinary Program in 
SOCIAL SCIENCE

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 (2) introductory courses for six (6) credit hours in a social science discipline

Note: General requirements for all social sciences: the State University System and the Community Colleges advise students to:

1. Complete General Education 36 hours;
2. Complete Foreign Language requirement;
3. Complete Gordon Rule requirement of 24,000 words;
4. Complete Gordon Rule requirement in math by taking 2 courses, one of which must be pure math.

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 with 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 course work applied to the major must be maintained.

Students may also, rather than selecting courses in the manner identified above, seek an interdisciplinary concentration in four topical areas of study. These are environmental affairs, law and society, urban studies, and public service. Each of these concentrations are multicourse programs focusing on the named topics. For details about these concentrations, see the program director.

 Majors must complete the basic university computer competency requirement, CGS 2060 with a grade of “C–” or better will satisfy this requirement.

In addition to a 2.0 overall GPA, all students must meet “mapping” requirements. See http://academic-guide.fsu.edu/ for more information.

Degrees

The courses of study offered by the interdisciplinary program in social science lead to the Bachelor of Arts (BA) and Bachelor of Science (BS) degrees.

Requirements for a Minor 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 course work in interdisciplinary social science participating departments, which include interdisciplinary social science, anthropology, economics, geography, history, political science, sociology, and urban and regional planning.

Honors in the Major

The ISS program participates in the upper-division honors in the major. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Definition of Prefixes

CPS—Comparative Policy Studies

ISS—Interdisciplinary Social Sciences

Undergraduate Courses


CPS 4905r. Directed Individual Study (3). May be repeated to a maximum of nine (9) semester hours.

ISS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of six (6) semester hours.

ISS 4906r. Directed Individual Study (3). May be repeated to a maximum of six (6) semester hours.

ISS 4907r. Honors Work (1–6). May be repeated to a maximum of nine (9) semester hours.

ISS 4931r. Special Topics (1–3). May be repeated with permission of the director of the interdisciplinary program in social science to a maximum of eighteen (18) semester hours.

ISS 4944r. Internship (3–6). Students are placed in a variety of employment situations related to their academic interest and conduct, under faculty supervision, research related to a problem or issue facing the sponsor of the internship. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

CPS 5424. Research Seminar in Comparative Political and Administrative Organization (3).

CPS 5906r. Directed Individual Study (3). (S/U grade only.)

CPS 5911r. Supervised Research (1–5). (S/U grade only.)

ISS 5125. Introduction to Economics for Executives (3).

ISS 5326. Marketing in the Public and Nonprofit Sector (1–3).

ISS 5386. Information and Communication Management (3).

ISS 5905. Direct Individual Study (3).

ISS 5930r. Special Topics in Social Science (1–3).

ISS 5945. Internship (3–6).

ISS 5942r. Supervised Teaching (1–3). (S/U grade only.)

ISS 5951r. Problem Analysis Project (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
This course addresses the philosophy, history, and services of social welfare and the purpose, objectives, values, ethics, methods, and practice settings of the profession of social work. Emphasis is given to the role that social work and social welfare policies play in promoting social and economic justice for oppressed groups.

SOW 3530. 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 helping professions 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 also 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 covered, especially as they relate to healthy human development and promote social and economic justice while practicing as a social worker.

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 sexuality, social groups, sexuality, and society, 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 groups. The course examines the development of communication skills, the dynamics of group process, group leadership, group composition, structure, dynamics, goal setting, and evaluation. Content also includes examining the empirical bases of a range of theories and models for social work group practice.

SOW 4341. Social Work Practice I (4). Prerequisites: SOW 1054, 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 of social work practice are examined, along with application of problem-solving, generalist social work values, and knowledge to promote social and economic justice while practicing as a social worker.

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 emerging practice of social networking are examined.

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 skills 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 4370. Supervised Visitation (3). (S/U grade only.) In this course, students have the opportunity to be involved in supervised visitation in conjunction with the Florida Department of Children and Families. The course is conducted in a practice format with training and mandatory weekly supervised visitation. The students observe visitation, learn and analyze policies, and integrate an understanding of child abuse, neglect, and family dynamics.

SOW 4403. Introduction to Social Work Research (3). 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 about social work practice settings 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 3350. This course introduces students to quantitative tools used to describe and interpret data used 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, social programs, and social systems. Students learn to plan and conduct analyses by using an understanding of social work values and ethics. Specific topics to be covered in class include descriptive statistics, basic probability, confidence intervals, hypothesis testing, analysis of variance, correlation, and regression.
This course enhances student understanding of the roles that social workers play in health settings, the structure of health care delivery systems, organizational and professional ethics and standards, challenges we face in health care 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 upon broad coverage of all-important aspects of child abuse, incest, intimate partner violence, rape, and elder abuse. This course is appropriate for students who wish to gain skill in detecting and responding to situations for clients, sexual assault victims, 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 multicultural competence. Students are encouraged to discuss the intricacies of their own particular diverse dominant and minority social statuses and their relations to other persons, especially future social work clients. Although the course is not designed to train students in particular practice skill sets, emphasis is placed on enhancing respectful and empathetic 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 the 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 gerontological social work. Topics cover the demography of aging and the physical, cognitive, and psychosocial aspects of aging; social and health-care policies that impact older persons and the aging network of services; the impact of ageism, sexism, racism, ableism, and homophobia on our work with older people; as well as the promotion of dignity, self-determination, and socioeconomic justice for older people.

SOW 4647. Physical Aspects of Aging (3). This course covers age and health demography, as well as factors related to aging and health. Topics include basic cellular and molecular theories of aging, how the human body’s organs typically change over time, pathologies associated with aging, as well as psychological responses to normal and pathological changes.

SOW 4656. Child Welfare Practice (3). This course provides a framework of values, knowledge, and skill necessary to practice with vulnerable children and their families. The major focus is on social work in public child welfare agencies and children’s mental health agencies. The course utilizes an ecosystems perspective for understanding and assessing the special needs of at-risk children and families.

SOW 4658. Mental Health and Child Welfare (3). This course provides students with knowledge and skills necessary for the understanding and implications of child and adolescent maltreatment for child development and psychopathology.

SOW 4665. Theory and Practice of Social Work in Criminal Justice Settings (3). This course focuses on criminal theories and on the development of both evidence-based and generalist social work practice skills pertinent to working in criminal-justice settings, alongside the individuals in the criminal-justice system. Focus is placed on theory and practice for social workers in corrections, prisoner-reentry programs, and juvenile-justice settings. The course covers the philosophy and practice of restorative justice and victim-offender mediation programs, emphasizing the needs of both offenders and victims.

SOW 4680. Living with AIDS: Prevention, Intervention and Care (3). This course provides a comprehensive overview of the biopsychosocial implications of HIV/AIDS. Topics include the origins of the illness, its prevalence and spread throughout world cultures, and its impact on the individual and society.

SOW 4702. Chemical Dependency Problems and Programs (3). This course covers the etiology and epidemiology of drug abuse and behavioral consequences of drug abuse, treatment approaches, and major policies and programs. Special attention is directed toward drug use in special populations, such as women, racial and ethnic minorities, gays and lesbians, persons with disabilities, and the elderly.

SOW 4784. International Social Work and Social Welfare (3). The course prepares students for international social work practice and for transitional work with immigrants, refugees, international migrants, etc. It introduces international perspectives in the social-work field and offers varied examples of social-work practice in the U.S., and in Western, Central European, and Caribbean nations. The course examines the impact of the global interdependence on social-work practice and policy and helps students learn to critically analyze varied practice approaches utilized in dealing with international welfare issues.

SOW 4905r. Directed Individual Study (1–4). Prerequisites: Eight (8) credit hours in social work, a 2.75 GPA, and Instructor permission. May be repeated to a maximum of eight (8) semester hours.

SOW 4911r. Honors Work in Social Work (1–6). Prerequisites: Junior standing, a 3.2 or higher GPA, and at least one semester of twelve (12) or more semester hours; junior college transfers with membership in Phi Theta Kappa may be admitted directly. A thesis, completed over a period of two or three semesters, based on the thesis publication and related research analysis. May be repeated to a maximum of nine (9) semester hours.

SOW 4933r. Seminar in Social Work: Selected Topics (3). May be repeated to a maximum of twelve (12) semester hours as topics change.

Graduate Courses

SOW 5010. Human Behavior and the Social Environment I (3).
SOW 5019. Women’s Issues and Social Work (3).
SOW 5125. Psychopathology in Clinical Practice (3).
SOW 5153. Human Sexuality (3).
SOW 5235. Policies and Programs in Social Services (3).
SOW 5238. Advanced Policy Analysis (3).
SOW 5281. Ethics In Social Work Practice (3).
SOW 5282. Legislative Advocacy (3).
SOW 5308. Social Work Practice (3).
SOW 5324. Group Treatment in Social Work Practice (3).
SOW 5334. Organization and Community System Change (3).
SOW 5335. Theories and Models of Social Work Practice (3).
SOW 5340. Theory and Practice of Poetry Therapy (3).
SOW 5345. Advanced Social Services Administration (3).
SOW 5353. Marital and Couple Counseling in Social Work Practice (3).
SOW 5367. Theory and Practice of Crisis Intervention (3).
SOW 5369. Integrative Seminar in Advanced Social Work Practice (3).
SOW 5374. Supervised Visitation (3). (S/U grade only.)
SOW 5376. Budgeting and Finances in the Social Services (3).
SOW 5377. Personnel Administration in the Social Services (3).
SOW 5404. Introduction to Social Work Research (3).
SOW 5545. Grant Writing and Grant Management (3).
SOW 5532r. Graduate Field Instruction I (5–10). (S/U grade only.)
SOW 5535r. Graduate Field Instruction II (6–12). (S/U grade only.)
SOW 5537r. Field Instruction: Special Placement (3–12). (S/U grade only.)
SOW 5563. Social Work in Health Settings (3).
SOW 5561. Family Counseling in Social Work (3).
SOW 5514. Family Life Education (3).
SOW 5623. Social Work with Black Families (3).
SOW 5628. Mental Health of Diverse Populations (3).
SOW 5635. The Social Worker in the Public School System (3).
SOW 5646. 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 5688. Living with AIDS: Prevention, Intervention and Care (3).
SOW 5712. Chemical Dependency Problems and Programs (3).
SOW 5745. Seminar on Loss and Bereavement (3).
SOW 5908r. Directed Individual Study (1–4). (S/U grade only.)
SOW 5915r. Supervised Research (1–3).
SOW 5938r. Social Work Seminars: Selected Topics (3).
SOW 5941r. Supervised Teaching (1–3). (S/U grade only.)
SOW 6399. Social Policy Analysis (3).
SOW 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 6480. Introduction to 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 6916r. Supervised Research (1–6). (S/U grade only.)
SOW 6930. Teaching Seminar and Practicum (1–4). (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 course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of
SOCIOLOGY

COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Chair: Irene Padavic; Professors: Carlson, Eberstein, Keith, Padavic, Quadagno, Turner; Associate Professors: Barrett, Brewster, Reynolds, Schrock, Simon; Assistant Professors: Lloyd, McCabe, Rohlinger, Starks, J. Taylor, M. Taylor, Tilling, Tope; Visiting Instructor: Lessan; Professors Emeriti: Fendrich, Ford, Hardy, Hazelfigg, Isaac, Kinloch, Martin, Nam, Orcutt; Affiliate Faculty: Barker, Chiricos, Hinterlong, Miles, Milton

Few fields have as broad a scope as sociology, the study of human groups and social life. The sociology major’s interests range from the nuclear family to the many types of societies, from crime to religion, from the divisions of race and class to the integrating symbols of culture, from the sociology of occupations to politics. At Florida State University, the Department of Sociology examines all of these matters and others. Current research is ongoing in such diverse areas as gender, ethnicity, the welfare state, and population.

There are several reasons for pursuing a sociology degree. First, sociology addresses circumstances and events that affect students’ lives today and in the future. Second, a sociology major provides a broad-based, liberal arts education that promotes understanding and sharpens analytical skills. Third, a sociology major is excellent preparation for a career in professions that require an ability to think and write analytically. Sociology graduates have found employment in academia, business, law, medicine, politics, and government. Fourth, sociology prepares students for advanced graduate work in anticipation of careers in research and teaching.

Sociology majors learn how to analyze the hiring, termination, and promotional practices of organizations; anticipate the changes humans will undergo in their life; practice market research; detect social trends; analyze statistical data; evaluate public policies; assess the impact of technological innovations; interpret political and social change in the world system; conduct surveys and interpret their results; project fertility and mortality patterns; and appreciate classic theories of social order and change.

The facilities and resources available to sociology majors include access to the microcomputer lab in the College of Social Sciences and Public Policy and opportunities to work closely with faculty on research projects. The department provides a wide range of courses on important aspects of social life, leading to greater understanding of human society and a variety of skills that are increasingly essential for citizens in a postindustrial, information-based, and rapidly changing global society.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in sociology satisfy this requirement by earning a grade of “C-” or higher in CGS 2060, CGS 2064, or CGS 2100.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 XXX or SYD XXX or SYG XXX or SYO XXX or SYP XXXX: two (2) lower level courses

Note: General requirements for all social sciences: the State University System and the Community Colleges advise students to:

1. Complete General Education 36 hours;
2. Complete Foreign Language requirement;
3. Complete Gordon Rule requirement of 24,000 words;
4. Complete Gordon Rule requirement in math by taking 2 courses, one of which must be pure math.

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—Sociology of 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 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

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?
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, the study of norms, group pressure, leadership, motivation, and social personality.

SYP 3350. Collective Action and Social Movements (3). This course emphasizes 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 creating 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

SYO 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). This course introduces students 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 United States, especially those being deviant 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 participation. The course applies sociological theories of race/ethnicity to the past and current developments.

SYD 4794. Problems in American Society (3). This course uniquely addresses the way in which issues of inequality, poverty, labor, markets and work, urban problems, and discrimination are intertwined to produce continuing problems in American society.

SYG 2010. Social Problems (3). This course examines the study of various contemporary social problems in an urbanized society, which may include such objects as education in 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 explores 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 deviants, and social conflict over definition and treatment of deviance.

Social Organization

SYO 3600. The Community in Urban Society (3). An introduction to the community as a changing form of social organization with emphasis on community field studies (ethnographies), theories of communal organization, and the study of community-specific processes such as power distribution and decision making, conflict, stratification, and the dynamics of land-use change. Special attention is given to the study of the metropolitan community in U.S. society and its inner city and suburbs.

SYO 3200. Sociology of Religion (3). A basic sociological perspective on the social organization and forms of religious life in modern society. Religious groups are studied as organizations that contribute to social stability, social conflict, and social change.

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 3530. Social Classes and Inequality (3). Basic theory of social stratification is presented and used in description of the stratification system in the United States and other nations. Opportunity for social mobility in the social structure is assessed and compared with rates of mobility in other countries.

SYO 4300. Sociology of Politics (3). This course deals with American political institutions, political organizations, pressure groups, and the public’s participation in political processes. Discussion focuses on current political issues from a sociological perspective.

SYO 4350. Sociology of Business, Labor, and Government (3). The primary focus of this course is on the interrelationships among business and production organizations, labor interests and struggles, and the state and state policies, from both 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 Working World (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 (6). Consent of instructor and departmental chair required. May be repeated to a maximum of nine (9) semester hours.

SYA 4930r. Selected Topics in Sociology (3). May be repeated to a maximum of nine (9) semester hours.

SYA 4931r. Honors Work (3). May be repeated to a maximum of nine (9) semester hours.

SYA 4932r. Tutorial in Sociology (1). Prerequisite: Upper-division sociology major or minor status. Reading and analysis of primary literature on selected topics in contemporary sociology. May be repeated to a maximum of three (3) semester hours.

Graduate Courses

Sociological Theory

SYA 5018. Classical Social Theory (3).

SYA 5126. Contemporary Sociological Theory (3).

Research Methodology

SYA 5305. Introduction to Research Methods (3).

SYA 5315. Qualitative Research Methods in Sociology (3).

SYA 5406. Multivariate Analysis (3).

SYA 5407. Advanced Quantitative Methods (3).

SYA 5455. Social Statistics and Data Analysis (3).

SYA 5515. Sociological Research Practicum (1). (S/U grade only.)

SYA 5516. Reporting Sociological Research (3). (S/U grade only.)

SYA 6936r. Selected Topics in Research Methods (3).

Area Courses

DEM 5906r. Directed Individual Study (1–3). (S/U grade only.)

DEM 5910r. Supervised Research (1–5). (S/U grade only.)

DEM 5930r. Special Topics in Demography (3).

DEM 5972r. Master’s Research Paper in Demography (3–6). (S/U grade only.)

DEM 8977. Master’s Research Paper Defense (0). (S/U grade only.)

SYA 5326. Injury Epidemiology (3).

SYA 5355. Comparative Historical Sociology (3).

SYA 5625. Proseminar in Sociology (0–3). (S/U grade only.)

SYA 6660. Teaching at the College Level in Sociology (3).

SYA 6912. Epidemiology Research Paper (6). (S/U grade only.)

SYA 6938r. Selected Topics in Social Institutions, Social Organization, and Social Policy (3).

SYP 5045. Introduction to Demography (3).

SYP 5105. Population Theory (3).

SYP 5134. Environmental Epidemiology (3).

SYP 5135. Techniques of Population Analysis (3).

SYP 5136. Life Course Epidemiology (3).
Sociology  419

SYD 5137. Fundamentals of Epidemiology (3).
SYD 5138. Infectious Disease Epidemiology (3).
SYD 5139. Chronic Disease Epidemiology (3).
SYD 5215. Mortality (3).
SYD 5225. Fertility (3).
SYD 5705. Sociology of Race and Ethnicity (3).
SYD 5817. Contemporary Theories of Gender (3).
SYD 5107. Sociology of the Family (3).
SYD 5177. Family Demography (3).
SYO 5306. Political Sociology (3).
SYO 5335. Sociology of Political Economy (3).
SYO 5376. Sociology of Gender and Work (3).
SYO 5405. Health Institutions and Social Policy (3).
SYO 5416. Stress and Mental Health (3).
SYO 5426. Gender and Mental Health (3).
SYO 5535. Inequalities: Race, Class, Gender (3).
SYO 5547. Race and Gender in Organizations (3).
SYO 6407. Race, Ethnicity and Health (3).
SYO 6506r. Advanced Research Seminar in Social Organization (3–9).
SYO 6538r. Advanced Research Seminar in Stratification and Inequality (3–9).
SYP 5005. Social Interaction (3).
SYP 5006. Identity and the Self (3).
SYP 5007. Sociology of Emotion (3).
SYP 5305. Collective Behavior and Social Movements (3).
SYP 5447. Sociology of National Development (3).
SYP 5516. Sociological Theories of Deviance (3).
SYP 5733. Social Psychology of Aging (3).
SYP 5735. Sociology of Aging (3).
SYP 5737. The Dynamics of Aging and Social Change (3).
SYP 6356. Sociology of the Contemporary Women’s Movement (3).

Others
SYA 5645. Critical Thinking and Proposal Preparation (3).
SYA 5907r. Directed Individual Study (3). (S/U grade only.)
SYA 5909r. Directed Individual Study (1–3). (S/U grade only.)
SYA 5912r. Supervised Research (1–5). (S/U grade only.)
SYA 5946r. Supervised Teaching (1–5). (S/U grade only.)
SYA 6933r. Selected Topics in Sociology (3).
SYA 8945r. Doctoral Review Paper (1–12). (S/U grade only.)

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

SPANISH:
see Modern Languages and Linguistics
Department of SPORT MANAGEMENT, RECREATION MANAGEMENT, AND PHYSICAL EDUCATION

COLLEGE OF EDUCATION
Chair: Cheryl S. Beeler; Professor: Lynn; Associate Professors: Beeler, Dunn, Fletcher, James, Mondello, Ratcliffe; Assistant Professors: Kim, Rudd; Associate in Recreation and Leisure Services: Kwee; Associates in Physical Education: Nobles, Reynaud, Assistant in Recreation and Leisure Services Administration: Prince; Assistants in Physical Education: Graf, Mosier; Professors Emeriti: Burton, Cannon, Everett, Fox, Inwold, Jones, Mundy, Veller, Wells

The Department of Sport Management, Recreation Management, and Physical Education offers (1) a Bachelor of Science (BS) degree in physical education with two majors, one leading to K-12 teacher certification in physical education, and one in sport management as well as (2) a Bachelor of Science (BS) degree in recreation and leisure services administration.

Students seeking admission to any of the department’s majors must have a 2.5 GPA in all college coursework and a “C” in all math and English courses. All students seeking admission to upper-division programs must have passing or exemption scores on all four subtests of the Florida College Level Academic Skills Test (CLAST). For the sport management program, a minimum grade of “C–” or better must be earned in each departmental prerequisite and program course in order to move on to the next course in the program sequence. Applicants to the physical education teacher certification program must have passing scores on the Florida Teacher Certification Exam (FTCE) General Knowledge Test to be considered. A minimum grade of “C–” or better must be earned in each departmental prerequisite and program course in order to move on to the next course in the program sequence. If at any point a student has a combination of three “D”s and “F”s, the student may be dismissed from the program. Please refer to the ‘Teacher Preparation General Education Requirements’ section of the “College of Education” chapter in this General Bulletin for additional details.

The department utilizes centralized advising procedures and all entering students must be advised by the designated coordinator of undergraduate studies for each specific program. The recreation management program also assigns all new students to a faculty member who serves as an adviser throughout each student’s course of study.

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of Educator Preparation Programs.

Inventory of State-Approved Initial Certification Programs

The following program has been approved by the Florida Department of Education (DOE) as Initial Certification Teacher Preparation Programs at the baccalaureate level: Physical Education (Grades K-12, DOE Certification Area 424)

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. Undergraduate majors in recreation and leisure services administration satisfy this requirement by earning a grade of “C–” or higher in CGS 2060 or CGS 2100. Undergraduate majors in physical education teacher certification satisfy this requirement by earning a grade of “C–” or higher in EME 2040.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 and Leisure Services Administration—Professional

1. DEP X004 or RCS X061
   Note: RCS X061 must be a human growth and development across the life span course.

Physical Education (Sport Management)

1. FIN XXXX or MAR XXXX or GEB XXXX: one (1) course for three (3) credit hours
2. MAN XXXX or BUL XXXX or CGS XXXX or STA XXXX or ACG XXXX or REE XXXX: one (1) course for three (3) credit hours
3. HFT XXXX or RMI XXXX or ECO XXXX or SDS XXXX or COM XXXX: one (1) course for three (3) credit hours
4. PET X303C or BSC X085/X085L
5. PET X622C

Physical Education Teaching and Coaching

1. EDF X005
2. EDG X701
   Note: In addition to EDG X701, a minimum of six (6) 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. Plus the following general program prerequisites:
   a. Three to four (3–4) semester hours of anatomy and physiology I with lab
   b. Three to four (3–4) semester hours of care and prevention of athletic injuries or anatomy and physiology II with lab
   c. Four to five (4–5) semester hours of skill development courses in physical activity
   d. Three (3) semester hours of conditioning, fitness, and wellness courses in physical activities
   Note: Courses specified in this category may apply to general education coursework. 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.
   Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

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.

Teacher Certification Program

The teacher certification program provides the academic course work and the pre-professional public school experience necessary to become an effective teacher of physical education. Course work is arranged in a specific four-semester sequence designed to culminate in student teaching. The placement of student teachers will be concentrated in area I. The course of study leading to a baccalaureate degree and teacher certification encompasses three areas of work: (1) required block and foundation courses; (2) required elementary and secondary courses; and, (3) professional education requirements. Additionally, all physical education teacher certification majors are required to take TSL 4324, RED 4335, and EDF 4210. New admissions to the physical education program must meet current state requirements.
program occur only in the Fall semester; students should work closely with an adviser to plan completion of basic requirements around the Fall timetable.

A GPA of 2.5 is required for admission to the program and must be maintained for eligibility to student teach in the final semester. All students must meet the requirements for admission to teacher education and professional education, which are explained in the "College of Education" chapter of this General Bulletin. Applicants must submit a completed application for the physical education program to the Office of Academic Services (Suite 2301 Stone Building) no later than March 15 of the Summer term preceding Fall entry to the major.

Recreation and Leisure Services Administration

The Recreation and Leisure Services Administration (RLSA) program offers courses leading to the Bachelor of Science (BS) and Master of Science (MS) degrees in Recreation and Leisure Services Administration. The undergraduate program is nationally accredited by the National Recreation and Park Association’s Council on Accreditation, sponsored by the National Recreation and Park Association. The Bachelor’s degree is designed to prepare individuals for professional positions in such settings as special events management, outdoor recreation, resort and commercial recreation, corporate and employee recreation, public park and recreation, church, youth-serving and military agencies, fitness, sport management, 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, outdoor recreation specialists, adult and youth sports supervisors, administrators, activities directors, special events coordinators, fitness specialists, and guest service coordinators.

An accelerated Master’s degree program is available to RLSA undergraduates with eligible standing (90 degree hours and 3.0 FSU GPA). Seniors may undertake the combined-credit option and complete up to 12 hours of selected graduate-level courses to be applied to the Master’s degree. These 12 credits will be applied to both the undergraduate 120-hour requirement and the 32-hour graduate requirement, leaving the student with approximately 7 courses (to total at least 20 credit hours) and a comprehensive examination for completion of the Master’s degree. Students pursuing the combined-credit option during the undergraduate program must meet College and University requirements for graduate admission, including submission of a GRE score and graduate application.

At the graduate level, the Master’s degree is designed to prepare individuals for administrative and management positions of recreation/leisure/park agencies. Students may select one of many curricular concentrations, such as event management, public administration, gerontology, or college teaching. The graduate curriculum is designed to meet the interests and needs of the students. Course work may be designed for other specialty areas, such as outdoor adventure recreation, special events management, and commercial/resort recreation.

Admission

Applicants for admission to Florida State University must also apply directly to the recreation and leisure services administration program. Admission to the undergraduate program is based upon: (1) formal application and interview; and (2) successful completion of the required State of Florida common program prerequisites and a passing score on each section of the CLAST.

For application materials, contact: Undergraduate Coordinator, Recreation and Leisure Services Administration, 200 Tully Gym, Florida State University, Tallahassee, FL 32306-4280 or visit http://www.fsu.edu/~smrmpe/programs/rma/admission.htm.

Degree Requirements

To earn a Bachelor’s degree in Recreation and Leisure Services Administration, students must successfully complete a minimum of sixty semester hours at the upper-division level. The sixty semester hours include: (1) thirty semester hours of required course work: LEI 3004, 3140, 3420, 3403, 3435, 4551, 4524, 4551, 4602, 4881, 4930; (2) two semester hours of fieldwork: LEI 4921r; (3) fifteen semester hours of internship: LEI 4940r; (4) twelve semester hours of approved specialization coursework; and (5) four semester hours of prerequisite coursework. Students must be certified in first aid/CPR prior to enrolling in LEI 4940 Internship in Leisure Services.

To be eligible for the internship, which is scheduled the last semester of the program of study, students must have earned a 2.5 cumulative GPA in all college course work and a 2.5 GPA in all core courses bearing the prefix LEI. A minimum grade of “C–” or better must be earned in all program course work.

Sport Management Program

The sport management program provides academic course work necessary to prepare a person to pursue a graduate degree in sport management or entry-level employment in a variety of work environments. The course of study leading to a baccalaureate degree with a major in sport management encompasses three areas of work: (1) required block and foundation courses; (2) business practices; and (3) electives. Prerequisites for sport management may be selected from 2000-level business and/or economics classes. Students may only enter the sport management program at the beginning of the Fall semester.

Noncredential/Nondegree Program

Coaching Specialization

The course of study for a specialization in coaching includes PEO 2013; PTE 2303C, 2622C, 4203, 4300; and at least two of the following: PEO 2624, 3219, 3644; PEP 3304. In addition, students must hold a current cardiopulmonary resuscitation (CPR) certification at the completion of the program. A minimum grade of “C–” must be earned in all program work. Students are provided an additional option of obtaining a national certification within this specialization through the American Coaches Education Program (ACEP).

Definition of Prefixes

LEI—Leisure

PEL—Physical Education Activities (General): Land-Object Centered

PEM—Physical Education Activities (General): Land-Performance Centered

PEN—Physical Education Activities (General): Water, Snow, Ice

PEO—Physical Education Activities (Professional): Land-Object Centered

PEP—Physical Education Activities (Professional): Land-Performance Centered

PET—Physical Education Theory

SPM—Sports Management

Undergraduate Courses

Elective Courses for Non-majors

Note: The courses with the repeat designation of “r” may be repeated for a maximum of four semester hours.

LEI 1264 r Backpacking (1). (S/U grade only.)

LEI 1267 Canoeing/Kayaking (1). (S/U grade only.)

LEI 1269 Rock Climbing (1). (S/U grade only.)

PEL 1111r Bowling (1). (S/U grade only.)

PEL 1121r Golf (1). (S/U grade only.)

PEL 1124r Varsity Golf (1). (S/U grade only.)

PEL 1124r Varsity Softball (1). (S/U grade only.)

PEL 1219r Varsity Baseball (1). (S/U grade only.)

PEL 1219r Varsity Volleyball (1). (S/U grade only.)

PEL 1341r Tennis (1). (S/U grade only.)

PEL 1344r Varsity Tennis (1). (S/U grade only.)

PEL 1441r Racquetball (1). (S/U grade only.)

PEL 1511r Soccer (1). (S/U grade only.)

PEL 1544r Varsity Soccer—Women (1). (S/U grade only.)

PEL 1621r Basketball (1). (S/U grade only.)

PEL 1624r Varsity Basketball (1). (S/U grade only.)

PEL 1644r Varsity Football (1). (S/U grade only.)

PEL 1646r Flag Football (1). (S/U grade only.)

PEL 1650 Ultimate Frisbee (1). (S/U grade only.)

PEM 1101r Physical Conditioning (1). (S/U grade only.)

PEM 1121 Stretch and Relaxation (1). (S/U grade only.)

PEM 1131r Basic Weight Training (1). (S/U grade only.)

PEM 1141r Aerobic Conditioning (1). (S/U grade only.)

PEM 1148 Fitness Walking (1). (S/U grade only.)

PEM 1171r Aerobic Dance (1). (S/U grade only.)

PEM 1304r Varsity Track (1). (S/U grade only.)

PEM 1314r Varsity Cross-Country (1). (S/U grade only.)

PEM 1405r Self-Defense/Martial Arts (1). (S/U grade only.)

PEM 1952 Circus Activities (1). (S/U grade only.)
Courses for Physical Education Majors

DAE 4300. Educational Dance (2). Prerequisites: PET 4710 and PET 4710L. Follows the movement framework for educational dance with a focus on the exploration of themes and the refinement of movement sequences and creative dances.

PET 2303C. Applied Anatomical and Physiology Concepts (4).

PET 2622C. Care and Prevention of Sport Injuries (3).

Courses for Physical Education Majors

PET 1121r. Basic Swimming (1). (S/U grade only.)

PET 1124r. Varsity Swimming (1). (S/U grade only.)

PET 2013. Sports Officializing (2).

PET 2624. Theory and Practice of Basketball (2).

PET 3219. Theory and Practice of Baseball (2).

PET 3644. Theory and Practice of Football (2).

PET 1001r. Contemporary Activities Techniques (1). (S/U grade only.) May be repeated during the same semester.

PET 3304. Theory and Practice of Track and Field (2).

PET 2303C. Applied Anatomical and Physiology Concepts (4).

PET 2622C. Care and Prevention of Sport Injuries (3).

PET 4712c. Methods and Materials of Teaching Fitness, K–12 (3). Prerequisite: Instructor permission. This course focuses on how to implement a lifetime, health-related physical activity program in kindergarten through high school physical education classes and in community settings. Students will update their knowledge of exercise physiology, design learning activities, and develop strategies to teach lifetime fitness to children and adolescents.

PET 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.

PET 4713L. Physical Education Practicum, K–12 (1). Prerequisites: PET 4710 and PET 4710L. Corequisite: PET 4713L. Focus on teaching physical education to primary elementary and high school students, with instruction on developmental needs, teaching skills, analysis and observation, and curriculum.

PET 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.

PET 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 upper elementary, middle, and high school students.

PET 4717c. Applied Physical Fitness Concepts (3). Prerequisites: PET 3020 and 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 4765r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

PET 4930r. Special Topics in Physical Education (1–3). An analysis of selected topics in the field of physical education. May be repeated to a maximum of twelve (12) semester hours.

PET 4940r. Practicum in Physical Education (1–6). (S/U grade only.) Noncertification program. May be repeated to a maximum of ten (10) semester hours. For physical education noncertification majors only.

PET 4942r. Practicum in Sport Administration (3). For sport management students only. Practical experience is integrated with theoretical concepts in the sport management environment. May be repeated to a maximum of six (6) semester hours.

PET 4945r. 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

PET 4625r. Issues in Sports Medicine (3). Prerequisites: HSC 2400C and PET 3301C. Corequisite: PET 3600. Course covers advanced issues including sports medicine administration, sports medicine pharmacology, advanced assessment techniques, and orthopedic surgical observation.

PET 4765r. Principles and Problems of Coaching (3). The study of vital socio-psychological aspects of coaching.

PET 4771C. Applied Physical Fitness Concepts (3). Prerequisites: PET 3020 and 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 4784r. Practicum in Sport Administration (3). For sport management students only. Practical experience is integrated with theoretical concepts in the sport management environment. May be repeated to a maximum of six (6) semester hours.

PET 4945r. 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.

PET 4945r. 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.
Promotion in sport. Topics and issues in sport governance (3). This course is designed to facilitate understanding of principles and methods of recreation program design and operation. Students will apply the processes of goal and objective technology and selection and sequencing activities in creating a program design within recreation and leisure services.

LEI 3701. Human Development and Functioning in Leisure (4). Examines the role of human development and functioning for the entire age spectrum, including disabilities.

LEI 3843. Commercial Recreation and Tourism (3). This course is designed to introduce students to the concepts, principles, and practices of commercial recreation and tourism.

LEI 4524. Leadership and Supervision in Leisure Systems (3). Prerequisites: LEI 3004, LEI 3140, LEI 3435, and LEI 3403. Corequisite: LEI 4930. This course introduces the concepts, principles, and best practices for leading and supervising professional employees of recreation, sport, and leisure organizations.

LEI 4551. Administration of Leisure Service Systems (3). Prerequisite: LEI 3435. This course introduces students to the fundamental concepts, theories, principles, and practices of administration, marketing, and budgeting for leisure service agencies.

LEI 4602. Planning and Maintenance of Facilities in Leisure Systems (3). Provides information for the planning and maintenance of leisure areas and facilities.

LEI 4816. Leisure Education (3). This course focuses upon developing an understanding of the goals, objectives, and philosophy of leisure education. It also includes the methods and techniques utilized to educate for leisure as well as planning and implementing leisure education in a variety of settings.

LEI 4881. Assessment, Research, and Evaluation in Leisure Systems (3). Enables students to assess leisure functions, interests, and behaviors and teach students to understand and critique research findings in leisure settings.

LEI 4906r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

LEI 4921r. Fieldwork in Leisure Services (1–3). (S/U grade only.) Provides the student an opportunity to gain practical experience in an organized leisure setting. May be repeated to a maximum of six (6) semester hours.

LEI 4930. Senior Seminar in Leisure Studies (1). Prerequisite: LEI 3161. The seminar is designed to introduce the current problems facing the leisure profession and the practitioner and to teach students to effectively discuss issues in a seminar setting.

LEI 4932r. Special Topics in Leisure Services (3). Current topics in leisure services are studied in depth. May be repeated to a maximum of nine (9) semester hours.

LEI 4940r. Practicum in Leisure Services (15). Full-time experience in a leisure agency under the supervision of a professional practice practitioner. May be repeated to a maximum of thirty (30) semester hours.

PET 3949r. Cooperative Education Work Experience (0). (S/U grade only.)

PET 4253. Lesbian and Gay Sport Studies (3). This course provides an overview of the lesbian and gay sport industry with a historical and contemporary socio-cultural perspective involving both the lesbian and gay sport industry and the mainstream sport industry.

PET 4254. Gender Issues in Sport and Physical Activity (3). The course will critically examine the relationship between gender and sport/physical activity.

PET 4259. Race and Ethnicity in Sport (3). This course examines the unique role and impact racism and ethnicity have had in the world of sport. Teachers and coaches of all levels of sport organizations are introduced to the realities of bias and prejudice within sport. The experiences of numerous ethnic minority groups and their challenges to participate, compete, coach, manage, lead, and own sport organizations in the United States are also examined.

PET 4625. Issues in Sports Medicine (3). Prerequisites: HSC 2400C and PET 3301C. Corequisite: PET 3600. Course covers advanced issues including sports medicine administration, sports medicine pharmacology, advanced assessment techniques, and orthopedic surgical observation.


PET 4905r. Directed Individual Study (1–3). Undergraduate study of a research problem, not to be used in lieu of a class. May be repeated to a maximum of twelve (12) semester hours.

PET 4930r. Special Topics in Physical Education (1–3). An analysis of selected topics in the field of physical education. May be repeated to a maximum of twelve (12) semester hours.

PET 4942r. Practicum in Sport Administration (3). For sport management students only. Practical experience is integrated with theoretical concepts in the sport management environment. May be repeated to a maximum of six (6) semester hours.

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 in the history of sport and emphasizes the role of race and gender.

SPM 4012. Sport in Society (3). This course covers the role of sports in the United States, focusing on sports as 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.

SPM 4630. International Sport Venues (3). This course is a study of the design and management of international sport venues. Topics include design, marketing, facility image, media and public relations, among others. The course includes site visits and discussions of issues and challenges that venue managers face.

SPM 4723. Legal Issues in Physical Education (3). This course introduces students to the legal structures, major laws, regulations, and precedents in law in sport and physical education.

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 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. Supervised Research (1–4). (S/U grade only.)
LEI 5930r. Special Topics in Recreation and Leisure (1–3).
LEI 5941. Practicum in Leisure Services (9).
LEI 5942. Practicum in Events Management (3).
LEI 5944r. Fieldwork in Leisure Services (1–3).
PEO 5002. Educational Games II (3).
PEO 5042. Education Games I (3).
PPE 5208. Educational Gymnastics (3).
PET 5145. Issues in Physical Education (3).
PET 5155. Current Issues in International Sport (3).
PET 5156. International Sport Venues (3).
PET 5235. Motor Learning for Coaches (3).
PET 5252. Gender Issues in Sport and Physical Activity (3).
PET 5419. Supervision in Physical Education (3).
PET 5423. Educational Dance (3).
PET 5425. Curriculum Design in Physical Education (3).
PET 5437. Foundations of Movement for Children (3).
PET 5514. Developing Electronic Teaching Portfolios in Physical Education (3).
PET 5645. Programs in Adapted Physical Education (3).
PET 5710. Reflective Teaching in Physical Education (3).
PET 5715. Effective Teaching in Physical Education (3).
PET 5716. Analysis and Observation of Teaching in Physical Education (3).
PET 5717. Models in Teaching Physical Education (3).
PET 5718. Interdisciplinary Teaching (3).

PET 5774. Methods and Materials of Teaching Fitness, K–12 (3).
PET 5906r. Directed Individual Study (1–3). (S/U grade only.)
PET 5912r. Supervised Research (1–4). (S/U grade only.)
PET 5940r. Field Laboratory Internship (1–8). (S/U grade only.)
PET 5942r. Supervised Teaching (1–4). (S/U grade only.)
PET 6419. Supervision in Physical Education (3).
PET 6506. Seminar in Sport Finance (3).
PET 6706. Research on Teaching (3).
PET 6790. Professional Preparation of Teachers of Physical Education (3).
PET 6931r. Advanced Topics (1–4).
SPM 5027. Diversity in Sport (3).
SPM 5102. Research Methods in Sport Management (3).
SPM 5106. Facility Management in Sport (3).
SPM 5116. Strategic Management for Sport Organizations (3).
SPM 5156. Athletic Administration (3).
SPM 5206. Sport Sponsorship and Sales (3).
SPM 5308. Marketing Sport (3).
SPM 5350. Athlete Recruiting (3).
SPM 5405. Sport and the Media (3).
SPM 5508. Fiscal Management in Sports (3).
SPM 5706. NCAA Compliance and Institutional Control (3).
SPM 5716. Risk Management in Sport and Physical Activity (3).
SPM 5726. Issues in Sport Law (3).
SPM 5735. Advanced Coaching (3).
SPM 5947r. Practicum in Sport Management (3).
SPM 6006. Organizational Theory in Sport (3).
SPM 6007. Leadership and Organizational Behavior in Sport (3).
SPM 6008. Foundations in Sport Administration (3).
SPM 6156. Seminar in Administration of Physical Education and Athletics (3).
SPM 6206. Seminar in Sport Ethics (3).
SPM 6309. Seminar in Sport Marketing (3).
SPM 6700. Seminar in Sport Management Research (3).
SPM 6728. Advanced Law in Sport and Physical Activity (3).

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Department of Statistics

College of Arts and Sciences

Chair: Daniel McGee; Director, Statistical Consulting Center: Ramsier; Professors: Huffer, McGee, Niu, Sinha, Srivasvata, Wegkamp; Associate Professors: Bunea, Chicken, Patrangenaru; Assistant Professor: Barb, She, Wu, Zhang; Associate in Statistics: Rose, Ramsier; Professors Emeriti: Basu, Bradley, Hollander, Leyseffier, Marsaglia, Meeter, Sethuraman

The Department of Statistics offers programs leading to the Bachelor of Science (BS) degree (including an honors degree) in statistics with emphases in statistics and probability theory. These are mathematical disciplines that describe concepts of uncertainty in a quantitative way. The disciplines draw inspiration from the many areas to which they are applied. A statistician could be called upon to help decide whether an anesthetic has an adverse health effect upon operating room nurses, recognize images taken by remote sensors, analyze errors of measurement in a scientific experiment, determine public attitudes in an opinion poll, determine if a medical or pharmacological patient intervention is successful, or work with a team to design and analyze an experiment. Random phenomena such as these are handled through the use of probability models, which serve as guides in decision making, interpretation of data, and allocation of resources. Some courses in the curriculum emphasize the construction of probability models, whereas others focus upon the methodology of application of these models.

In the study of statistics, students use and enrich their mathematical expertise and orient their study of the mathematical sciences toward useful and relevant purposes in society. Significant opportunities for well-trained persons with one or more of the specializations of statistics or probability arise in many career environments, such as the social sciences, the natural sciences, business, industry, the health services, and government services. Flexible, individually-planned programs of study for minors or majors, including an honors option, are available. Interested students should contact the director of the undergraduate program for more information.

The Department of Statistics offers a wide selection of undergraduate courses in statistical methods for nonmajors with minimal background in mathematics. STA 2122 or 2171 is a prerequisite for the remaining courses in the series, which are STA 4102, 4202, 4203, 4222, 4442, 4502, 4702, and 4853.

The department offers a combined BS/MS degree program designed for academically gifted students who wish to pursue an accelerated program culminating in a BS degree in statistics and an MS degree in applied statistics. This five-year program allows up to fifteen (15) semester hours of course work to be dually counted toward both the BS and MS degrees.

The Department of Statistics maintains a laboratory for computational vision; a statistical consulting center; a departmental library and reading room, the Wilcoxen Memorial Room; and facilities for computation in connection with course work and research. Instruction is available, and use of computers is arranged for approved purposes. The Statistics Department has extensive computing facilities, which include a local area network of microcomputers, and printers and a new laboratory for computational vision equipped with high-performance computers and accessories.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary, computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in statistics must satisfy this requirement earning a grade of "C-" or higher in CGS 3406.

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/navigation/detail_ext/cpp_intro.do?pageid=060304 for a current list of state-approved prerequisites.

The following lists the common program prerequisites or their substitutions required for admission into this upper-division degree program:

1. COP XXXX: one (1) course for three (3) credit hours in a scientific programming course designed for computer science majors
2. MAC X311

Requirements

Please review all college-wide degree requirements summarized in the “College of Arts and Sciences” chapter of this General Bulletin.

Major

Eighteen semester hours in statistics courses numbered at the 4000 level are required, including STA 4321 and 4322.

Note: STA 2122, 2171, or 3032 may be taken in place of a 4000-level course other than those specified. Additional requirements include CGS 3406; MAC 2312, 2313; and MAS 3105. A grade of “C-” or better must be earned in each statistics, mathematics, or computer science course counted toward the major. At least nine semester hours of statistics courses counted toward the major must be taken in the Department of Statistics at Florida State University. Statistics courses taken at other universities or colleges must be approved by the department.

Options

STA 4321 and 4322 constitute a basic core. Further courses may be selected for emphasis in statistical methodology, statistical theory, probability theory, stochastic processes, or actuarial science (MAP 4170, 4175). Students anticipating graduate study in statistics are encouraged to take additional mathematics courses such as MAA 4226, 4227, and MTG 4302.

Minor

The minor may be in any of the departmental or interdepartmental fields approved by the College of Arts and Sciences. A minor in mathematics may include MAC 2311, 2312, 2313, and MAS 3105.

Honors in the Major

The Department of Statistics offers honors in the major to encourage talented students to undertake independent research. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin.

Requirements for a Minor in Statistics

Required are twelve semester hours in statistics courses, including STA 2122, 2171, or 4321. Courses should be selected in consultation with the director of the undergraduate statistics program. A grade of “C-” or better must be earned in each course counted toward the minor. At least six 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 4102, 4202, 4203, 4222, 4452, 4502, and 4702.
2. A minor with statistical theory as well as methodology: STA 4321 and 4322, plus six hours selected from any of STA 4102, 4202, 4203, 4222, 4502, 4702, and 4853.

Combined Bachelor’s/Master’s Degree Program in Statistics

The combined BS/MS degree program in the Department of Statistics is designed for academically strong students who wish to pursue an accelerated program culminating in a Bachelor of Science (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 course work to be dually counted toward both the BS and the MS degree.

An undergraduate student wishing to enroll in this program must meet the following criteria:

1. Completion of at least twelve 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

**Definition of Prefixes**

EGN — General Engineering

QMB — Quantitative Methods in Business

STA — Statistics

**Undergraduate Courses**

SCE 4393r. Seminar in Contemporary Science, Mathematics, and Science Education (1). Note: For the description of the course above, see the “Science Education” 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 a C– or better has been previously earned in STA 2122, 2171, or 3014. High school students who earn a “C” or better on the AP statistics exam will be given credit for STA 2023. Statistical applications in business, involving graphical and numerical descriptions of data, data collection, elementary probability, random variables, binomial and normal distributions, sampling distributions, and confidence intervals and hypothesis tests for a single example.

STA 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 3012, or QMB 3200. Only two (2) 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 (2) semester hours of credit are given for STA 2171 if a “C–” or better has been previously earned in STA 2023 or STA 2031. 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 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 4102. Computational Methods in Statistics I (3). Prerequisites: At least one statistics above STA 1013, some programming experience, or instructor permission. Matlab and a programming language (C/Fortran) will be used. Floating point arithmetic, numeric 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 algorithms, 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 4322, 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, multitage 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). Prerequisites: 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 5444 is not permitted. Random variables, probability distributions, independence, sums of random variables, generating functions, central limit theorems, 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 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; autocorrelation and autocorrelation functions; model identification; forecasting techniques; seasonal model identification; estimation and forecasting, intervention and transfer function model identification; estimation and forecasting. Subsequent credit for STA 5856 is not permitted.

STA 4905r. Directed Individual Study (2–3). (S/U grade only.) May be repeated to a maximum of twelve (12) semester hours.

STA 4930r. Selected Topics in Statistics, Probability, or Operations Research (2–3). May be repeated to a maximum of twelve (12) semester hours.

STA 4970r. Honors Thesis in Statistics (3). Students selected by the University and the department honors programs may take this course. Consent of the thesis adviser is mandatory. May be repeated to a maximum of six (6) semester hours.

**Graduate Courses**


STA 5107. Computational Methods in Statistics II (3).

STA 5126. Introduction to Applied Statistics (3).

STA 5166. Statistics in Applications I (3).

STA 5167. Statistics in Applications II (3).

STA 5168. Statistics in Applications III (3).

STA 5172. Statistics for Epidemiology (3).

STA 5176. Statistical Modeling with Application to Biology (3).

STA 5179. Applied Survival Analysis (3).

STA 5206. Analysis of Variance and Design of Experiments (3).


STA 5208. Linear Statistical Models (3).

STA 5225. Sample Surveys (3).

STA 5238. Applied Logistic Regression (3).

STA 5244. Clinical Trials (3).

STA 5323. Introduction to Mathematical Statistics (3).

STA 5325. Mathematical Statistics (3).

STA 5326. Distribution Theory and Inference (3).

STA 5327. Statistical Inference (3).

STA 5334. Limit Theory of Statistics (3).

STA 5440. Introductory Probability I (3).

STA 5446. Probability and Measure (3).

STA 5447. Probability Theory (3).

STA 5507. Applied Nonparametric Statistics (3).

STA 5666. Statistics for Quality and Productivity (3).

STA 5676. Reliability Theory and Life Testing (4).

STA 5707. Applied Multivariate Analysis (3).

STA 5746. Multivariate Analysis (3).

STA 5807r. Selected Topics in Statistics, Probability, or Operations Research (2–3).

STA 5934. Introductory Probability II (3).

STA 5936. Statistical Inference (3).

STA 5937. Topics in Econometrics (3).

STA 5941. Time Series and Forecasting Methods (3).

STA 5964. Time Series and Forecasting Methods (3).

STA 5966. Applied Logistic Regression (3).

STA 5967. Statistics Colloquium (1). (S/U grade only.)


STA 5980. Graduate Orientation Seminar (1). (S/U grade only.)

STA 5993. Graduate Orientation Seminar (1). (S/U grade only.)

STA 5994. Graduate Orientation Seminar (1). (S/U grade only.)

STA 5995. Graduate Orientation Seminar (1). (S/U grade only.)

STA 5996. Graduate Orientation Seminar (1). (S/U grade only.)

STA 5997. Graduate Orientation Seminar (1). (S/U grade only.)

STA 5998. Graduate Orientation Seminar (1). (S/U grade only.)

STA 5999. Graduate Orientation Seminar (1). (S/U grade only.)
STA 5939. Introduction to Statistical Consulting (3). (S/U grade only.)
STA 5940r. Supervised Consulting (1–3). (S/U grade only.)
STA 5941r. Supervised Teaching (1–5). (S/U grade only.)
STA 6174r. Advanced Methods in Epidemiology (3).
STA 6246r. Advanced Topics in Applied Statistics (2–3).
STA 6346. Advanced Probability and Inference I (3).
STA 6448. Advanced Probability and Inference II (3).
STA 6466. Advanced Probability (3).
STA 6468r. Advanced Topics in Probability and Statistics (2–3).
STA 6555. Nonparametric Curve Estimation (3).
STA 6709. Spatial Statistics (3).
STA 6906r. Directed Individual Study (1–12). (S/U grade only.)

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

---

TAX ACCOUNTING:
see Accounting
SCHOOL OF TEACHER EDUCATION
Division of
CHILDHOOD EDUCATION, READING, AND
DISABILITY SERVICES

COLLEGE OF EDUCATION

Assistant Dean and Chair: Walter F. Wager; Professors: Carroll, Foorman, English, Palmer, Wolfgang; Associate Professors: Al Otaiba, Aspinwall, Burkhead, Clark, Connor, Ebener, Edwards, Davis, Gallard, Hanline, Jakubowski, Jones, Lake, Lewis, Menchetti, Piazza, Rice, Shaw, Southerland, Wood; Assistant Professors: K. Clark, Fiske-Davis, Hosp, Kim, Lundeen, McKenzie, Miller, Pittman, V. Sampson, Wanzek, Witte; Associates in Elementary Education: Davis (Panama City), Rios (Panama City); Associate in Social Science Education: Kirkwood-Tucker; Assistants in Elementary Education: Fettery, Valente; Assistants in Social Science Education: Swanson, White; Assistants in Special Education: Bischof, Nicholas; Assistants in Multilingual Education: Froelich, Galeano; Visiting Assistant Professors: Eubanks (Panama City), Fesmire (Panama City); Professors Emeriti: Dawson, Denmark, Flake, Green, Jenks, G. Jones, Kalin, Kirby, Lynch-Brown, Lunstrum, Mills, Nichols, Oseroff, Platt, Schluck, Scott, Scott-Simmons, Sutherland, Tait, Wheatley; Courtesy Instructors: L. Jones, Kennell

There are six major areas of specialization in the Division of Childhood Education, Reading, and Disability Services: early childhood education, elementary education, reading and language arts education, special education, rehabilitation counseling services, and visual disabilities education.

The Division of Childhood Education, Reading, and Disability Services is committed to high quality personnel preparation programs; service to the state of Florida; and research in elementary education, early childhood education, reading/language arts, special education, rehabilitation counseling services, visual disabilities, and related areas. The Division strives to provide programs of excellence serving undergraduates, graduates, and advanced graduates by teaching, advising, and providing professional role models. Our goal is to prepare educational and rehabilitation leaders who will contribute to the betterment of a pluralistic, global society in the context of the state of Florida’s needs for an educated, global-minded citizenry.

The mission is accomplished by:
• implementing personnel preparation programs that are comprehensive and that prepare practitioners to implement state-of-the-art, research-based practices
• conducting high-quality research in authentic settings; and,
• translating research to practice through service to the profession at the local, state, and national levels.

For a complete listing of all requirements concerning matriculation into and graduation from a teacher education program, please refer to the “College of Education” chapter in this General Bulletin.

The following baccalaureate majors are offered by the Division of Childhood Education, Reading, and Disability Services:
• Early childhood education +
• Elementary education +
• Exceptional student education (combined BS/MS program) +
• Mental disabilities
• Reading education/language arts *
• Rehabilitation services
• Special education *
• Visual disabilities (two tracks;: Visual Studies & Visual Education) +

Note: *graduate only + limited enrollment

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.066, Approval of 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 Endorsement (Grades K-6, DOE Certification Area 444)

• Exceptional Student Education w/ESOL Endorsement (Combined Program, Grades K-12, DOE Certification Area 430)
• Pre-K/Primary Education w/ESOL Endorsement (Early Childhood, Age 3-Grade 3, DOE Certification Area 387)
• Visually Impaired Education (Visual Disabilities Education, Grades K-12, DOE Certification Area 333)

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, early childhood education, visual disabilities education, and exceptional student education satisfy this requirement by earning a grade of “C-” or higher in EME 2040. Undergraduate majors in mental disabilities and rehabilitation services satisfy this requirement by earning a grade of “C-” or higher in CGS 2060 or 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 NAVIGATION/detail_ext/cpp_intro.do?pageId=060304 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. EDG X085
3. EME X040

Note: In addition to EDG X085, a minimum of six (6) 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.

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; 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

The primary goal of early childhood education is to prepare educational leaders who are capable of working with the child, the family, and the community, from age three, pre-k, and kindergarten through 3rd grade. Course work and extensive field experiences prepare graduates with specializations appropriate for educating the young child and designing curriculum for young children.
### Undergraduate Curriculum in Early Childhood Education Leading to a Baccalaureate Degree and Florida Teacher Certification

An undergraduate curriculum is offered for a Bachelor of Science (BS) degree in early childhood (primary) education with English for Speakers of Other Languages (ESOL). This program is designed for students with major emphasis in pre-kindergarten, kindergarten, and elementary education. Each student preparing to teach early childhood (primary) education must complete: (1) the liberal studies degree requirements summarized in the “Undergraduate Degree Requirements” chapter of this Document and the “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) the core requirements in English and the relevant courses for the major; and (5) the requirements in the program as follows.

### 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 teacher, scouting team leader, swimming instructor, or a setting approved by the program. The program admits students once a year for the Fall term. All students are urged to seek advising from the lower division advisers in the Office of Academic Services, 2301 Stone Building.

### 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 205 Stone Building or on the Web at [http://www.coe.fsu.edu](http://www.coe.fsu.edu))
2. Transcript of previous coursework and documentation of test scores (SAT/ACT, General Knowledge Test) and GPA
3. Three reference forms (available from the department):
   a. One from someone who taught you in either junior high school, high school, or college
   b. One from someone who has observed you interacting with children
   c. One of your choice
4. Essay: your response to Teaching in a Changing World (1 to 2 pages)
5. Checklist of program requirements
6. Documentation of current coursework

### Requirements

#### Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in early childhood education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

#### Professional Behaviors and Dispositions: While enrolled in the early childhood education program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

### Definition of Prefixes

- **EDG** — Education: General
- **EED** — Education: Early Childhood
- **LAE** — Language Arts and English Education
- **MAE** — Mathematics Education
- **RED** — Reading Education
- **SCE** — 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 ages 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 4804. 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 (12) semester hours.

#### EEC 4907r. Observation and Participation in Early Childhood Education (2–3). (S/U grade only.) This course offers students direct experiences with young children, organized in such a way that they have opportunities to put into practice those insights, principles, and understandings gained in the theory courses. May be repeated twice to a maximum of seven (7) semester hours.

#### 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 (9) semester hours. May be repeated during the same semester.

#### EEC 4943. Student Teaching in Early Childhood Education (6–10). (S/U grade only.)


#### LAE 3414. 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/language 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 course content addresses research-based strategies, materials, technology, assessment, classroom management, and collaboration with other professionals and parents.

#### RED 4510. Teaching Reading in the Elementary School (3). Prerequisites: Blocks I and II. Corequisite: Block III. Methods and materials for teaching developmental reading based on holistic reading/language comprehension strategies and skill development.

#### SCE 4310. Teaching Science in the Elementary School (3). Prerequisites: Blocks I and II. Corequisite: Block III. Designed to engage the student in self-directed, meaningful science activities for positive, cognitive, and affective growth.

#### SSE 4113. Elementary School Social Studies (3). Prerequisites: Blocks I and II. Corequisite: Block III. Content, applications, and materials in the social sciences, K–6.

### Graduate Courses

- **EDG 5208.** Foundations of Teaching (3).
- **EED 5263.** Thematic Curriculum and Direct Instruction for Young Children (3).
- **EEC 5269.** Curriculum and Play for Young Children (3).
- **EEC 5305.** Methods and Experiences with Young Children and Families (3).
- **EEC 5405.** Teachers and Parents: Partners in Education (3).
- **EEC 5525.** Children’s Centers (3).
- **EEC 5605.** Techniques of Classroom Management and Child Study (3).
ELEMENTARY EDUCATION

An undergraduate curriculum is offered leading to a Bachelor of Science (BS) degree in elementary education with English for Speakers of Other Languages (ESOL) endorsement preparing students to teach grades K through 6. The program is structured as four groups of courses (Fall and Spring) and one Summer 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 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 the Fall semester ONLY; students should work closely with an adviser to plan completion of basic requirements around the Fall 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 not later than March 1st of the Spring term preceding Fall admission. Applicants are selected on the basis of the following criteria: GPA, SAT/ACT, General Knowledge, 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 ARE 3313C; EDE 4907, 4943; EDF 4210; EDG 4410; EEX 4070, 4212; LAE 3414, 4314; MAE 4310, 4326; RED 4310, 4510; SCE 4310; SSE 4113; TSL 4080, 4081. These courses are restricted to admitted elementary education majors only and must be taken in 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.

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. The School will provide a list of approved counties for student-teaching placement. 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 on all adults who work in schools. Because all courses in elementary education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering the Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

Professional Behaviors and Dispositions: While enrolled in the elementary education program, the student is expected to demonstrate behaviors and dispositions that conform to the “Code of Ethics” (State Board of Education Rule 6B-1.001, FAC) and the “Principles of Professional Conduct in Florida” (State Board of Education Rule 6B-1.006, FAC). The program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

Definition of Prefixes

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, materials, technology, 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 to a maximum of twelve (12) semester hours.
EDE 4907R. Directed Field Experiences (1–8). (S/U grade only.) Corequisites: Semesters I, II, or III. Participation in a public school classroom with University supervision. May be repeated to a maximum of (8) semester hours to be taken in the following manner: at least one (1) hour in Semester I, one (1) hour in Semester II, and two (2) hours in Semester III.
EDE 4943. Student Teaching in Elementary Education (10). (S/U grade only.) Prerequisites: Semesters I, II, and III. Corequisite: Semester IV.
EDE 4970R. Honors Work (3). Open to participants in the elementary education honors program. Up to twelve (12) semester hours of honors work may be taken. Six (6) thesis hours are required. Seminars are optional.
EDG 4410. Classroom Management, Legal Issues, Professional Ethics, and School Safety (4). Prerequisites: Semesters I, II, and III; EDF 4430; and EAE 3414. Corequisites: EDE 4943, FTCE General Knowledge Exam, and FTCE K-6 Subject Area Exam. This course is designed to develop specific concepts and skills in the areas of classroom management (discipline) and professional knowledge required for beginning teachers.
**Reading and Language Arts**

Reading education and language arts is a graduate program offering degrees at the Master’s, Specialist, and Doctoral levels. For more information, refer to the *Graduate Bulletin*. However, the program does offer undergraduate courses that are part of the teacher education curriculum.

### Definition of Prefixes

- **LAE** — Language Arts and English Education
- **LIS** — Library and Information Studies
- **RED** — Reading Education

### Undergraduate Courses

**RED 4360. Teaching Reading in Middle/Secondary Schools (3).** A course designed to introduce prospective teachers to developmental and corrective reading practices.

**RED 4905r. Directed Individual Study (1–3).** May be repeated to a maximum of twelve (12) semester hours.

### Graduate Courses

- **LAE 5319.** Teaching Oral and Written Expression in the Elementary School (3).
- **LAE 5349.** Language and Literary Development through Storytelling/Storywriting (3).
- **LAE 5415.** Investigation in Children’s Literature (3).
- **LAE 5515.** Language and Literary 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

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 (ED/LD 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 through 12 with an ESOL endorsement.

This degree major is a three-year program that culminates in the awarding of the Bachelor of Science (BS) followed by the Master of Science (MS) degree. Students must maintain a 3.0 grade point average (GPA) during the junior/senior years of study or earn a 1000 on the general aptitude section of the Graduate Record Examinations (GRE) in order to be admitted to the required graduate component of the three-year, combined program.

### Mental Disabilities

This degree major is designed to prepare persons for careers working with children and youth with mental disabilities. The teacher is equipped to teach...
Visual Disabilities Education and Visual Disabilities Studies

The objective of the visual disabilities degree major is to prepare specialists to provide services to individuals who are either blind or have low vision. The Bachelor’s degree program prepares individuals as classroom teachers and orientation and mobility specialists. Following graduation, students are employed in a variety of settings that offer services to children and youth with visual impairments. Visual Disabilities Education is the initial-certification major and culminates in a 15-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 appropriate for teachers, physical/occupational specialists, speech and language therapists, nurses, social workers, and other professionals involved in delivering early intervention/education services to young children (birth to five years) and their families. The ECSE Certificate is not intended as a diploma or degree that reflects the requirements of a particular governmental, private, or organizational agency. However, the award of the Certificate is noted on the transcripts of graduates, and individuals earning the ECSE Certificate receive a written certificate.

The ECSE Certificate may be earned by taking eighteen 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 special students with departmental permission. The Pre-Kindergarten Disability Endorsement and/or the Infant/Toddler Developmental Specialist Certificate may be earned in conjunction with the ECSE Certificate. Students must be accepted to Florida State University before being eligible for acceptance into the certificate program.

For more information about early childhood special education at Florida State University, please contact Dr. Mary Frances Hanline, Florida State University, 205 Stone Building, Tallahassee, Florida 32306-4459, (850) 644-4880, Fax (850) 644-8715, mhanline@fsu.edu.

Early Childhood and Family Intervention Certificate Program

The Early Childhood and Family Intervention Graduate Certificate will allow the traditional and non-traditional student to earn credit at the Master’s level in order to better promote resilience of infants and young children in Florida who are vulnerable, disabled, or at-risk. This program will foster a unique interdisciplinary perspective, linking the social sciences, education, and the healing arts, and promoting the integration of science, policy, and practice in early childhood and family intervention. Certificate holders will be prepared to critically evaluate evidence-based research for the derivation of best practices; to assist families in the development of capacity, competence, and confidence to meet their child’s developmental needs through coordinated team-based service in natural settings; and to contribute to public policy development.

Application procedures and deadlines for admission to Florida State University as specified in the Graduate Bulletin will be followed for students requesting to participate in the certificate program as a special student, a Master’s degree-seeking student, or an advanced undergraduate student seeking admission on senior privilege. In addition, a goal statement and an early childhood and family intervention certificate program application must be submitted online at http://fsu.edu/earlyintervention or by mail to: Dr. Mary Frances Hanline, Coordinator, Early Childhood and Family Intervention Graduate Certificate Program Childhood Education, c/o Reading and Disability Services, 205 Stone Building, Florida State University, Tallahassee, Florida 32306-4459.

Applicants will be screened by a committee of certificate program faculty representing at least three different disciplines.

Degree-seeking students with senior status, Master’s degree-seeking students, and those enrolled as special students will be expected to maintain a 3.0 or higher grade point average in their coursework while enrolled in the certificate program. Bachelor’s students may include majors in early childhood/special education, early childhood education, child and family development, family life specialist, communications sciences, psychology, social work, or other degree programs with comparable requirements for the discipline.

Eighteen semester hours comprise this certificate. Courses must be completed with an earned grade of at least a “B”. Students will be expected to complete the certificate program within a period of five (5) academic calendar years from date of acceptance.

Continuation Requirement

All special education majors must earn a minimum grade of “C–,” “satisfactory,” or “pass” in each required course.

Admission Requirements

1. New students are admitted 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 205 Stone or on the web at www.coe.fsu.edu. Deadline for Fall consideration is March 1st of the preceding Spring term.

2. A 2.5 GPA minimum during the freshman and sophomore years is required.

3. Previous experience with individuals with disabilities (for example, volunteer work) is helpful.

4. Students must interview with program faculty.

5. All admission criteria for teacher certification must be met (listed in the “College of Education” chapter of this General Bulletin).

Requirements

Background Check: The State of Florida requires that all school districts initiate a level II (FDLE and FBI) criminal background check on all adults who work in schools. Because all courses in special education have a required school component, it is not possible to pass any of the courses if the student is blocked from entering Leon County Schools. Any student who is not able to document that he/she has been cleared by the end of the second week of classes in the first term enrolled will be required to drop all courses and withdraw from the program.

Professional Behaviors and Dispositions: While enrolled in any of the initial certification Special Education programs, the student is expected to demonstrate 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 program reserves the right to refuse or discontinue enrollment of any student who violates these expectations or in the judgment of a majority of the faculty does not meet the program standards.

REHABILITATION SERVICES

The purpose of the Baccalaureate program in rehabilitation services is to provide students with professional knowledge and competencies required of entry-level, direct-service providers in a wide variety of public and private service agencies. Among the kinds of occupations available for graduates are mental health technicians, case managers, psychological aides, behavior specialists, job coaches and advisers, disability-focused assistants, gerontological assistants, drug and alcohol treatment specialists, occupational specialists, and correctional specialists.

Admission

New students are admitted in the Fall, Spring, and Summer semesters. Students must complete an interview with the program coordinator and must meet the University requirements for initial admission and/or matriculation from the lower division. Applicants to the major should complete a COE Undergraduate Program Application, available from the Office of Academic Services in 2301 Stone Building.

Degree Requirements

The Baccalaureate degree in rehabilitation services requires students to complete sixty semester hours at the upper-division level. This curriculum includes nine courses (forty semester hours) in rehabilitation services and seven required electives (twenty semester hours). Rehabilitation core courses include: MHS 4001; RCS 4060, 4081, 4109, 4240, 4300, 4820, 4840; and SDS 4481. The required elective courses consist of completing a minimum of one course in seven knowledge domains that are relevant to rehabilitation. The seven domains include: assessment; human growth and development; abnormal behavior; family systems; self-management for wellness; social systems and disciplines; and organizational life. A complete and current listing of the
menu of choices for satisfying the completion of required elective courses is available through the undergraduate student adviser. A grade of "C" or better is required for satisfactory completion of all program course work.

### Definition of Prefixes

**EBD** — Education: Emotional/Behavioral Disorders  
**EDF** — Education: Foundations and Policy Studies  
**EEG** — Education: Exceptional Child-Core Competencies  
**EGL** — Education: Gifted  
**ELD** — Education: Specific Learning Disabilities  
**EMR** — Education: Mental Retardation  
**EVI** — Education: Visually Impaired-Blind  
**IDS** — Interdisciplinary Studies  
**MHS** — Mental Health Services  
**RCS** — Rehabilitation Counseling Services

### Undergraduate Courses

**EEX 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 youth as well as examine the evolving trends in the field. Additionally, theories of causality are investigated and approaches for improving academic and social behavior are analyzed. (S/U grade only.)

**EEF 2085.** Teaching Diverse Populations (3). Students will acquire an understanding of the complexity and diversity in the American and Florida populations in general and the school and community populations in particular. Students will participate in a field-based experience.

**EEX 3501.** Applied Behavior Analysis for Special Educators (3). Corequisites: EE 3831. Introduction to behavioral principles and procedures useful for managing the behavior of students with handicaps. For majors only.

**EEX 3831.** Practicum in Direct Observation (2). Corequisite: EE 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 reading to 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 4770.** Study of Human Exceptionality (3). This course will increase learner knowledge and awareness of the characteristics and needs of people with exceptionalities, and acquaint learners with the resources, issues, and trends related to appropriately meeting these needs.

**EEX 4834.** Introductory Practicum in Special Education (2). This practicum provides experience with individuals with a range of disabilities.

**EEX 4842.** Practicum with Students with Low Incidence Disabilities (2). This practicum provides experience with individuals with low incidence disabilities.

**EEX 4861.** Student Teaching in Special Education (11–12). (S/U grade only.) Student teachers will teach students with disabilities for one semester within a public school setting, full-time, and under the supervision of a certified special education teacher.

**EEX 4905r.** Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

**EEX 4920.** Pre-Student Teaching Seminar (1). (S/U grade only.) Prepares last-term majors in special education for the transition from student to professional, lays the groundwork for culminating activity of student teaching, and acquaints the new professionals with their future role and responsibility to the field of exceptional student education.

**EEX 4930r.** Special Topics in Special Education (1–3). Topics will vary from term to term. May be repeated to a maximum of nine (9) semester hours.

**EEX 4941.** Practicum with Students with High Incidence Disabilities (2). This practicum provides experience with individuals with high incidence disabilities.

**EEX 4970r.** Honors Work in Special Education (3). Prerequisite: Admission to the honors program. Corequisites: EF 5481 or EE 5951 or equivalent. Prerequisites are designed to provide qualified upper-division majors in special education an opportunity to undertake an independent and original research project. May be repeated to a maximum of nine (9) thesis hours with instructor approval.

**EOG 4111.** Introduction to Gifted and Talented Students (3). Nature and needs of these exceptional children and youth including special groups of underachieving, culturally diverse, women, and handicapped gifted.

**EMR 4360.** 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 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.

**EEF 4121.** 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 have 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 4121.** 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 visual functioning of the individual.

**EVI 4211.** Literary Braille (3). In this course students will develop skills in the preparation of materials for blind students in the literary Braille code using a braillewriter. Interlining and proofreading are emphasized.

**EVI 4212.** Nemeth Code and Supporting Math Instruction for Students with Visual Impairments (3). Prerequisites: EVI 4011, EVI 4211, and EVI 4312. The purpose of this course is to enable students preparing to be teachers of blind-school-age children to support the instruction of mathematics skills in students with visual impairments. Topics include the foundation of the acquisition of mathematics skills, the Nemeth Code, adaptations of mathematics diagrams and 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 and rehabilitation teachers with an appreciation for and a realistic understanding of the problems inherent in the orientation and mobility experiences of 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, EVI 4211, and EVI 4312. The purpose of this course is to provide participants with the knowledge and skills necessary to design and implement instructional activities to increase the development of social and career skills in children with visual impairments. Emphasis is placed on integrating these skills into everyday activities, educational instruction, and collaboration with families and communities to improve student outcomes.

**EVI 4254.** Teaching Independent Living Skills to Students with Visual Impairments (3). This course is designed to provide students planning to be teachers of students with visual impairments with the 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 4121. Prepares future educators with strategies and techniques necessary for determining the mode of reading and for teaching reading and writing skills to students with visual impairments.

**EVI 4312.** Academic Modifications in the Public School Setting (3). Prerequisites: EVI 4011 and EVI 4211. Corequisite: EVI 4212. The purpose of this course is to provide participants with the knowledge and skills necessary to successfully integrate visually impaired students into the general education environment. Students learn to adapt classroom materials, collaborate with general education personnel, and develop direct teaching strategies that enhance the visually impaired learners’ optimum functioning.
Examines the psychological and educational needs 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 4330. Teaching Students with Visual Impairments and Other Disabilities (3). Introduces the techniques and strategies necessary for meeting the needs of students with visual impairments who have additional disabling conditions. An emphasis will be 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 impairments 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 4001. The Human Services Profession (3). An exploration of the nature of human service work. Analyzes past, present, and future issues in human service work. Human service professions and approaches. Personal, career, and family development. The delivery of human services. Program development and evaluation, with a special emphasis upon the rehabilitation process.

MHS 4460r. Crisis Intervention Counseling: Theory and Practice (1–3). Training in basic helping skills for dealing with people in crisis situations, specifically telephone hotline training. May be repeated to a maximum of six (6) semester hours.

MHS 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

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 3061. Survey of Life Span Development: Preventive and Interventional Strategies for People with Normal or Abnormal Development, Disabilities, or Disease (4). Course examines the human development, both normal and abnormal, of an individual across the entire age span, from psychomotor, cognitive, and affective perspectives. Special emphasis is placed on the adolescent, young, adulthood, middle adulthood, and late adulthood developmental stages of life.

RCS 4039. Helping Strategies and Case Management in Rehabilitation (3). Training in basic interviewing techniques and case management skills in rehabilitation. Includes case recording, ecological assessment, individual treatment planning, crisis intervention, referral, and interdisciplinary collaboration.

RCS 4060. Psychosocial Aspects of Disability (4). Examines the psychological and social factors related to adjustment and diverse populations, including minorities, women, persons with disabilities, and other adults.


RCS 4240. Psychosocial Aspects of Rehabilitation (3). An overview of the psychosocial and social factors related to the adjustment or adaptation to a disability and to the provision of rehabilitation services. The relationship between disability and culture will also be explored.

RCS 4300. Vocational Aspects of Rehabilitation (3). Theories, methods, and practices of career development, utilizing occupational information and labor market trends, understanding of requirements and characteristics of a variety of occupations, job analysis, and job modification and restructuring.

RCS 4820r. Internship in Rehabilitation Services (7–15). (S/U grade only.) Prerequisite: Adviser permission. Full or half semester internship in a human services setting. May be repeated to a maximum of fifteen (15) semester hours.

RCS 4840. Field Experience in Rehabilitation (3). (S/U grade only.) Prerequisite: Adviser permission. Supervised clinical practice in a rehabilitation agency or community service organization. Duties are in activities like interviewing, assessment, case management, service coordination, teaching and coaching of life skills.

RCS 4930r. Special Topics in Rehabilitation Counseling (1–4). Special topics in rehabilitation counseling are studied in depth. May be repeated for a maximum of twelve (12) semester hours.

Graduate Courses

EBD 5223. Advanced Study of Emotional Disturbance (3).

EBD 5320. Precision Teaching Methods for Emotional Disturbances (3).

EBD 5941. Practicum in Emotional Disturbance/Learning Disability (3).

EEX 5017. Typical and Atypical Early Development (3).

EEX 5087. Middle and Secondary Curriculum for Learners with Disabilities (3).

EEX 5089. Adaptations and Accommodations for Learners with Disabilities (3).

EEX 5234. Development and Assessment of Individuals with Severe Disabilities (3).

EEX 5235. Instructional Environments: Ethical, Legal, Safety, and Classroom Management Considerations (3)

EEX 5237. Methods for Teaching Students with Low Incidence Disabilities (3).

EEX 5239. Assessment and Methods in Early Childhood Special Education (3).

EEX 5246. Mathematics for Students with Disabilities (3).

EEX 5248. Positive Behavior Support (3).

EEX 5258. Advanced Reading Instruction for Students with Disabilities (3).

EEX 5259. Literacy for Learners with Disabilities (3).

EEX 5285r. Seminar in Transition (3).

EEX 5286. Preparing Individuals for Transition (3).

EEX 5298. Teaching Students with Autism (3).

EEX 5456. Program Development for Young Children with Disabilities (3).

EEX 5704. Early Childhood and Elementary Education Curriculum for Special Educators (3).

EEX 5706. Teaming with Families, Schools and the Community (3).

EEX 5740. Cognitive and Social Implications of Maltreatment of Students with Exceptional Needs (3).

EEX 5765. Introduction to Special Education Technology (3).

EEX 5774. Collaborative Transition and Career Planning for Students with Severe or Profound Disabilities (3).

EEX 5836r. Practicum with Students with Autism Spectrum Disorder (1–3).

EEX 5841r. Field Laboratory Internship (1–12). (S/U grade only.)

EEX 5863r. Supervised Teaching (1–4). (S/U grade only.)

EEX 5906r. Directed Individual Study (1–3).

EEX 5911r. Supervised Research (1–4). (S/U grade only.)

EEX 5920. Pre-Student Teaching Seminar (1). (S/U grade only.)

EEX 5931r. Special Topics in Special Education (1–3).

EEX 5940r. Practicum in Early Childhood Special Education (3).

EEX 5943r. Practicum in Transition (3).

EEX 6301r. Seminar: Research Problems in Special Education (1). (S/U grade only.)

EEX 6341. Critical Review of Special Education Research (3).

EGI 5936. Seminar for Teachers of the Gifted (3).

EGI 5940. Mentorship Practicum for the Gifted (5).

ELD 5140. Advanced Study of Learning Disabilities (3).

EMR 5235. Teaching the Student with Profound Disabilities (3).

EMR 5503. Advanced Practicum in Mental Disabilities (3).

EV 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 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 5325. Technology for Individuals with Visual Impairment (3).

EVI 5332. Social and Vocational Implications of Recreation and Leisure for Visually Impaired (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).

MHS 5060. Psychosocial and Multicultural Aspects of Counseling (3).

MHS 5860r. Supervised Teaching (1–4). (S/U grade only.)

MHS 5915r. Supervised Research (1–4). (S/U grade only.)

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 5620. Administration and Supervision in Rehabilitation (3).

RCS 5845r. Leadership Practicum in Rehabilitation (3–6).

RCS 5930r. Special Topics in Rehabilitation (2).

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).

For listings relating to graduate course work for thesis, dissertation, and Master’s and doctoral examinations and defense, consult the Graduate Bulletin.
Division of MIDDLE AND SECONDARY EDUCATION

COLLEGE OF EDUCATION

The Division of Middle and Secondary Education consists of five program areas: English education, the FSU-Teach program in secondary science or mathematics teaching, mathematics education, science education, and social science education, and the FSU-Teach program in secondary science and/or math teaching. Each of these program areas offers undergraduate degrees to prepare middle and high school teachers in specific disciplines. Successful completion of a degree qualifies candidates for certification to teach in middle and high schools in Florida. Please refer to the “Teacher Preparation General Education Requirements” section of the “College of Education” chapter in this General Bulletin for additional details.

The following majors and teacher certification programs are offered by the Division of Middle and Secondary Education:

- English Education
- Secondary Science or Mathematics Teaching: FSU-Teach (Concentrations in mathematics, applied geosciences, biology, chemistry, and physics)
- Mathematics Education (No new undergraduate admissions after Summer 2009)
- Science Education (No new undergraduate admissions after Fall 2009)
- Social Science Education

Program requirements for state-approved educator preparation programs are subject to revision based on changes in Section 100.04, 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:

- Biology Science Education (Grades 6-12, DOE Certification Area 288)
- Chemistry Science Education (Grades 6-12, DOE Certification Area 289)
- Earth/Space Science Education (Grades 6-12, DOE Certification Area 302)
- English Education w/ESOL Endorsement (Grades 6-12, DOE Certification Area 398)
- Middle Grades General Science Education (Grades 5-9, DOE Certification Area 307)
- Middle Grades Mathematics Education (Grades 5-9, DOE Certification Area 306)
- Physics Science Education (Grades 6-12, DOE Certification Area 291)
- Secondary Mathematics Education (Grades 6-12, DOE Certification Area 287)
- Social Science/Middle Grades Social Science Education (Grades 6-12/5-9, DOE Certification Area 377)
- Secondary Science or Mathematics Teaching (Grades 6-12, DOE Certification Areas TBA)

FSU-Teach Program in Science or Mathematics Teaching

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 southerl@coe.fsu.edu for further details.

The program is constituted as a double-major ONLY curriculum, offered jointly by the College of Arts & Sciences and the College of Education. Students will select one of the following content-area disciplines as their primary major: Applied Geosciences, Biology, Chemical Sciences, Interdisciplinary Physics, or Mathematics. 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 are eligible for formal admission to Teacher Education and the required second major offered by the College of Education. At formal admission, students will have completed or achieved: Step 1 and Step 2 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-education common core of EDFX005, EDGX701, and EMEX040 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 apply. FSU-Teach majors will apply for initial professional acceptance to the program after completion of the first two required courses for Freshmen and Sophomore entry, and adequate progress in courses for the primary major for Junior and Senior entry; application for formal admission to Teacher Education will be completed during the senior year.

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.

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 ONLY for Fall consideration, with the exception of the FSU-Teach program, which accepts new students on a rolling basis. Applicants should submit a completed program application to the Office of Academic Services, 2301 Stone Building, no later than May 15th of the Summer term preceding Fall entry. Students affected by this policy are advised to work closely with an adviser to plan completion of Liberal Studies requirements and program prerequisites on a timetable congruent with the Fall-only admissions cycle.

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 competencies vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in all middle and secondary education programs satisfy this requirement by earning no less than a “C−” in EMEX2040; 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/navigation/detail_ext/cpp_intro.do?paged=060304 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:

**Biological Teacher Education**

1. EDF X005
2. EDGX701

**Note:** In addition to EDGX701, 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. EMEX040
4. Plus the following general program prerequisites:
   a. Biology with lab for eight credit hours
   b. Chemistry with lab or physics with lab for eight credit hours
   c. Electives in science for six credit hours

   **Note:** Courses specified in this category may apply to general education coursework. General education courses will be determined by the community college or university where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

   **Note:** Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

### Chemistry Teacher Education

1. EDF X005
2. EDG X701

   **Note:** In addition to EDG X701, 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. Plus the following general program prerequisites:
   a. Chemistry with lab for eight credit hours
   b. Biology with lab or physics with lab for eight credit hours
   c. Electives in science for six credit hours

   **Note:** Courses specified in this category may apply to general education coursework. General education courses will be determined by the community college or university where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

   **Note:** Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

### Earth/Space Teacher Education

1. EDF X005
2. EDG 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. Plus the following general program prerequisites:
   a. Biology with lab or chemistry with lab or physics with lab for eight credit hours
   b. Geology with lab for four credit hours
   c. Oceanography for three credit hours

   **Note:** Courses specified in this category may apply to general education coursework. General education courses will be determined by the community college or university where the student is currently earning his or her Associate in Arts (AA) or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

   **Note:** Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

### English Teacher Education

1. EDF X005
2. EDG X701

   **Note:** In addition to EDG X701, 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. Plus the following general program prerequisites:
   a. Personal health for three credit hours
   b. Anatomy and physiology plus lab for three credit hours
   c. Electives in health, natural and social sciences for six credit hours

   **Note:** Courses specified in this category may apply to general education coursework. General education courses will be determined by the community college or university where the student is currently earn-
ing the Associate in Arts (AA) or baccalaureate degree and will be published in the institution’s catalog and in the Community College Counseling Manual.

Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

Middle Grades Science 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. Plus the following general program prerequisites:
   - Biology with lab or chemistry with lab or physics with lab for eight credit hours
   - Geology with lab for four credit hours
   - Oceanography for three credit hours

   Note: Courses specified in this category may apply to general education coursework. 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.

   Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

Middle School Mathematics 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. Plus the following general program prerequisites:
   - MAC X311
   - Computer programming language (applicable to microcomputer) for three credit hours
   - Biological science for four credit hours
   - Electives in mathematics or physical science for four credit hours

   Note: Courses specified in this category may apply to general education coursework. 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.

   Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

Physics Teacher Education

1. EDF X005
2. EDG X701  
   Note: In addition to EDG X701, 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. Plus the following general program prerequisites:
   - Physics with lab for eight credit hours
   - Biology with lab or chemistry with lab for eight credit hours
   - Electives in science for six credit hours

   Note: Courses specified in this category may apply to general education coursework. 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.

   Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

Secondary Mathematics Education

1. EDF X005
2. EDG 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. Plus the following general program prerequisites:
   - MAC X311
   - Calculus and analytic geometry II for four credit hours
   - Electives in mathematics for four credit hours
   - Computer programming language (applicable to microcomputer) for three credit hours

   Note: Courses specified in this category may apply to general education coursework. 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.

   Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

Social Sciences Teacher Education

1. EDF X005
2. EDG X701  
   Note: In addition to EDG X701, 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. Plus the following general program prerequisites:
   - One American government course for three credit hours
   - One course each from four of the following six areas for a total of twelve credit hours: anthropology, cultural geography, economics, history, psychology, and sociology

   Note: Courses specified in this category may apply to general education coursework. 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.

   Note: Education courses may not be used to meet the communications, mathematics, natural and/or physical science, humanities, or social science requirements.

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

EDM—Education: Middle School

Undergraduate Courses

EDF 2085. Teaching Diverse Populations (3). Students will acquire an understanding of the complexity and diversity in the American and Florida populations in general and the school and community populations in particular. Students will participate in a field-based experience.

EDM 3001. Introduction to Middle School (3). This course is designed to give the student an introduction to the modern middle school. It will include the philosophy and practice of the ideal middle school. The development of the middle school will be studied. This is a required course only for students in the junior high/middle school mathematics education program, but recommended as an elective for all of those in teacher preparation programs in the department.

ENGLISH EDUCATION

Secondary English Education Undergraduate Program

The program in English education requires course work in English, English education, teaching English as a second language, and professional education. After meeting State of Florida common program prerequisites, students in English education must complete a minimum of twenty-one semester hours of English course work. Courses must include those that focus specifically on these areas: minority American literature, American literature, multicultural literature, Shakespeare, British literature, linguistics, and advanced composition. Students should see an adviser in English education for specific courses satisfying these requirements.

In English education, candidates must complete LAE 3331, 3333, 4323, 4335, 4360, 4363, 4365, 4367, 4384, 4941, 4942, 4944, 4945, 4946, 4948 (or another approved reading course), 4960, 4991, 4992 (student teaching). Additional English education course work may be taken as independent study (LAE 4905S) or in special topics in teaching English (LAE 4930). All candidates also are required to take TSL 3330 and 4331. When taken in conjunction with the courses listed above, students become eligible for the state ESOL endorsement in teaching English as a second language. They also must pass the subject area and professional knowledge portions of the Florida Teacher Certification Examination prior to graduation, and must pass the General Knowledge portion prior to admission to the program.

Six semester hours of upper division professional education courses are required (as explained in the “College of Education” section of this General Bulletin). Students must complete all required course work before being admitted to student teaching. Students are encouraged to student teach in the local area (Area I) or in the other areas supported by the College of Education.

In addition to meeting the College of Education criteria for admission to teacher education, students must meet the following standards in order to student teach: (1) a minimum 2.75 grade point average (GPA) in English courses, including TSL courses; (2) a minimum 3.0 GPA in English education courses; (3) a minimum 2.75 GPA in professional education courses; (4) completion of all required English education courses with no lower than a “C” or; and (5) approval by the English education faculty.

Students who fail to meet any one of these criteria will not be allowed to student teach.

Definition of Prefixes

LAE—Language Arts and English Education

RED—Reading Education

SSE—Social Studies Education

Undergraduate Courses

Note: English education majors also must complete course work offered through the Department of English, the Educational Foundations Program, the Educational Psychology Program, and the Multilingual/Multicultural Education Program. Please see the department for details.

LAE 3331. Teaching Literature and Drama in High Schools (3). Prerequisite: A minimum of six (6) semester hours of literature at the 2000, 3000, and/or 4000 level. Recent adolescent literature, resources and methods for teaching literature in high schools, uses of creative dramatics in teaching literature and language skills.

LAE 3333. Teaching Writing and Language in High Schools (3). Prerequisite: A minimum of six (6) semester hours in composition. Review of contemporary approaches to instruction in young adult literature, language, and language development, oral and written composition, corrective and developmental reading, and study skills. All English components will be considered in the light of early adolescent learning characteristics.

LAE 4332. Applied English Linguistics for Teachers (3). Prerequisite: A minimum of six (6) semester hours in composition and six (6) semester hours in literature. A course for prospective middle and high school teachers in contemporary approaches to English linguistics taught in Florida public secondary schools: grammar, usage, dialectology, dictionary (vocabularly development), semantics, and lexicography. Linguistic content will be related to contemporary theories of learning.

LAE 4360. Classroom Management and Planning Instruction in Middle/High School English (3). Prerequisites: LAE 3331 and LAE 3333. To be taken during the final semester of course work, with LAE 4941. A careful consideration of the role of the secondary schoolteacher of English with special attention to effective classroom management and planning for instruction and evaluation of student progress.

LAE 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 4530. 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 4860. Using Technology in Teaching Language Arts (3). Prerequisite: EME 2040 or equivalent. Survey of the uses of technology to improve the achievement of students in English at the secondary level. Course includes: video, film, video camcorders, computers, computer software evaluation, media literacy, the Internet, homepages, CD-ROM, and Hypertext.

LAE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

LAE 4930. Special Topics in Teaching English (1–3). Intensive investigations of problems and issues affecting secondary English instruction prior to and during teaching internship.

LAE 4937r. Honors Work (3). May be repeated to a maximum of six (6) semester hours.

LAE 4941. Methods and Observation/Participation in Middle/Secondary English (2). (S/U grade only.) Prerequisites: LAE 3331 and LAE 3333. To be taken during the final semester of course work, with LAE 4360. A series of observation and participation activities designed to provide the English education undergraduate with 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). This course introduces pre-service teachers to the role of literacy in the content areas. Students develop the knowledge, skills, and attitudes needed to meet the literacy needs of students. This course is required for all teacher education majors, with the exception of English education majors.

Graduate Courses (Core Courses)

LAE 5064. Reader Response to Literature: Research and Practice (3).

LAE 5297r. Teachers as Writers (3–6).

LAE 5347r. Teaching Writing, PK-16 (3–6).

LAE 5364. A Survey of British Literature for English Teachers (3).

LAE 5368r. Classroom Management and Methods of Planning and Instruction In Secondary English (3–6).

LAE 5385. A Survey of American Literature for English Teachers (3).
Prerequisite: MAC 2311. This (S/U grade only.)

Education rules. For more information, please visit http://www.fsu.edu/~mse/ Programs/Math/index.html. Note that the College of Education mathematics education program as constituted within this Bulletin entry will suspend admissions to new applicants for the undergraduate program effective at the end of Summer 2009. All undergraduate students interested in teaching mathematics at the middle or secondary levels must pursue the FSU-Teach program track after Summer 2009.

Curriculum for Teachers of Secondary School Mathematics Leading to a Baccalaureate Degree and Florida Teacher Certification

A student preparing to teach secondary school mathematics must take at least twenty-one (21) semester hours of mathematics, statistics, and/or computers beyond the common degree prerequisites. Specific course requirements are provided by the department.

Each student preparing to teach secondary school mathematics must take EDF 4210 and 4430; MAE 4320, 4330, 4335, 4657, 4815, 4816, 4862, 4878, 4940, 4945; RED 4335; and TSL 4324. A student must earn at least a “C” in the required courses.

Curriculum for Teachers of Middle Grades Mathematics Leading to a Baccalaureate Degree and Florida Teacher Certification

A student preparing to teach middle grades mathematics must take at least sixteen (16) semester hours of mathematics, statistics, and/or computers beyond the common degree prerequisites. Specific course requirements are provided by the department.

Each student preparing to teach middle grades mathematics must take EDF 4210 and 4430; EDM 3001; MAE 4320, 4330, 4657, 4813, 4815, 4816, 4862, 4878, 4940, 4945; RED 4335; and TSL 4324. A student must earn at least a “C” in the required courses.

In order to satisfy state requirements in both programs, students take courses in assessment, reading in the content area, and human development and learning. Specific courses meeting these requirements are provided by the department.

In either program a student may not earn more than one “D” in a mathematics or statistics course. Some departments have specific policies with respect to grades. Please refer to these sections in this General Bulletin.

In addition to the College of Education standards for admission to Teacher Education, the following criteria must be met: (1) pass all parts of the General Knowledge subject test of the Florida Teacher Certification Exam (FTCE); (2) complete calculus with analytic geometry I with a “C-” or better; (3) an overall 2.5 GPA; and (4) approval by the department. Admission to one of the programs is required prior to taking courses in the major.

Students must meet the following requirements in order to graduate from either program: (1) pass all parts of the FTCE (General Knowledge, Professional Knowledge, and Subject Area); (2) an overall 2.5 GPA; and (3) demonstrate at a satisfactory level all of the Florida Educator Accomplished Practices at the pre-professional level during student teaching (MAE 4945).

Definition of Prefix

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 interactions.

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, sociologic, 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 (15) semester hours.

HSC 4870r. Student Teaching in Health Education (1–15). (S/U grade only.) Prerequisite: HSC 4300. Application of school health education theory to the practice under the direct supervision of a school health educator. May be repeated to a maximum of fifteen (15) semester hours.

HSC 4906r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

HSC 4935r. Selected Special Topics in Health Education (3). An analysis of selected topics related to health education. May be repeated to a maximum of six (6) semester hours when topics vary in content and area.

Graduate Courses

HSC 6006. 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 5900r. 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

The secondary mathematics and middle grades mathematics teacher certification programs are fully approved by the Florida Department of Education. All students are advised to select a program faculty member each semester as requirements are subject to revision based on changes in State Board of Education rules. For more information, please visit http://www.fsu.edu/~mse/Programs/Math/index.html. Note that the College of Education mathematics
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 for a focused examination of instruction strategies, planning, evaluation, classroom management, school laws, professional ethics, and school safety in the middle and high school mathematics classroom. Prospective teachers are expected to demonstrate an ability to impact student learning in grades 5–12. This course is to be taken during the semester prior to MAE 4945.

MAE 4941r. Field Experiences in Teaching Mathematics (1–3). (S/U grade only.) May be repeated to a maximum of six (6) semester hours.

MAE 4945. Student Teaching in Mathematics (12). (S/U grade only.) Prerequisite: MAE 4940. Supervised semester-long classroom teaching experience in a Florida public school.

Graduate Courses

MAE 5146. School Mathematics Curriculum (3).

MAE 5175. Teaching Community College Mathematics (3).

MAE 5337. Seminar on the Teaching of Algebra (2).

MAE 5338. Seminar on the Teaching of Geometry (2).

MAE 5641r. Special Topics in Mathematics Education (2–3).


MAE 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 6839r. Doctoral Seminar in Mathematics Education (1–3).

MAE 6939. Seminar in Mathematics Teacher Education (3).

For listings relating to graduate course work for thesis, dissertation, and Master’s and doctoral examinations and defense, consult the Graduate Bulletin.

MULTILINGUAL/MULTICULTURAL EDUCATION

New admissions to this program have been suspended at all degree levels; 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 (12) 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 (8) semester hours.

EAP 4832r. American Pronunciation for International Teaching Assistants (1–3). (S/U grade only.) Systematic coverage of the sounds of modern American English. Emphasis is on the role of prosodic features in comprehensibility, development of critical listening, activities for developing self-monitoring competencies.

EAP 4905s. 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 (12) semester hours.

FLE 3033. Introduction to Teaching Foreign Language (4). Historical development, sequence, and objectives of foreign language study; the nature of language and teaching for communication.

FLE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

FLE 4937r. Honors Work (3). Prerequisite: FLE 4941. May be repeated to a maximum of six (6) semester hours.

TSL 3330. Teaching Students with Limited English Proficiency (3). Prerequisites: Admission to the College of Education and into the Secondary English Education program. This course provides instruction 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 law related to the teaching of English learners and second language acquisition theory.

TSL 4081. Teaching English Literature (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 4251. Applied Linguistics for Second Language Learning (3). Course is designed for preservice teachers in the elementary, early childhood, and English education programs who will teach limited English proficient and other linguistic minority students pre-K–12.

TSL 4324. ESOL Instruction in the Content Area (3). Prerequisite: Senior standing. Theory and application of second-language learning and teaching strategies for limited English-proficient students in subject matter classes. Satisfies META requirements for all teachers of LEP students except primary language arts instructors. Appropriate for renewal of all certification coverage.

TSL 4331. Language Principles and Acquisition (4). Prerequisites: TSL 3330 as well as admittance into 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 admission 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 tests.

TSL 4941. Practicum in Multilingual/Multicultural Education (4). Prerequisites: FLE 3333 and acceptable oral-proficiency interview score. Practical techniques for classroom instruction of basic foreign language skills; teaching intermediate and advanced levels; use and construction of foreign language tests; techniques of planning, classroom management, ethics, and school law.

TSL 4942. Associate Teaching in a Foreign Language (10). (S/U grade only.) Prerequisite: FLE 3033, FLE 4941, and passing score on the Florida Teacher Certification Examination. May be repeated to a maximum of ten (10) semester hours.

Graduate Courses

EAP 5600. Advanced English Practice for International Educators (3). (S/U grade only.)

FLE 5908r. Directed Individual Study (1–3). (S/U grade only.)

FLE 5915r. Supervised Research (1–4). (S/U grade only.)

FLE 5945r. Supervised Teaching (1–4). (S/U grade only.)

LIN 5706. Psycholinguistic Perspectives on Language Acquisition and Development (3).

LIN 5908r. Directed Individual Study (3). (S/U grade only.)

LIN 5910r. Supervised Research (1–5). (S/U grade only.)

LIN 5932r. Topics in Linguistics (3).

TSL 5005. Teaching of English as a Second/Foreign Language (4).

TSL 5142. Development of Curriculum and Materials in Foreign Languages (3).

TSL 5250. Applied Linguistics in Foreign Language Teaching (3).

TSL 5325. ESOL (English to Speakers of Other Languages) Instruction in the Content Areas (3).

TSL 5377. Reading in Foreign Language Instruction (3).

TSL 5440. Testing and Evaluation in Foreign Languages (3).

TSL 5525. Teaching of Culture: Multicultural/Multilingual Perspectives (3).

TSL 5640. Seminar: Research in Second Language Learning and Teaching (3).

TSL 5908r. Directed Individualized Study (1–3). (S/U grade only.)

TSL 5915r. Supervised Research (1–4). (S/U grade only.)

TSL 5930r. Seminar: Current Issues in TSL (1–3).

TSL 5931. Seminar: Special Topics in Applied Linguistics (2–3).

TSL 5940r. Field Laboratory Internship (1–8). (S/U grade only.)

TSL 5947r. Supervised Teaching (1–4). (S/U grade only.)

TSL 5972r. Thesis (1–6). (S/U grade only.)

TSL 5974r. Specialist in Education Thesis (1–6). (S/U grade only.)


TSL 6980r. Dissertation (1–12). (S/U grade only.)

TSL 8964r. Preliminary Doctoral Examination (0). (P/F grade only.)

TSL 8966r. Master’s Comprehensive Examination (0). (P/F grade only.)

TSL 8968r. Specialist in Education Comprehensive Examination (0). (P/F grade only.)
SCIENCE EDUCATION

Curriculum for Teachers of Science Leading to a Baccalaureate Degree and Florida Teacher Certification

The program in science education requires course work in the sciences, science education, and professional education. Forty-nine to fifty-three (49–53) semester hours in science course work approved by the science education faculty must be taken by all students seeking the Baccalaureate degree and initial teaching certification.

All students seeking certification must be admitted to Teacher Education and meet all of the requirements for pursuing a state-approved program as explained in the “College of Education” chapter of this General Bulletin. All students must complete requirements for admission to the upper division major in one of the areas of specialization. Areas of specialization are biology, chemistry, earth/space science, middle school science, and physics. In addition to the College of Education criteria for admission to teacher education, the following criteria must be met: (1) 2.5 GPA for science and mathematics courses; (2) 2.5 GPA overall; and, (3) approval by the School of Teacher Education and program. All students must pass the Florida Teacher Certification Exam (FTCE) prior to graduation. For more information, please visit http://www.fsu.edu/~mse/Programs/Science/index.html. Note that the College of Education science education program as constituted within this Bulletin entry will suspend admissions to new undergraduate applicants effective at the end of Fall 2009. All undergraduate students interested in teaching science at the middle or secondary levels must pursue the FSU-Teach program track after Fall 2009.

Required Core Courses

Professional Education Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 1005</td>
<td>Introduction to Education</td>
<td>3</td>
</tr>
<tr>
<td>EDF 2085</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4210</td>
<td>Educational Psychology: Developing Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDF 4430</td>
<td>Classroom Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Introduction to Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>RED 4335</td>
<td>Content Area Reading for Secondary School Teachers</td>
<td>3</td>
</tr>
<tr>
<td>SCE 4320</td>
<td>Introduction to Middle School Science Teaching</td>
<td>3</td>
</tr>
<tr>
<td>SCE 4362</td>
<td>Teaching and Learning Science</td>
<td>3</td>
</tr>
<tr>
<td>SCE 4363</td>
<td>Advanced Topics in High School Science Teaching and Learning</td>
<td>3</td>
</tr>
<tr>
<td>SCE 4944</td>
<td>Student Teaching in Science</td>
<td>10</td>
</tr>
<tr>
<td>SCE 4948</td>
<td>Classroom Management and Planning in Science Education</td>
<td>3</td>
</tr>
<tr>
<td>TSL 4324</td>
<td>ESOL Instruction in the Content Areas</td>
<td>3</td>
</tr>
</tbody>
</table>

Student teaching involves a 15-week field experience during which students teach classes in their areas of specialization. Opportunities are provided to learn about schools and the manner in which science curricula are administered within schools. The practicum is a course that is conducted in conjunction with student teaching. Students meet to discuss their school-based experiences and to integrate theory and practice.

Specialty Areas (select one)

The student will work with a faculty adviser to design a program to ensure certification and competency in one of the following areas: biological science, chemistry, physics, middle school science, or earth/space science. Students must complete forty-nine to fifty-three semester hours of science for majors in a specialty area. Twenty-two of these semester hours may be satisfied when completing prerequisite and liberal studies requirements for admission to the upper division major.

Definition of Prefix

SCE—Science Education

Undergraduate Courses

SCE 4320. Introduction to Middle School Science Teaching (3). The focus of this course is on the roles and responsibilities of science teachers. There is a 30-hour field component to this course.

SCE 4362. Teaching and Learning Science (3). The focus of this course is planning, instruction, learning, and classroom environment. There is extensive fieldwork (30 hours) and students will work with a teacher in an area high school.

SCE 4363. Advanced Topics in High School Science Teaching and Learning (3). Prerequisites or corequisites: SCE 4320 and SCE 4362. This course assumes previous field experiences and focuses on issues in curriculum, assessment, and the use of technology in science instruction. This course is offered at the school site, is project-based, and there is an extensive fieldwork component.

SCE 4835C. Teaching Earth and Space Science (3). This course examines the pedagogical content knowledge needed to teach earth/space science.

SCE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

SCE 4920r. Science Education Colloquium (0). (S/U grade only.) Colloquium provides opportunities for sharing and to learn about current science education research. May be repeated to a maximum of eight (8) times.

SCE 4939r. Seminar in Contemporary Science and Science Education (1). May be repeated to a maximum of four (4) semester hours. Two (2) hours must be taken prior to or concurrent with SCE 4330. Required for arts and sciences majors.

SCE 4944r. Student Teaching in Science (10). (S/U grade only.) Corequisite: SCE 4948r.

SCE 4948r. Classroom Management and Planning in Science Education (3). Prerequisites: EDF 1005, EDF 2085, EME 2040, SCE 4320, SCE 4362, SCE 4363, and TSL 4324. Corequisite: SCE 4944. This course provides support and guidance to science education students participating in student teaching. The course focus is on classroom management and planning, professional ethics, and school law.

Graduate Courses

SCE 5140. Curriculum in Science Education (3).

SCE 5147. Perspectives on Learning in Science Education (3).

SCE 5225. Conceptual Learning in Middle School Science (3).


SCE 5336. Instructional Strategies that Promote Learning in Science (3).

SCE 5340. Teaching and Learning Science (3).

SCE 5545. Teaching Science in Diverse Classrooms (3).

SCE 5642. Science Teaching and Education Policy (3).

SCE 5740. Research Methods in Science Education (3).

SCE 5836C. Teaching Earth and Space Science (3).

SCE 5895. Nature of Science and Science Technology (3).

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

SCE 5910r. Supervised Research (1–4). (S/U grade only.)

SCE 5921r. Colloquium (1). (S/U grade only.)


SCE 5942. Internship for Graduate Students (1–10). (S/U grade only.)

SCE 5943r. Field Laboratory Internship (1–8). (S/U grade only.)

SCE 5945. Initial Practicum in the Teaching and Learning of Science (3).

SCE 5946r. Supervised Teaching (1–4). (S/U grade only.)

SCE 5947. Final Practicum in the Teaching and Learning of Science (3).

SCE 5949r. Field Lab Internship (1–3).

SCE 5954. Portfolio Defense (0). (P/F grade only.)

SCE 5973r. Specialist in Education Thesis (1–6). (S/U grade only.)

SCE 6345. Teaching and Learning Science (3).

SCE 6351. Curriculum Design in Science (3).

SCE 6395. 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).

For listings relating to graduate course work for thesis, dissertation, and Master’s and doctoral examinations and defense, consult the Graduate Bulletin.
SECONDARY SCIENCE OR MATHEMATICS TEACHING (FSU-TEACH)

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: Dyr, Kelso

Curriculum for Teachers of Science or Mathematics Leading to a Baccalaureate Degree and Florida Teacher Certification

The program in secondary science or mathematics teaching requires coursework in the sciences and education or in mathematics and education. The program is a double-major only curriculum requiring students to complete a major in the sciences (biology, chemistry, geosciences, or physics) or mathematics in addition to a secondary major in Secondary Science or Mathematics Teaching (FSU-Teach). Each of the discipline areas has special tracks for FSU-Teach majors enabling students to complete the double major in 4 years (120 hours). The program culminates with conferment of the baccalaureate degree in two majors with all coursework and state testing requirements fulfilled for initial Florida teacher certification. All students seeking certification must be formally admitted to Teacher Education and meet all of the requirements for pursuing a state-approved program as explained in the “College of Education” chapter of this General Bulletin prior to final term internship. Students are expected to meet the requirements for provisional acceptance to the program prior to enrolling in the Knowing and Learning course.

Students are expected to meet the requirements for formal admission to Teacher Education during their senior year. The areas of specialization available are biology, chemistry, geosciences (earth/space science), mathematics, and physics. In addition to meeting the state Department of Education criteria for admission to Teacher Education, the following criteria must be met for graduation: (1) 2.5 GPA for science and/or mathematics courses; (2) 2.5 cumulative GPA; and, (3) approval of the program faculty. All students must pass all relevant sections of the Florida Teacher Certification Exam prior to graduation. For more information, please visit http://www.fsu-teach.fsu.edu.

Required Core Courses

SMT 1043. Step 1: Inquiry Approaches to Teaching (1). This course allows students to explore teaching as a career at no cost. Following an introduction to the theory and practice behind excellent inquiry-based mathematics and science instruction, students teach lessons in elementary classrooms 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 SMT1043. Students create 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.

SMT 3100. Knowing and Learning in Science and Mathematics (FSU-Teach) (3). Prerequisites: SMT 1043 and SMT 1053. 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 to 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.

Note: The following courses are currently under development with the University Curriculum Committee. Course prefixes and numbers have yet to be assigned. For additional information, please refer to http://fsu-teach.fsu.edu/index.php

Functions and Modeling (3). This course is taken by students pursuing mathematics certification. This course deepens and broadens function-related mathematical content knowledge from Algebra through Calculus and makes connections between college mathematics and secondary school mathematics. Included in the course are parametric and polar objectives, linear and matrix algebra, regression aspects of statistics, and growth and decay exponential models.

Classroom Interactions (3). This course demonstrates how learning theories manifest themselves in instructional settings and explores multiple models of teaching, as well as the advantages, disadvantages, and uses of each. Issues of assessment, equity, and diversity are integral to the course.

Research Methods (3). This course presents the tools scientists use to solve scientific problems enabling them to develop new knowledge and insights. Topics include experimental design, reduction of systematic and random error, use of statistics to interpret experimental results and deal with sampling errors, mathematical modeling of scientific phenomena, and oral presentation of scientific work. This course is primarily laboratory-based.

Perspectives on Science and Mathematics (3). This course explores the different ways in which investigators since the seventeenth century have explained the workings of the natural world. Its four interlocking goals are to give students an overview of the history of science and mathematics, to enable students to put these historical perspectives and context to work in pedagogy, to sharpen independence of thought, and to improve research, analysis, and writing skills.

Project Based Instruction (3). In this course students learn more about how people learn and how project-based instruction may help bridge the gap between theory and practice. Technological and pedagogical content knowledge is core to the student’s development and implementation of a project-based unit.

Content Area Reading for Secondary Science and Mathematics Teachers (3). This course focuses on the use of reading strategies in the content areas of science and mathematics. Emphasis is placed on implementing successful comprehension instruction to increase student interest and success in reading, providing them the intrinsic motivation for continued learning.

Teaching for Equity in Diverse Science and Mathematics Classrooms (3). In this course students learn to apply ESOL methods and strategies to help all students achieve in mathematics and science, facilitate the transition of linguistically and culturally diverse students to the academic culture of the United States, and learn to identify the methods of culturally responsive mathematics and science teaching, including recognition of the needs of special education students and English-language learners.

Apprentice Teaching (6). Student teachers involved a 15-week field experience during which students teach classes in their areas of specialization. Opportunities are provided to learn about schools and the manner in which science or mathematics curricula are administered within schools.

SOCIAL SCIENCE EDUCATION

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 the General Bulletin; (2) the State of Florida common program 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 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, TSL 4324, SSE 4362, 4364, 4664, and 4940. Students may not use for their field of concentration any course in which they receive a grade below “C”. Prior to admission to student teaching, students must achieve an overall GPA of 2.5 or higher and earn a grade of “C” or better in each 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 advisor for details.

Students who have completed a Bachelor’s degree in an appropriate field may also seek certification only in conjunction with course work applied toward a graduate degree. In meeting requirements for certification, these students should plan their graduate-level professional courses instruction to 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 completion of the program requires that students pass the Content (Social Studies 6-12), Professional, and General Knowledge sections of the
Florida Teacher Certification Examination; and (3) in the interest of effective supervision, student teachers will, of necessity, be placed in clusters within designated school systems in Florida. There can be no assurance given that students will be placed in counties based on personal preference or convenience. A signed student teaching location preference form is required.

Definition of Prefixes
EDF—Education: Foundations and Policy Studies
EDG—Education: General
SSE—Social 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 curriculum and instruction.


SSE 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.

SSE 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 to a maximum of three (3) semester hours.

SSE 4940r. Field Study in Social Education (1-3). (S/U grade only.) A participant observation field study course in an education setting to be arranged with the instructor. May be repeated to a maximum of three (3) semester hours.

SSE 4944. Student Teaching in Social Science Education (15). (S/U grade only.) Prerequisites: SSE 4362, SSE 4364, and SSE 4664. A 15-week, off-campus student-teaching experience in Florida schools, supervised by University faculty in social science education.

Graduate Courses
EDF 5885. Education in the Arab World (3).
EDF 5887. Multicultural Education (3).
EDF 5892r. The Design of National Curricula in Developing Countries (3).
EDF 5902r. Colloquium: Bilingual/Bicultural Education (1).
EDF 5921r. Special Language and Culture Colloquium (2).
EDG 5206. Teachers and Curriculum Development (3).
EDG 6221. Curricular 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 5676. 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 5946r. Supervised Teaching (1–4). (S/U grade only.)
SSE 5947. Internship for Graduate Students (1–10). (S/U grade only.)
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 course work 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 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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:

### Apparel Design and Technology

1. ACG X021
2. CGS X060 or CGS X100
3. CTE X401
4. FAD X230
5. ECO X013
6. ECO X023
7. MAC X105 or MGF X106 or MGF X107
8. PSY X012 or SYG X000 or SYG X010

### Merchandising

1. CHM XXXX: two (2) courses in chemistry for six (6) credit hours, or
2. PHY XXXX: two courses in physics for six (6) credit hours
3. CTE X312
4. CTE X401
5. ECO X013
6. ECO X023
7. FAD X230
8. MAC XXXX: two (2) courses in mathematics for six (6) credit hours
9. PSY X012

### Textiles

1. ARH XXXX or ART X003: one (1) course for three (3) credit hours
2. CTE X310
3. CTE X401
4. ECO X013 or ECO X023
5. FAD X230
6. PSY X012 or SYG X000 or SYG X010
7. ART X300

### Honors in the Major

The Department of Textiles and Consumer Sciences offers a program of honors in the major to encourage talented juniors and seniors to undertake independent and original research as part of the undergraduate experience. For requirements and other information, see the “University Honors Office and Honor Societies” chapter of this General Bulletin. Interested students who meet eligibility requirements should discuss this opportunity with their faculty adviser early in their junior year.

### Entrance and Retention Requirements for Majors

Students are eligible to enter the Department of Textiles and Consumer Sciences when they have met the University requirements for transfer to an upper-division program, including an overall GPA of 2.0 or higher and completion of all math and CLAST requirements. Additionally, specified foundation courses required for each major must have been completed with a grade of “C” or better. See individual major descriptions for a listing of these courses and additional eligibility requirements. A separate application to the department is not required.

To remain in good standing in the program, students in all majors in the department must achieve and maintain a GPA of 2.5. Students must be in good standing to take senior-level classes and to graduate. A grade of “C” or better must be achieved in all courses required for the majors, including foundation courses, college core requirements, and professional electives. See individual major descriptions for specific additional retention requirements.
A grade of “C” or better must be achieved in all courses required for the major, strongly recommended as a second math course. This major is math intensive. STA 1013 or 2023 is a prerequisite to all merchandising courses. 

The curriculum for each major in the department is comprised of four parts: liberal studies/University competencies, College of Human Sciences core requirements, major course requirements, and professional electives. Students must meet the curriculum requirements in effect at the time they enter the major. Detailed curriculum guide sheets are available from the department office and on the department Web site, at http://www.chs.fsu.edu/tcs/.

College of Human Sciences Core

All students in the department are required to complete the College of Human Sciences core requirements consisting of the following six semester hours: FAD 2230 (3), and one three semester hour course in the college outside their major field of study to be selected from a list of approved courses available from the department, unless a specific course is designated. A grade of “C” or better must be earned in each of these courses.

Apparel Design and Technology

Apparel design and technology is a highly competitive but rewarding field for the creative individual. A successful designer is able to predict consumer reaction and to work within the financial constraints of the production and manufacturing process to design apparel that meets consumer needs and retail-business profitability. The curriculum prepares students to apply the elements and principles of visual design to meet the physical, social, psychological, and aesthetic apparel needs of consumers. Graduates seek work with retail and apparel firms throughout the United States and abroad, including positions in major design centers such as Atlanta, Dallas, London, Los Angeles, Miami, Milan, New York, and Paris. Typical starting positions include assistant designer, stylist, assistant product development specialist, and product manager.

Design courses are sequenced such that it requires a minimum of seven regular (non-Summer) semesters, beginning with a Spring semester, to complete the major’s courses. The first course in the apparel design sequence, CTE 1310, is a hybrid course for basic clothing construction skills. A grade of “B–” or better must be achieved in CTE 1310 to advance in sequenced design courses. Only one retake of this course will be allowed. Exemption test information for exempting CTE1310 may be obtained by calling the TCS office for details. Apparel design students are required to have a sewing machine for working on projects outside of class and must purchase a bobbin case for class work. A grade of “C” or better must be achieved in all courses required for the major. No more than one of the following courses may be repeated by an apparel design major: CTE 3334, 3341, 3734, 3742, 4725, 4726, and 4752. Foundation courses include a three semester hour course with an ARH designation, or ART 2003; PSY 2012 or SYG 1000 or 2010; and ECO 2013 or 2023. Computer competency is met by taking CGS 2060 or 2100. Oral competency may be met through any course approved as such by the University. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on the department Web site. Students are expected to meet the curriculum requirements in place at the time they enter the major. An acceptable portfolio and a 2.5 GPA are also required to remain in good standing, to take senior-level courses, to intern, and to graduate.

Merchandising

Merchandising prepares students for entry-level retail management, buying, human resources, product development, and a variety of positions in general retailing and softgoods retailing. The curriculum emphasizes the retail merchandise management, operational, and analytical skills associated with retail sourcing, planning, allocating, buying, product development, distribution, and merchandising of all consumer goods, with an emphasis on softgoods. Students who complete a minor in communication also may focus their career development on fashion publishing. Internships within the retail industry and 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.

Completion with a grade of “C” or better in MGF 1106 or 1107 or MAC 1105 is a prerequisite to all merchandising courses. STA 1013 or 2023 is strongly recommended as a second math course. This major is math intensive. A grade of “C” or better must be achieved in all courses required for the major, including foundation courses, which, in addition to the math requirements, are ECO 2013 and 2023, PSY 2012 or SYG 1000 or 2023, CGS 2060 or 2100, and ACG 2021. No more than one retake is allowed for ACG 2021. Oral competency must be met through any course approved as such by the University. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on the department Web site, at http://www.chs.fsu.edu/tcs/.

Students are expected to meet the curriculum requirements in place at the time they enter the major. A GPA of 2.5 or higher is required to remain in good standing, to take senior-level courses, and to graduate.

Internship

Merchandising students are required to complete a coordinated block of internship courses followed by an internship that may take place during the Fall, Spring, or Summer. The internship provides the student with a chance to apply managerial, operational, and analytical learning to work place experiences.

Three merchandising block courses (CTE 4811, 4826, 4890) and an internship preparation course (CTE 4892) are taken during the first half of the internship semester. All material normally covered in a full semester, including the final examination, is completed during the accelerated period. The second half of the semester is the off-campus internship or practicum (CTE 4882). The Department of Textiles and Consumer Sciences assists students in identifying potential internship positions and, through a process explained during merchandising course work, for approving the placement of students. The intern may be paid as an employee by the company or may not receive compensation, depending on the policy of the host company. During the internship, the student is responsible for all assignments given by the department and the retail organization. The intern student is also responsible for housing, relocation arrangements, and expenses. Each intern is cooperatively evaluated by both the company and the TCS Internship Coordinator. An unsatisfactory rating by either the company or the TCS Internship Coordinator will result in a failing grade in CTE 4882.

To ensure a placement that best meets the professional needs of each student, the department partners with retail organizations over a wide geographic area. Applicants for the internship are generally not assigned to their home cities or to the immediate or general vicinity of the campus. Candidates are advised that the Department of Textiles and Consumer Sciences exercises the final responsibility for approving the internship semester and the company in which the student will intern. Submittal of an application by a candidate is an agreement to accept an assignment in a location where the objectives of the internship can best be achieved. Failure to accept an assignment relieves the Department of Textiles and Consumer Sciences and the University of any further responsibility to assist in procuring an internship.

An internship candidate is expected to meet the standards set by pertinent state laws and by the cooperating firms. Candidates should be aware that, consistent with applicable law, information pertaining to all public records (such as arrest and/or conviction in a court of law) may be routinely furnished to the cooperating stores as well as to prospective employers. The Department of Textiles and Consumer Sciences assumes no responsibility for steps to place a student in an internship but will not be liable if a student cannot be placed.

Application for the internship is made when initial advising is conducted for upper-division course work (approximately two to three semesters in advance of the internship semester). There is a limit to the number of students who can intern in any given semester and application procedures must be carried out through the TCS Upper-division advisor and Internship Coordinator. The following eligibility requirements must be met in order to intern.

1. Students must have a minimum of 90 credit hours overall and 25 credit hours in the department and must have completed the following classes with a “C” or better: CTE 1401, 1401L, 2301, 3902, 3763, 3801, 3806, 3835, 4822; MAC 1105 or MGF 1106 or 1107; ACG 2021; MAR 3023; CGS 2060 or 2100; ECO 2013 or 2023; and PSY 2012 or SYG 1000 or 2023.

2. Students must have an adviser-approved, completed planning sheet in the departmental advising file indicating that it is reasonable for the student to complete the internship in the semester for which she is applying.

3. Students must have an overall FSU GPA of 2.5 or higher for consideration and must continue to increase their overall FSU GPA to the required intern block overall FSU GPA of 2.75 in order to intern. Any student who is placed on academic probation or whose overall FSU GPA drops below 2.5 will lose his or her status and must reapply with no guarantee for the timing of his/her internship placement.

Early in the semester immediately prior to the internship semester (not a summer term), the student must meet with the upper-division advisor and sign...
off on an internship clearance form. For more information regarding internship requirements, please contact the TCS Internship Coordinator or the CHS Advising Office.

Textiles

The textiles major prepares students for a wide variety of challenging careers in textile product development, quality assurance, product testing, fabric sourcing, and other positions. Students gain an understanding of the many factors affecting textile product performance, consumer demand, and use of textile products in consumer goods. Product development concepts and principles are applied to a wide range of soft line products with particular emphasis on apparel and interior textiles.

A grade of “C” or better must be achieved in all courses required for the major. Foundation courses include PSY 2012 or SYG 1000 or 2010 and ECO 2013 or 2023. Computer competency may be met by CGS 2060 or 2100. Oral competency may be met through any course approved as such by the University. A grade of “C” or better must be achieved in foundation and computer competency courses prior to entering the upper division. Detailed curriculum guide sheets and a sequencing plan are available through the department office and on the department Web site. Students are expected to meet the curriculum requirements in place at the time they enter the major. A GPA of 2.5 or higher is required to remain in good standing, to take senior-level courses, and to graduate.

Requirements for Minors and Double Majors

Due to the heavy demand for courses by TCS majors, minors in TCS are no longer available. Students who have already begun a minor with the approval of the department will be allowed to complete the minor on a space available basis if their overall FSU GPA is 2.5 or higher.

Students desiring to complete two or more majors in the department must have an overall FSU GPA of 3.3 or better and complete all requirements in each major except unspecified professional electives.

Definition of Prefixes

COA — Home Economics: Consumer Affairs
CTE — Home Economics: Clothing, Textiles and Merchandising
HME — Home Economics: Home Management and Equipment
HOE — Home Economics: General

Undergraduate Courses

CTE 3151. Consumer Competence in a Complex Society (3). Improving levels of living through increased consumer competence. The consumer movement and current issues.

CTE 4131. Family Financial Analysis (3). Prerequisites: Junior standing; economics recommended. Principles and problems of money management, credit, insurance, housing, transportation, taxes, and investments.

CTE 4905r. Directed Individual Study in Family Economics and Home Management (1–3). May be repeated to a maximum of six (6) semester hours.

CTE 4935r. Special Topics in Consumer Economics: Topics Vary (1–9). Study of various consumer or resource management issues/trends. May be repeated to a maximum of twelve (12) semester hours as topics vary.

CTE 4944r. Consumer Education Practicum (1–6). A working/learning experience in consumer affairs. May be repeated to a maximum of six (6) semester hours.

CTE 1310. Apparel Assembly Process I (3). Prerequisite: majors only. This course covers basic methods of apparel construction using hand and machine sewing techniques.

CTE 1401. Introductory Textile Science (3). Introduction to physical and chemical aspects of fibers, yarns, fabrics, finishes, and textiles coloration. Interrelationships between textile characteristics, properties, and end-use requirements.

CTE 1401L. Apparel Textiles Laboratory (1). Prerequisite and Corequisite: CTE 1401. Laboratory identification and analysis of apparel textiles for end-use performance. Hands-on experience in the identification and analysis of fibers, yarns, fabrics, finishes, and textile coloration.

CTE 3201. Visual Design in Clothing and Textiles (3). Introduction to design as process and product; clothing and textiles applications of functional, structural, and decorative design; optical illusions; art elements and principles; design analysis.

CTE 3334. Apparel Assembly Process II (3). Prerequisite: CTE 1310. Corequisite: CTE 3742. This course covers intermediate processes and techniques of apparel construction using original student design and pattern work.

CTE 3341. Apparel Assembly Process III (3). Prerequisites: CTE 1310, CTE 1401, CTE 1401L, CTE 3334, CTE 3742. This course covers traditional and contemporary techniques for the construction and design of tailored and non-tailored garments.

CTE 3451r. Textile Product Development (3–6). Prerequisite: CTE 1401. Topics in textile product development. Focus on stages of product development for specific end-use areas. May be repeated to a maximum of six (6) semester hours when topics vary.

CTE 3515. History of Clothing and Textiles I (3). Clothing and textiles as a reflection of the arts, customs, economy, and religion of the times from the beginning of recorded history to the 15th century, through those areas of the world having major influence on the development of Western dress.

CTE 3516. History of Clothing and Textiles II (3). Clothing and textiles as a reflection of the arts, customs, religion, technological development, and economy of the times covering Western dress from the 15th century to the present.

CTE 3519. History of Dress (3). This course offers a survey of the history of dress from antiquity to the present, focusing on European and North American dress. Emphasis is placed on the connection between dress and social, cultural, environmental, as well as technological contexts of the Western world.

CTE 3534. Twentieth Century Design (3). Prerequisites: A grade of “C” or better in CTE 3515 or CTE 3516 and CTE 3201. Study of design trends in the twentieth century with emphasis on fashion and textiles. Design practices and styles as a reflection of art, customs, popular culture, technological development, and economy of the twentieth century. Study of the relationship between design in fashion and design in architecture, furniture, interior, and other decorative arts.

CTE 3602. Sociopsychological Aspects of Clothing (3). Introduction to the behavioral aspects of clothing. Behavioral theories that govern the use of clothing in various cultural contexts.

CTE 3734. Fashion Illustration (3). Prerequisites: CTE 1310, CTE 1401L, CTE 3201, CTE 3334, and CTE 3742. This course helps students develop skills and techniques necessary to visually present creative apparel design.

CTE 3742. Flat Pattern Design (3). Prerequisite: A grade of “B–” or better in CTE 1310. Corequisite: CTE 3344 taken concurrently. CTE 1401L, CTE 1401L, and CTE 3201. Theories of pattern design using flat pattern techniques to create fashionable apparel. Open to apparel design majors only. (Fall semester only.)

CTE 3763. Fundamentals of Apparel Evaluation (3). Prerequisites: CTE 1401, CTE 1401L, CTE 3201, and CTE 3806, all with a grade “C” or better. Quality evaluation of apparel products in relation to performance and price.

CTE 3784. Apparel Production (3). Prerequisites: Junior standing, CTE 1401, CTE 1401L, and CTE 3763, all with a grade “C” or better. Analysis of apparel production methods and related functions such as the role of the designer, forecasting fashion, and garment costing. Open to apparel design and textiles majors only. (Spring semester only.)

CTE 3801. Careers in the Textiles-Appliance-Retailing Complex (3). This course covers a detailed coverage of careers, job descriptions, as well as skills and personal characteristics leading to success in the textile-apparel-retailing complex. Topics include retail management, buying, planning, wholesale management, apparel design, product development, as well as other key positions within the industry.

CTE 3806. Merchandising Principles (3). An overview of businesses that design, produce, distribute, and sell fashion and basic goods. Theoretical foundations and practical applications of the principles of retail merchandising.

CTE 3835. Merchandise Presentation and Inventory Analysis (3). Prerequisites: A grade of “C” or better in MAC 1105 or MGF 1106 or MGF 1107, ACG 2021, CGS 2060 or CGS 2100, ECO 2013, ECO 2023, CTE 1401, CTE 1401L, CTE 3201, and CTE 3806. Analysis of consumer trends, inventory needs, and merchandise presentation methods to drive a business from a store and buying perspective using visual merchandising methods, current inventory analysis software, retail store reports, and the Macy’s Merchandising Laboratory.

CTE 3881. Pre-professional Merchandising Field Experience (3). Prerequisites: CTE 1401, CTE 1401L, CTE 3201, CTE 3341 or CTE 3763, and CTE 3806. All with a grade of “C” or better; a 2.5 GPA; intern coordinator permission. This optional pre-internship course is designed to introduce the student, prior to the intern block, to a hands-on approach to basic retail merchandising in the following areas: selling, merchandising, product knowledge, and inventory control and management.

CTE 4415. Computer-Aided Textile Design (3). Prerequisite: CTE 1401. This course offers an analysis of current fashion industry trends in textile-product design and an application of digital technologies on textile-product designs. Using the latest computerized design systems (such as Adobe Illustrator, Adobe Photoshop, and Lectra U4ia), students create textile designs, repeats, colorways, and coordinates targeting interior and apparel product markets.

CTE 4421r. Advanced Topics in Textiles (3–9). Prerequisites: A grade of “C” or better in CTE 1401 and CTE 1401L. Topics of current technology and research in textile science. Specific topics will vary. May be repeated to a maximum of nine (9) semester hours when topics vary. (Spring semester only.)

CTE 4443. Quality Assurance for Textiles and Apparel (4). Prerequisites: CTE 1401 and CTE 1401L. This course offers an evaluation of textile materials for specific end users, industry compliance, certified performance, and government standards.

CTE 4460. Textiles in the Global Economy (3). Prerequisites: A grade of “C” or better in CTE 1401, CTE 3806, and ECO 2013 or ECO 2023. Economic factors of production, marketing, and consumption of textile products. The impact of legislation, regulations, and international trade on the global textile and apparel market. (Spring/Summer semesters only.)

CTE 4463r. International Textile and Apparel Product Development. Prerequisites: CTE 1401 and CTE 1401L. Study of 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 (9) semester hours.

CTE 4517. Historic and Ethnic Textiles (3). Prerequisites: A grade of “C” or better in CTE 1401, CTE 1401L, and CTE 3515 or CTE 3516. Selected western and non-western textile developments from ancient to modern times, and their relationships to technologi- cal, economic, political, social, religious, aesthetic, and cultural influences. Introduction to historic textiles conservation and research.

Textiles and Consumer Sciences 449
Prerequisite: CTE 3806. This course examines the impact 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 4557r. 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 (6) semester hours.

CTE 4707. International Topics in Design Industry (3). Prerequisite: CTE 3201. 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 4712. Special Problems in Clothing Design (3). Prerequisites: A 2.5 GPA as well as a grade of “C” or better in CTE 3341, CTE 3734, CTE 3784, CTE 4738, and CTE 4752. Functional and creative designs for individuals with special needs. Research and problem solving in a specialized area of apparel design. Open to apparel design majors only. (Spring semester only.)

CTE 4725r. Advanced Apparel Design (3–6). Prerequisites: A 2.5 GPA as well as a grade of “C” or better in CTE 3341, CTE 3734, and CTE 4734. This course leads to the development of a professional-design portfolio to be used by students in job interviews. Focus is on advanced design and presentation techniques, as well as the use of new media and computer-design systems including U4ia, Adobe Photoshop, and Adobe Illustrator.

CTE 4752. Design by Draping (3). Prerequisites: CTE 3341, CTE 3734, and CTE 3742. This course covers the fundamentals of draping on the human form as a method of fashion.

CTE 4773. Computer Applications in Apparel Design (3). Prerequisites: A 2.5 GPA as well as a grade of “C” or better in CTE 3341, CTE 3734, and CTE 3752. This course examines the use of the computer as a design tool to conceptualize apparel design ideas and create original artwork, patterns, and markers. Open to apparel design majors only. (Spring semester only.)

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 (9) semester hours.

CTE 4811. Retail Merchandising Planning Strategies (3). Prerequisites: Senior standing, a 2.75 GPA, as well as a grade of “C” or better in CTE 3806, CTE 4822, and MAR 3023. This course provides an overview of strategic planning viewed as a framework for retail-firm decision making. The course requires students to travel to and live at international sites in order to gain a perspective on the influence of fashion on economic, social, artistic, and global culture.

CTE 4822. Quantitative Merchandising Management (3). Prerequisites: A 2.75 GPA as well as a grade of “C” or better in CTE 3431, CTE 3734, and CTE 3742. This course examines and formulates solutions in merchandise buying: planned stock, 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 2.75 GPA as well as a grade of “C” or better in CTE 3201, CTE 3341 or CTE 3763, CTE 3602, CTE 4822, CTE 3835, and MAR 3023. This course examines and formulates solutions in merchandise buying: planned stock, open-to-buy, markups, markdowns, and other buying formulas. Must be taken in summer or semester immediately prior to intern block.

CTE 4832r. Family-Owned Business: Issues and Trends (3). Discussion of issues resulting from the interaction between a family and the business that is owned by that family. Guest speakers include family business owners, bankers, accountants, lawyers, and government officials who deal with family businesses. (Summer only.)

CTE 4882. Professional Merchandising Internship (5). (S/U grade only.) Prerequisites: A 2.75 GPA as well as a grade of “C” or better in CTE 3806, CTE 3835, CTE 4822, and MAR 3023. Corequisites: CTE 4811, CTE 4890, and CTE 4892. An internship in a retail setting giving the student an understanding of merchandising functions by positioning the student in retail management, buying, or product development. Both professional development and career preparation are emphasized. This course is part of the intern block for merchandising majors only.

CTE 4890. Executive Merchandising Management (3). Prerequisites: A 2.75 GPA as well as a grade of “C” or better in CTE 3806, CTE 3835, CTE 4822, and MAR 3023. Roles and responsibilities of executive merchandising managers in retail culture; critical competitive challenges in global, quality, social, and technological environment of various retail settings. This course is part of the intern block for merchandising majors only.

CTE 4892. Intern/Career Preparation (1). Prerequisites: A 2.75 GPA as well as a grade of “C” or better in CTE 3806, CTE 3835, CTE 4822, and MAR 3023. Corequisites: CTE 4811 and CTE 4890. Preparation for merchandising internships and retail careers. 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 2.5 GPA. May be repeated to a maximum of six (6) semester hours.

CTE 4937r. Special Topics (1–3). Analysis of current issues and practices in textiles and consumer sciences. May be repeated to a maximum of twelve (12) semester hours as topics vary.

CTE 4940. Apparel Design Internship (6). (S/U grade only.) Prerequisite: A 2.75 GPA as well as a grade of “C” or better in CTE 4725. This course is an internship in the apparel industry, giving students a better understanding of apparel design functions by positioning students in apparel design and manufacturing. The internship will incorporate applied problems in apparel design and manufacturing, emphasizing student participation in business and industry.

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 (9) 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.

HOE 3050. Developments and Trends in Home Economics (2). Course covers professionalism, career awareness, the job market, and current trends and developments in the home economics sciences.

HOE 3330. Human Sciences and Human Development: Global Perspectives (3). A study of the uniformity of basic human needs worldwide and the diverse ways of meeting them according to culture, climate, and resources using family as the core coordinating and delivery system.

Graduate Courses

COA 5906r. Directed Individual Study (1–3). (S/U grade only.)

COA 5912r. Supervised Research (1–3). (S/U grade only.)

COA 5942r. Supervised Teaching (1–3). (S/U grade only.)

COA 5945r. Consumer Education Practicum (3–6).

COA 6936r. Special Topics: Consumer Economics or Resource Management—topics vary (1–9).

CTE 5426r. Recent Developments in Textiles (3).

CTE 5535r. Advanced History of Costume (3).

CTE 5536r. Selected Studies in Historic Textiles (3).

CTE 5538. Historic Textiles and Clothing Management (1–4).


CTE 5709r. Apparel Design Concepts (2–4).

CTE 5729r. Experimental Clothing Design (3–4).

CTE 5754r. Advanced Draping (3).

CTE 5768r. Creative Design: Exhibition and Competition (3).

CTE 5769r. Functional Apparel Design (3–4).


CTE 5807. Retail Merchandising Concepts (2–4).

CTE 5815. Retail Technologies (3).

CTE 5816. Merchandising Organization (3).

CTE 5828. Merchandising Buying (3).


CTE 5834. Merchandising Theory and Research (3).

CTE 5884. Advanced Fashion Merchandising Practicum (4). (S/U grade only.)

CTE 5906r. Directed Individual Study (1–3).

CTE 5911r. 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 5960r. Readings in Clothing and Textiles (1–3). (S/U grade only.)

CTE 5962r. Clothing and Textiles Seminar (1).

CTE 6936r. Special Topics in Clothing/Textiles/Fashion Merchandising (3).

HHE 5347. International Home Economics (1–3).

HHE 6938r. Proseminar in Home Economics (1–2). (S/U grade only.)

For listings relating to graduate course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the Graduate Bulletin.
School of
THEATRE

COLLEGE OF VISUAL ARTS, THEATRE AND DANCE

Chair: C. Cameron Jackson; Professors: Chappell, Dahl, Jordan, Muscha, Redmond, Richey; Associate Professors: Coleman, Cooper, Gelabert, Hale, Hogan, Jackson, Lickson, Sandahl; Assistant Professors: Baldyga, Bollinger, Delorey, Dietz, Eginton, Ek, Maines, Malave-Babel, Mayorga, Osborne, Osowski, Rowell; Instructor: Patterson; Burt Reynolds Eminent Scholar Chair in Theatre: TBA; Hoffman Eminent Scholar Chair in Theatre: TBA; Professors Emeritus: Baker, Fallon.

The School of Theatre is a fully accredited member of the National Association of Schools of Theatre, and its degree requirements are in accordance with the latest published regulations of that association. The School of Theatre offers degrees and course work 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 music theatre. The Master of Arts/Master of Science (MA/MS) degrees offer a blend of academic courses and production training on an advanced level. The Master of Fine Arts (MFA) degree provides training to achieve professional level competency skills in directing, acting, scene design, costume design, lighting design, technical production, or theatre management.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in the BA program in theatre and the BFA programs in acting or music theatre satisfy this requirement by earning a grade of "C–" or higher in ARE 4455, ART 4926C, CGS 2060, CGS 2064, CGS 2100, EME 2040, or MUS 2360.

State of Florida Common 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/navigation/detail_ext/cpp_intro.do?pageId=060304 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 THE X001-X035: any three (3) credit hour introductory course at the 1 or 2 level
2. THE X305 or THE X300
3. THE X925
4. TPA X290
5. TPA X200 or TPA X210
6. TPP X190 or TPP X110
7. THE XXXX and/or TPA XXXX and/or TPP XXXX: nine (9) additional credit hours of any combination of THE, TPA, or TPP courses

Requirements

Admission to Majors

Students should contact the School of Theatre Office of Academic and Student Services regarding admission requirements and procedures for the majors, or visit the School of Theatre Web site at http://theatre.fsu.edu.

Attendance Requirement for All School Events

All undergraduate students in the School of Theatre must register for THE 4990 every Fall and Spring in which they are enrolled as a theatre major. This course is a zero 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 theatrical courses or any other University courses. Liberal studies requirements for the baccalaureate degree must be met. Twenty-four semester hours of course work must be taken outside of the major, in addition to liberal studies. Hours taken to satisfy the Bachelor of Arts (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 course work in theatre is required. Contact the Office of Academic and Student Services in the School of Theatre for a complete list of requirements.

Note: At least eighteen 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 Bachelor of Fine Arts program is designed to provide the necessary foundation for specialization at the graduate or professional level. Admission to the program is highly selective. A student seeking to enter the program must offer, in addition to an acceptable GPA, an acting and/or music audition, and a complete application packet. Continuation in the program is dependent not only upon academic performance but also upon development of talent and skill potential as evaluated by faculty assessment. A student’s work and commitment are under continuous review, and any candidate who fails to maintain high standards will be dismissed from the program. Although it is possible to complete all requirements within four years, it is likely that a
successful course of study will take longer, since graduation depends as much on demonstrated proficiency as on credit hours. 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; TIP 2110, 2111, 2190L, 3510, 3511, 3710, 3711, 4112, 4512, 4712, 4922; THE 3214, 4260, 4305, 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, 1124; MVV 3532, 4542; THE 3214, 4305, 4244, 4245; TPA2248; TIP 2110, 2111, 3510, 3511, 4112, 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 proscenium theatre with continental seating for 500 patrons. Stage equipment includes a turntable, a counterweight system, hydraulic orchestra pit, a computer lightboard, a four-channel sound system, light and sound shops, two large-group dressing rooms, and two private dressing rooms. The Studio, or Augusta Conradi, is a theatre house for 200 patrons. The stage equipment includes a rope system, a preset lightboard, a single channel sound system, a light and sound control booth, green room, two group dressing rooms, and a small scene shop. The auditorium is used as a lecture classroom and demonstration laboratory.

The Lab is a flexible theatre space used in prosenium, thrust, arena, and open configurations. There is a variable seating capacity depending on each production’s staging requirements. There is a lighting grid, 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 proscenium space with flexible seating. The space is used as a classroom space, rehearsal space, and as a performance space.

Definition of Prefixes

THE—Theatre Studies and General Resources
TPA—Theatre Production and Administration
TPP—Theatre Performance and Performance Training

Undergraduate Courses


THE 2010. Introduction to Theatre for Majors (3). A survey course of the field of theatre, its various divisions, and the School of Theatre. Preparation for independent research and communication about the profession and the school.

THE 2083r. Theatre Problems (3). Topics change per semester depending upon instructor. May be repeated to a maximum of six (6) semester hours.

THE 2100. Introduction to Theatre History (3). Survey of theatre history and drama from Greeks to present.

THE 2321r. World Theatre History I (3). Prerequisite: THE 2020. Explores the staging practices and dramatic literature of classical Greece and Rome; medieval Europe and Japan; Renaissance England, Italy, and France; and 18th-century Western Europe.

THE 2324r. World Theatre History II (3). Explores the staging practices and dramatic literature from the 19th century to the present. Specific units include romanticism, melodrama, the rise of realism, avant-garde theatre movements in America and Europe, European innovations 1960s–1990s, and contemporary dramatic theory.

THE 3931r. Special Topics in Theatre (3). (S/U grade only) Topics change per semester depending upon instructor. May be repeated to a maximum of six (6) semester hours.

THE 4046. Disability and Representation (3). Prerequisite: THE 2020, THE 3213, or THE 3214. This course offers an advanced introduction that surveys the way in which the representation of people with disabilities is portrayed in American theatre, film, television, and popular media. The course explores the cultural, social, and political contexts of the representation of people with disabilities in American theatre. It looks at how disability is represented in American culture, and the ways in which disability is constructed, challenged, and reconstructed in American theatre. It engages students in close reading, and explores how disability and representation are intertwined in American culture, and how they are linked to issues of race, class, and gender. The course provides students with the tools and strategies to critically analyze disability representations, and to engage in dialogue about the role of disability in American culture.

THE 4110. European Theatre History I (3). Prerequisite: THE 3214. An in-depth study of European theatre history from the Greeks through the Renaissance.

THE 4111. European Theatre History II (3). Prerequisite: THE 3214. An in-depth study of European theatre history after the Renaissance, with a major emphasis on the modern era (1870 to the present).


THE 4244. Musical Theatre History I (3). Prerequisite: THE 3214, MUL 2211, DAN 4115, or instructor permission. A survey of the popular musical theatre from the beginnings to the 1940s, including the development of comic opera, operetta, the revue tradition, and musical comedy.

THE 4245. Musical Theatre History II (3). Prerequisite: THE 3214, MUL 2211, DAN 4115, or instructor permission. A survey of musical theatre in America since the 1940s, including Rodgers and Hammerstein, Weill, Lerner and Loewe, Loesser, Bernstein, Sondheim, the Black musical, and the rock musical.

THE 4260. Historic Costume for the Stage (3). Prerequisite: THE 3214. Survey of history of Western clothing and relationship to stage. Examination of the cultural and artistic origins of Latin-American and Caribbean theatre. Course includes reading and discussion of plays and articles concerning theatre of various regions.


THE 4438. African Theatre Performance (3). Through exploration of precolonial performance traditions, written plays, and contemporary popular culture, this course examines the cultural and political complexities of selected countries of sub-Saharan Africa.

THE 4441. Dramaturgy (3). Prerequisites: THE 3214, THE 4305, and/or instructor permission. This course is an introduction to production dramaturgy with emphasis on conducting research and preparing written reports. Topics include surveys of the critical literature, cultural background, and biography, production history, and text preparation.

THE 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

THE 4913r. Theatre Tutorial (1–3). (S/U grade only). Selected topics in theatre. Upper division theatre majors only. May be repeated to a maximum of six (6) semester hours.

THE 4917r. Honors Work (1–6). Open only to students in the honors program. Covers specialized honors course work culminating in an honors thesis. May be repeated to a maximum of nine (9) semester hours.

THE 4923r. Theatre Encounters Workshop (3). Prerequisite: Instructor permission. A creative workshop production of a major dramatic work together with extensive study of the source material, cultural context, and historical events. Includes research and written assignments. May be repeated to a maximum of six (6) semester hours.

THE 4935r. Selected Subjects in Theatre Studies (3). In-depth examination of various topics not covered in the regular course offerings. For seniors and juniors who have completed at least fifty percent of their major requirements. May be repeated to a maximum of nine (9) semester hours.

THE 4954r. Capstone course in theatre. Emphasis is placed on reflecting upon skills and competencies developed in the course of study and translating those elements to future activities including work and graduate school.
Prerequisite: TPA 2201. Introduction to tools and traditional materials.

TPA 2201L. Principles of Technical Theatre (3). Prerequisites: TPA 2201 and TPA 2201L. Provide understanding of operation and management of scene shop as well as studying different and advance techniques of theatrical production. New materials and adaptations of existing materials will be studied.

TPA 2248. Stage Makeup (2). Introduction to basic makeup for the stage. Emphasis is on modeling of the face with makeup.

TPA 2291–2292. Technical Theatre Laboratory [one (1) hour each]. Prerequisite: Instructor permission. Exploration of the elements and principles of design as they relate to stage design. Basic techniques covered include dyes, painting media, printing processes, sewing, and off-camera techniques.

TPA 2246. Designing and Constructing Makeup, Hair, and Wigs (3). Prerequisites: TPA 2260 and TPA 4040. This course examines makeup, hair, and wig styles popular throughout history. Students acquire practical experience in design and constructing makeup, hair, and wigs.

TPA 2250. AutoCAD for the Stage (3). Students 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 2211. Principles of Technical Theatre (3). Prerequisites: TPA 2201 and TPA 2201L. Provides an overview of the lighting design process for a variety of spaces from concept to finished product. Emphasis is on script analysis, producing light plots, and basic drawing techniques.

TPA 2212. 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 2214. Technical Theatre Practices II - Scenery, Scene Painting and Front-of-House (3). This course offers an introduction to theatre scenery and scenery painting practices.

TPA 3208. Drafting for the Stage (3). Prerequisite: TPA 2201. Introduction to tools and techniques, including preparation of plates showing construction details and perspective.

TPA 3230. Costuming I (3). Prerequisite: TPA 2201L. This introductory costume sewing class is intended to instruct students in the craft of sewing costumes for use on the stage. The class focuses on commonly accepted sewing practices used in costume shops throughout the country.

TPA 3293, 3294. Technical Theatre Laboratory [one (1) hour each]. Prerequisite: Instructor permission. A broad experience in the nonacting areas of theatre production, to include running the box office, disseminating publicity materials, constructing scenery and properties, applying basic techniques for costume construction in practical situations, and serving on lighting, running, or maintenance crews.

TPA 3335. 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 drawing techniques.

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 paper models as well as practical aspects of lighting in both the prosenium and non-prosenium venues.

TPA 4024. Lighting Design III (3). Prerequisite: TPA 4021. This course encompasses lighting design for a variety of production styles such as musicals, opera, dance, comedy, and tragedy.

TPA 4040. Costume Design for the Stage (3). Prerequisite: TPA 4201. This course encompasses costume design for the stage and film. Students learn the elements of costume design and how to apply them to the stage. The course includes script analysis, producing light plots, and the creation of a costume design.

TPA 4042. Rendering for the Stage (3). This course is designed to provide a clear process for developing a design idea and executing the final presentation.

TPA 4090r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

TPA 4905r. Directed Individual Study (1–3). May be repeated to a maximum of eight (8) semester hours.

TPA 4922r. BFA Design/Technology Workshop (2). Prerequisite: BFA candidates only. Evaluation and supervision of all design/technology work. May be repeated to a maximum of twelve (12) semester hours.

TPA 4940r. Internship in Stage Design, Technical Theatre, and Management (1–3). (S/U grade only.) Prerequisites: Completion of all course work in theatre and instructor permission. Residence internship is one (1) semester in a professional theatre, shop, or enrichment center. May be repeated to a maximum of six (6) 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 (9) 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 (9) semester hours.

TPP 2120. Creative Improvisation: Form and Idea in Acting (2). Introductory course in the exploration of form and idea through the process of 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 supervision and critique, as well as credit, for participation in rehearsal and performance.

TPP 2191L, 2192L, 4193L–4195L. Theatre Rehearsal and Performance (two [2] 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 2710. Voice I (3). This course introduces students to the basic principles of voice training. Group and individual exercises are designed to stimulate and develop the imagination, physical and sensory awareness, 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 (9) hours.

TPP 3103. Performance II (3). Prerequisite: TPP 2100. Exploration and development of a range of fundamental tools of the acting process, with particular emphasis on vocal production and physical expression in the context of creating and rehearsing scenes and monologues drawn from significant modern and contemporary playwrights, ending with an introduction to the performance of classical Shakespearean texts.

TPP 3265. 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 media. It explores how actors prepare, rehearse, and perform differently in front of the camera as compared to an onstage production.

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 (6) semester hours.

TPP 3511r. Movement Techniques for Theatre II (3). Prerequisite: TPP 3510r and/or instructor permission. Styles of movement and dance, creative presentations, and daily warm-ups. May be repeated to a maximum of (6) semester hours.

TPP 3711r. Voice II (3). Prerequisite: TPP 2710r. This course continues the study of the first-year basic skills in speaking for the student actor. All actors who are on a professional track or are in the Bachelor of Fine Arts program must have thorough knowledge of the speaking voice for the stage, how to use it in their acting studios and stage performances, and how to be a more effective speaker in their everyday life. May be repeated up to nine (9) hours.

TPP 4112r. Acting Techniques III: Acting Problems in Genre and Style (3). Prerequisites: TPP 2110r, TPP 2111r, TPP 3711r, and/or instructor permission. Acting workshop oriented to particular problems the actor confronts in dealing with historic periods in dramatic literature or material of postrealistic and contemporary styles and thought. May be repeated to a maximum of nine (9) semester hours.

TPP 4224. Audition Techniques (3). Course is designed as a workshop for advanced actors who are preparing to enter college, university drama 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: THE 4315. A basic techniques course with emphasis on script analysis, fundamentals of staging, and work with actors.

TPP 4512r. Advanced Movement for the Theatre (3). Prerequisite: TPP 3510r, TPP 3511r, and/or instructor permission. Advanced movement techniques and exploration of repertoire and choreography. May be repeated to a maximum of (6) semester hours.

TPP 4531. Stage Combat (3). Prerequisites: TPP 2100 or TPP 2110 and instructor permission. This course explores the development of physical dialogue through armed (rapiers 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 marketing.

TPP 4712r. Voice III (3). Prerequisites: TPP 2710r and TPP 3511r. 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 (9) semester hours.

TPP 4713r. Voice IV: Vocal Imagination (3). Prerequisite: TPP 4712. This course is primarily designed to expand the vocal imagination of the student actor. The International Phonetic Alphabet is introduced in an organic manner as a primary tool in the adoption of different speech patterns and dialects that are natural to each student actor. This course includes a “Speech Sound Donor Project,” in which the student actor must study and implement a dialect different from their own natural one, and then must teach it to the group at large. May be repeated to a maximum of six (6) semester hours.

TPP 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. Scenic study and monologues performed in dialects. Content may vary from semester to semester. May be repeated to a maximum of six (6) semester hours.

TPP 4905r. Directed Individual Study (1–3). May be repeated to a maximum of twelve (12) semester hours.

TPP 4922r. Performance Workshop in Acting/Directing (2). Prerequisites: BFA candidates only and instructor permission. Course provides evaluating systemization, supervision, and critiques for performance work required for BFA program. May be repeated to a maximum of ten (10) semester hours.

TPP 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 seek their solution in performance. May be repeated to a maximum of eight (8) semester hours.

TPP 4940r. Internship in Theatre Performance (1–3). (S/U grade only.) Prerequisites: Completion of all course work in theatre; instructor permission. Resident internship in an approved professional theatre, shop, or enrichment center. May be repeated to a maximum of six (6) semester hours.

Graduate Courses

THE 5065. Disability and Representation (3).

THE 5084r. Theatre Problems (3).

THE 5120. Advanced Theatre History I: Classical and Medieval (3).

THE 5130. Advanced Theatre History II: Renaissance and 18th Century (3).

THE 5160. Advanced Theatre History III: 19th and 20th Centuries (3).


THE 5246. Musical 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 5485. Shakespearean Dramaturgy (3).

THE 5486. Graduate Dramaturgy (3).

THE 5765. Performance I for Theatre Educators (3).

THE 5770. Theatre History and Literature I for Theatre Educators (3).

THE 5771. Theatre History and Literature II for Theatre Educators (3).

THE 5772. Theatre History and Literature III for Theatre Educators (3).

THE 5905r. Directed Individual Study (3). (S/U grade only.)

THE 5910. Theatre Bibliography and Research (3).

THE 5916r. Supervised Research (1–5). (S/U grade only.)

THE 5918r. Theatre Tutorial (1–3).

THE 5925r. Writing Workshop (1–3). (S/U grade only.)

THE 5927r. Graduate Theatre Laboratory (2). (S/U grade only.)

THE 5940r. Internship in Theatre (2–12). (S/U grade only.)

THE 5943r. Supervised Teaching (1–5). (S/U grade only.)

HE 6531. Methods of Theatre Criticism (3).

HE 6915. Doctoral Research Potentials (0). (S/U grade only.)

PA 5015. Stage Machinery Design and Construction (3).

PA 5016. Model Making (3).

PA 5025. Lighting Design I (3).

PA 5026. Lighting Design II (3).

PA 5027. Lighting Design III (3).

PA 5028. Lighting Design IV (3).

PA 5029. Lighting Design V (3).

PA 5042r. Advanced Costume Design for the Stage (3).

PA 5047. Advanced Costume Rendering (3).

PA 5062. Scene Design: Theory and Practice (3).

PA 5065. Principles of Scene Design (3).

PA 5067r. Scene Design III (3).

PA 5069r. Scene Design IV (3).

PA 5079. Scene Painting (3).

PA 5080r. MFA Practicum in Design for the Stage (2–15).

PA 5086. Life Drawing for Designers (3).

PA 5089. Advanced Technical Theatre: Problems in Scene Painting (3).

PA 5098. Theatrical Design for Theatre Educators (3).

PA 5203. Drafting (3).

PA 5207. Technical Directions (3).

PA 5213. Stage Rigging (3).

PA 5227. Theatrical Lighting Technology (3).

PA 5235r. Selected Topics in Stage Costuming and Makeup Technology (3).

PA 5236. Advanced Costume Crafts (3).

PA 5237r. Selected Topics in Costume Design for the Stage (3).

PA 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 Patterning (3).
TPA 5306. Structural Design for the Stage II (3).
TPA 5310. Structural Design for the Stage I. (3).
TPA 5315. Physics of Stage Machinery (3).
TPA 5335. Costume Design for Dance (3).
TPA 5336. Costume Design for Film and Television (3).
TPA 5355. Lighting Software for Theatre (3).
TPA 5356. Computer Rendering for Costume Designers (3).
TPA 5385. Technical Production for Theatre Educators (3).
TPA 5386. Advanced Technical Production for Theatre Educators (3).
TPA 5405. Principles of Theatre Management (3).
TPA 5407. Fundraising in the Arts (3).
TPA 5408. Business and Legal Issues in the Arts (3).
TPA 5409. Audience Development and Arts Marketing (3).
TPA 5425. Fiscal Management and Economics in the Arts (3).
TPA 5470r. MFA Practicum in Management (2–15).
TPA 5471. Leadership and Organizational Management in Arts (3).
TPA 5905r. Directed Individual Study (3). (S/U grade only.)
TPA 5930r. Select Topics in Management (3).
TPA 5931r. Select Topics in Stage Design (3).
TPA 5940r. MFA Internship in Technical Theatre, Stage Design, and Management (2–15).

TPP 5145r. 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 5651. Advanced Play Analysis (3).
TPP 5715r. Voice I (3).
TPP 5716r. Voice II (3).
TPP 5906r. Directed Individual Study (3). (S/U grade only.)
TPP 5940r. MFA Internship in Theatre Performance (2–15). (S/U grade only.)

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

TRANSPORTATION AND TRAFFIC ENGINEERING: see Civil and Environmental Engineering

TRANSPORTATION PLANNING: see Urban and Regional Planning
Department of Urban and Regional Planning

College of Social Sciences and Public Policy

Chair: Tim Chapin; Professors: Deyle, Thompson; Associate Professors: Audirac-Zazueta, Chapin, Doan, Miles; Assistant Professors: Brown, Coutts, Lowe; Research Associate: Saunders; Assistant in Planning: Koeppe; Professors Emeriti: Cowart, Frank, Rubino

Urban and regional planning is an interdisciplinary field that is concerned with the management of population growth and decline in urban, suburban, and rural areas. It is concerned with the uses of land to accommodate population; the provision of employment, services, and facilities needed by this population (for example, housing, hospitals, roads and other transportation facilities, schools, parks and recreation, and health services); and the impacts of this population on the environment (air, water, and land), society, and governance. Planners study these issues and develop policies and plans to accommodate population growth and the problems that arise from this growth. Planners are concerned with the development of coordinated policy responses to these issues; they practice a broad view that focuses on the interrelationships between problems and the necessary interrelatedness of solutions. Above all, planners are concerned with improvements to the quality of life of our communities. They attempt to address these issues in ways that recognize the diverse interests of both genders and those of varying social and economic groups.

Planning is practiced at all levels of government, including local, regional, state, multinational, and national levels. Planners are also found in the private sector; in the employment of development firms, law firms, banks, and specialized resource firms (mining, forestry, etc.); in public interest organizations; and in international settings.

The Department of Urban and Regional Planning offers three nonmajor programs for undergraduates interested in planning and urban affairs. These programs are designed to complement an existing major for those students who wish to develop an appreciation of planning or who wish to lay the foundation for graduate study in planning. These programs are the undergraduate planning studies minor, certificate and pregraduate programs. Within each of these three programs, students may satisfy their minor requirements.

Because of the variety of issues and contexts within which planners work, there is no one undergraduate background that is universally more important than others. Students may combine their interests in planning and urban affairs with undergraduate majors in the variety of social sciences, physical or natural sciences, business, engineering, design professions, communications, criminal justice and criminal justice, and others.

Planning Studies Minor Program

This program is designed for students who wish to apply their major field to problems and issues in planning and urban affairs. The program consists of a series of courses at the 3000 and 4000 levels that provide an overview of planning and planning that introduce the student to issues, organizations, policies, and implementation strategies. Students may earn a minor in urban and regional planning by completing a four-course sequence that is composed of three required courses and one elective course. URP 3000 is a prerequisite for all of the required and elective courses. Electives are chosen from a list of three courses representing the major policy areas taught by the department. These include growth management and comprehensive planning, planning for developing areas, environmental planning and resource management, housing and community development, and transportation planning.

Students interested in the planning studies minor program are advised to see the department’s Director of Undergraduate Programs for advice on the availability of courses.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URS 1006</td>
<td>World Cities</td>
</tr>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development</td>
</tr>
<tr>
<td>URP 4022</td>
<td>Collective Decision Making</td>
</tr>
</tbody>
</table>

Elective Courses (Choose One)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 4314</td>
<td>Introduction to Growth Management and Comprehensive Planning</td>
</tr>
<tr>
<td>URP 4318</td>
<td>Growth Management and Environmental Planning</td>
</tr>
<tr>
<td>URP 4402</td>
<td>Sustainable Development Planning in the Americas</td>
</tr>
<tr>
<td>URP 4404</td>
<td>River Basin Management and Planning</td>
</tr>
<tr>
<td>URP 4423</td>
<td>Introduction to Environmental Planning and Resource Management</td>
</tr>
<tr>
<td>URP 4618</td>
<td>Introduction to Planning for Developing Regions</td>
</tr>
<tr>
<td>URP 4710</td>
<td>Introduction to Transportation Issues and Transportation Planning</td>
</tr>
</tbody>
</table>

URP 4741 Introduction to Issues in Housing and Community Development

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 advisor.

Pre-Graduate Program

This undergraduate program is designed for students who anticipate continuing to graduate school to earn the professional Master’s degree in planning. Students in this program are given the opportunity to begin graduate-level course work in their senior year and thereby may satisfy some of the requirements of a graduate degree while still completing their undergraduate credit hour requirements. This program is closely coordinated with the department’s graduate program, offering students the possibility of preferred admission with advanced standing at the graduate level. Students make application for advanced standing after admission to the master’s program.

The pre-graduate program allows acceleration toward the Master of Science (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 pregraduate program is available only to those undergraduates who are beginning in their senior year and who have maintained a cumulative FSU grade point average (GPA) of at least 3.2 or who have earned a score of at least 1000 on the combined verbal and quantitative portions of the GRE and who have taken or are registered for URP 3000. Students completing this program with an upper-division GPA of at least 3.0 may be offered admission to the master’s program in planning with advanced standing for up to twelve semester hours of course work in which the grade of “B” or higher was earned.

Required Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URP 3000</td>
<td>Introduction to Planning and Urban Development (3)</td>
</tr>
</tbody>
</table>

Elective Courses (Choose One to Four)

Students interested in the pre-graduate program are advised to see the department’s Director of Undergraduate Programs for advising on appropriate courses to take.

A guide to undergraduate studies in urban and regional planning is available from the department and should be consulted by all students enrolling in the minor 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. Approved under the requirement for diversity in western cultures (Y) is: URP 4402 Sustainable Development Planning in the Americas.

Definition of Prefixes

URP—Urban and Regional Planning

URS—Urban and Regional Studies

Undergraduate Courses

Liberal Studies Area III

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>URS 1006</td>
<td>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.</td>
</tr>
</tbody>
</table>
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). Prerequisites: 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 to identify issues and to study current trends in planning. The second portion of this course covers new 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. Examines various dimensions of the "sustainable development" paradigm and its local-global policy implications, issues, and controversies with a focus upon North America and Latin America. Organized in three modules: 1) environmental philosophies that have influenced the movement; 2) North American approaches to planning for sustainable development; and 3) critical issues of sustainable development in Latin 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 world river basin systems as well as on the local Apalachicola-Chattahoochee-Flint basin. Students are introduced to technical concepts and tools, including negotiation and math simulation tools.

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 4531. Policy and Planning for the Aged (3). This course examines issues faced by older people and the current federal and state policies designed to address these issues. It explores these policies and issues in the context of both political economy and the long-term care continuum from independence to dependence.

URP 4618. Planning for Developing Regions (3). Prerequisite: URP 3000 or 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 4741. 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 (6) semester hours.

Graduate Courses

Planning Theory and Practice

URP 5001. 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 5844. 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 Regions

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).

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).

Health Planning

URP 5522. Regulatory Aspects of Health Care (3).

URP 5530. Policy and Planning for the Aging (3).

Other Courses for Graduate Students

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

URP 5910r. Directed Individual Research (1–3). (S/U grade only.)

URP 5930r. Professional Topics in Urban and Regional Planning (0). (S/U grade only.)
**URP 5939r.** Special Topics in Urban and Regional Planning (0–3).
**URP 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 course work for thesis, dissertation, and master’s and doctoral examinations and defense, consult the *Graduate Bulletin.*

---

**VISUAL DISABILITIES:**
see Childhood Education, Reading, and Disability Services
Program in WOMEN'S STUDIES

College of Arts and Sciences

Director: Joyce Carbonell (Psychology/Women's Studies); Assistant in Women's Studies: Doris Gray (Women's Studies/Modern Languages);
Participating Faculty: Pohl (Anthropology); Hartwell (Art); Fimegan (Art Education); Becvar (Art History); Gilmer (Chemistry); N. DeGrammond, Fulkerson, Sickinger, Tatum (Classics); Jordan, Laurents, Nudd (Communication); Young (Dance); MacDonald, Monkman, Schwartz (Educational Leadership and Policy Studies); Barbour-Brennan, Cooper, Edwards, Gardner, Goodman, Laughlin, McGregory, Montgomery, Ortiz-Taylor, Picart, Rowe, Saladin, Walker (English); Green, Hadden, Herrera, Sinke (History); Boutin, Cappuccio, Cloonan, Graham-Jones, Poey, Sharpe, Stanley, Walters (Modern Languages and Linguistics); Davis (Nursing); Marcus (Oceanography); Morales (Philosophy); Kemp (Political Science); Carbonell (Psychology); Erndl, Kalbhan, Kavka (Religion); Maxwell, Vinton, Wilke (Social Work); Brewster, Isaac, Martin, Padavic, Reid, Tillman (Sociology); Lynn (Sport Management); Gonzalez, Sandahl (Theatre); Miles (Urban and Regional Planning); Adjunct Faculty: Sute-Pienta

Women's Studies courses are taught by faculty in more than 20 departments throughout the University.

Women's Studies is an interdisciplinary and interdepartmental program that examines the status, accomplishments, and perspectives of women in history, culture, and contemporary society. Women's Studies further seeks to delineate the richness and diversity of women's experiences and viewpoints by exploring the dynamics of gender, race, culture, and class.

By placing women at the center of inquiry, Women's Studies courses offer new perspectives on human history and the human condition. Using gender as a category of analysis, these classes examine the systematic arrangements in society that have shaped the lives of women and men and reevaluate traditional gender-based stereotypes. The courses foster critical analysis of assumed truths about society by examining paradigms based upon the feminist scholarship of the last three decades. By encouraging inquiry into the full range of the human experience, Women's Studies enriches the University curriculum and prepares students for life in a rapidly changing, complex world.

Students pursuing research in Women's Studies at Florida State University will find a rich array of materials on women and gender in the government document holdings, special collections, and numerous microform manuscript collections of the Strozier Library and in the extensive collections of the College of Law Library, Mildred and Claude Pepper Library, and the Jean Gould Bryant Library of Women's Studies. The nearby State Archives is an additional source of research material.

Women's Studies graduates have described Women's Studies as a versatile major that prepared them for life, not just a career. In particular, graduates have cited its interdisciplinary focus, its attention to developing critical thinking skills, and its ability to empower students with a new sense of their potential and the courage to design their own careers and life plan. Women's Studies graduates can be found in nearly all occupations.

The Women's Studies program offers an undergraduate major within the interdisciplinary bachelor's degree 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://freud.psy.fsu.edu/~womenstudies/.

Admission Requirements

Please review all college-wide degree requirements in the “College of Arts and Sciences” chapter of this General Bulletin.

Any student with a 2.0 grade average who meets the admission requirements of the College of Arts and Sciences is eligible to declare a major in Women's Studies. Students who wish to declare a major in Women's Studies must apply for admission with the Women’s Studies office and complete an advising form.

Computer Skills Competency

All undergraduates at Florida State University must demonstrate basic computer skills competency prior to graduation. As necessary computer competency skills vary from discipline to discipline, each major determines the courses needed to satisfy this requirement. Undergraduate majors in Women's Studies satisfy this requirement by earning a grade of “C–” or higher in CGS 2060, CGS 2064, or CGS 2100.

Requirements for a Major in Women's Studies

Students are required to take thirty-three 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:

a. WST 3015 Introduction to Women's Studies (3)
b. WST 3251 Women in Western Culture: Images and Realities (3)
c. WST 4931 Seminar in Women's Studies (3) or WST 4930r Topics in Women's Studies (3)
d. 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.

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 4561</td>
<td>Women in 19th-Century America</td>
<td>3</td>
</tr>
<tr>
<td>AMH 4562</td>
<td>Women in Modern America</td>
<td>3</td>
</tr>
<tr>
<td>AMH 4565</td>
<td>Colonial and Revolutionary Era American Women's History</td>
<td>3</td>
</tr>
<tr>
<td>CLA 3501</td>
<td>Gender and Society in Ancient Greece</td>
<td>3</td>
</tr>
<tr>
<td>CLA 3502</td>
<td>Women, Children and Slaves in Ancient Rome: The Roman Family</td>
<td>3</td>
</tr>
<tr>
<td>REL 3145</td>
<td>Gender and Religion</td>
<td>3</td>
</tr>
<tr>
<td>REL 3337</td>
<td>Goddesses, Women and Power in Hinduism</td>
<td>3</td>
</tr>
<tr>
<td>REL 4671</td>
<td>Gender and Judaism</td>
<td>3</td>
</tr>
</tbody>
</table>

Group B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 4302</td>
<td>Sex Roles in Cross-Cultural Perspective</td>
<td>3</td>
</tr>
<tr>
<td>LIT 4554</td>
<td>Feminist Theory</td>
<td>3</td>
</tr>
<tr>
<td>PHM 3123</td>
<td>Philosophy of Feminism</td>
<td>3</td>
</tr>
<tr>
<td>PUP 3323</td>
<td>Women and Politics</td>
<td>3</td>
</tr>
<tr>
<td>SOP 3742</td>
<td>Psychology of Women</td>
<td>3</td>
</tr>
<tr>
<td>SPC 4630</td>
<td>Rhetoric of Women's Issues</td>
<td>3</td>
</tr>
<tr>
<td>SYD 3800</td>
<td>Sociology of Sex and Gender</td>
<td>3</td>
</tr>
<tr>
<td>SYO 4374</td>
<td>Gender and Work</td>
<td>3</td>
</tr>
</tbody>
</table>

Group C

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4870</td>
<td>20th Century U.S. Women's Art</td>
<td>3</td>
</tr>
<tr>
<td>FOW 3240</td>
<td>Literature and Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>FRT 3561</td>
<td>French Women Writers</td>
<td>3</td>
</tr>
<tr>
<td>LIT 3383</td>
<td>Women in Literature</td>
<td>3</td>
</tr>
<tr>
<td>LIT 4385</td>
<td>Major Women Writers</td>
<td>3</td>
</tr>
<tr>
<td>SPW 4481</td>
<td>Contemporary Spanish Women Writers (3) (In Spanish)</td>
<td>3</td>
</tr>
<tr>
<td>SPW 4491</td>
<td>Spanish American Women Writers (3) (In Spanish)</td>
<td>3</td>
</tr>
<tr>
<td>THE 4433</td>
<td>Gender, Race and Performance</td>
<td>3</td>
</tr>
</tbody>
</table>

Group D

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ 4683</td>
<td>Female Crime and Delinquency</td>
<td>3</td>
</tr>
<tr>
<td>HOE 3330</td>
<td>Human Sciences and Human Development: Global Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>NUR 3495</td>
<td>Women's Health Issues: Concerns through the Life Cycle</td>
<td>3</td>
</tr>
<tr>
<td>SOW 4108</td>
<td>Women's Issues and Social Work</td>
<td>3</td>
</tr>
</tbody>
</table>
Electives

Nine semester hours may be selected from among the following options: (a) WST 4904r Directed Individual Study in Women’s Studies, WST 4930r Topics in Women’s Studies, WST 4940r Women’s Studies Internship; (b) the cross-listed courses in Groups A-D; (c) approved related courses, special topics courses, seminars, and workshops. Three 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 WST3015 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)
- AMH 4565 Colonial and Revolutionary Era American Women’s History (3)
- ANT 4302 Sex Roles in Cross-Cultural Perspective (3)
- ARH 4870 20th-Century U.S. Women’s Art (3)

Graduate Courses

- AMH 5564 Women in Modern America (4)
- AMH 5567 Women in 19th-Century America (4)
- AMH 5568 Colonial and Revolutionary Era American Women’s History (4)
- ARH 5875 20th-Century Feminist Art Criticism (3)
- EDA 5227 The Role of the Woman Administrator in Education (3)
- EDF 5706 Gender and Education in Comparative Perspective (3)
- HEE 5347r International Home Economics (1–3)
- LIT 5388r Studies in Women’s Writing (3)
- PET 5252 Gender Issues in Sport and Physical Activity (3)
- PET 5257 Lesbian and Gay Sport Studies (3)
- REL 5675 Gender and Judaism (3)
- SOW 5109 Women’s Issues and Social Work (3)
- SOW 5614 Family Violence Across the Life Span (3)
- SOW 5628 Mental Health of Diverse Populations (3)
- SPC 5639 Rhetoric of Women’s Issues (3)
- SPW 5486 Contemporary Spanish Women Writers (3) (In Spanish)
- SYD 5817 Contemporary Theories of Gender (3)
- SYO 5185 Family and Work Linkage (3)
- SYO 5376 Sociology of Gender and Work (3)
- TIE 5437 Gender, Race and Performance (3)
- URP 5544 Gender and Development (3)
- WST 5905r Directed Independent Study (1–3)
- WST 5934r Topics in Women’s Studies (3)
- WST 5936r Interdisciplinary Topics in Feminist Theory (3)

Definition of Prefix

WST—Women’s Studies

Undergraduate Courses

WST 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.

Note: See the appropriate individual departments for full course descriptions.
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 (3) semester hours.

WST 4930r. Topics in Women’s Studies (3). This course explores specific topics or themes in gender/Women’s Studies based on a feminist approach. A variety of topics from different fields of study will be offered from an interdisciplinary perspective. Topics of material not covered in the regular curriculum will be offered. May be repeated to a maximum of nine (9) semester hours.

WST 4931. Seminar in Women’s Studies (3). Prerequisite: At least two women’s-studies core courses. Corequisite: 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 woman’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 (6) semester hours.

WST 4970r. Honors Thesis–Women’s Studies (1–6). Prerequisite: WST 3251. The honors thesis in Women’s Studies is a research document of an interdisciplinary nature, drawing on the various categories in humanities and the social sciences represented in the Women’s Studies program. Permission of WST director required. May be repeated to a maximum of nine (9) semester hours.

Graduate Courses

WST 5905r. Directed Independent Study (1–3). (S/U grade only.)

WST 5934r. Topics in Women’s Studies (3).

WST 5936r. Interdisciplinary Topics in Feminist Theory (3).

WRITING:
see English

ZOOLOGY:
see Biological Science
**Florida State University**

**University Administration**

**Florida Board of Governors**

Sheila M. McDevitt, Chair  
Ava L. Parker, Vice Chair  
John Dasburg  
Ann W. Duncan  
Charles Edwards  
J. Stanley Marshall  
Frank Martin  
Arthur “A.J.” Meyer  
Tico Perez  
Carolyn K. Roberts  
Judith Solano  
Gus Stavros  
John W. Temple  
Norman D. Tripp  
Zachariah P. Zachariah  
Eric J. Smith, Commissioner of Education  
Tampa  
Jacksonville  
Miami  
Tampa  
Ft. Myers  
Tallahassee  
Tallahassee  
Miami  
Orlando  
Ocala  
Jacksonville  
St. Petersburg  
Boca Raton  
Ft. Lauderdale  
Ft. Lauderdale  
Tallahassee

**State Board of Education**

T. Willard Fair, Chair  
Peter Boulware  
Akshay Desai  
Roberto Martinez  
John Padget  
Kathleen Shanahan  
Linda Taylor  
Eric J. Smith, Commissioner of Education  
Miami  
Tallahassee  
St. Petersburg  
Coral Gables  
Key West  
Tampa  
Ft. Myers  
Tallahassee

**Board of Trustees**

Jim Smith, Chairman  
Harold Knowles, Vice Chairman  
Derrick Brooks  
Emily “June” Fleming Duda  
David Ford  
Manny Garcia  
Andrew Haggard  
James Kinsey, Jr.  
Richard McFarlain  
Leslie Pantin, Jr.  
Eric Walker  
Susie Busch-Transou  
Robert Jakubik, SGA President 2009-2010  
Tallahassee  
Tallahassee  
Tallahassee  
Tampa  
Oviedo  
New York  
Winter Park  
Coral Gables  
Ft. Myers  
Tallahassee  
Miami  
Tallahassee  
Tallahassee  
Tallahassee

**University President**

Thomas K. Wetherell  
Executive Assistant  
Cheryl Bakker  
Chief Audit Officer  
David P. Coury  
Director of Intercollegiate Athletics  
Randall Spetman  
General Counsel  
Betty J. Steffens  
Assistant in Administration  
TBA

---

**Provost and Executive Vice President for Academic Affairs**

Lawrence G. Abele  
Dean of the Faculties and Deputy Provost  
Anne Rowe  
Associate Dean of the Faculties  
Jennifer N. Buchanan  
Associate Vice President for Academic Affairs  
Joseph McElrath  
Associate Vice President for Academic Affairs  
E. Joe Nosari  
Executive Assistant to the Provost  
Linda Thompson  
Assistant Vice President for Academic Affairs  
Anne Blankenship  
Dean, The Graduate School  
Nancy Marcus  
Associate Dean, The Graduate School  
Judith Devine  
Associate Dean, The Graduate School  
Mary Ann Moore  
Dean, Undergraduate Studies  
Karen L. Laughlin  
Associate Dean, Undergraduate Studies  
Gregory Beaumont  
Associate Dean, Undergraduate Studies and Director of Community College and Interinstitutional Relations  
Bruce Janasiewicz  
Associate Dean, Undergraduate Studies and Director of Academic Support/Acceptance Program  
Linda Mahler  
Assistant Vice President for Enrollment Management  
John Barnhill  
Director of Admissions  
Janice Finney  
Director of Financial Aid  
Darryl Marshall  
Director of University Honors Program  
Helen Burke  
Director of Center for Academic Retention and Enhancement (CARE)  
Angela Richardson  
University Registrar  
Kimberly A. Barber  
Director of Retention Studies  
Alice Earp  
International Programs  
James E. Pitts  
Director, IT Emergency Preparedness  
H. Carlyle Baker  
Program Director, University Computing Services  
H. Carlyle Baker  
Director of University Computing Services  
J. Michael Barker  
Director, User Services  
David Gaitros  
Director, Information Resource Management and Information Security  
Joseph Lazor  
Director of Learning Systems Institute  
Laura Lang  
Director of the Louise R. Goldhagen Regional Multidisciplinary Evaluation and Consulting Center  
Beverly Ateson  
Director, Undergraduate Research and Creative Endeavors  
Cathy Levenson  
Director, Office of National Fellowships  
Jamie Purcell

---

**Vice President for Planning and Programs**

Robert B. Bradley  
Assistant to the Vice President  
Ruth Feick  
Senior Executive Support Assistant  
Elaine Costa  
Director, University Outreach and Director of Academic and Professional Program Services  
William Lindner  
Director of International Programs  
James E. Pitts  
Dean, University Libraries  
Julia Zimmerman  
Dean, Panama City Campus  
George DePuy
### VICE PRESIDENT FOR RESEARCH

**Kirby W. Kemper**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Executive Support Assistant</td>
<td>Linda McCorvey</td>
</tr>
<tr>
<td>Senior Executive Support Assistant</td>
<td>Lezlee Brand</td>
</tr>
<tr>
<td>Associate Vice President and Greenburg Professor of Biological Science</td>
<td>W. Ross Ellington</td>
</tr>
<tr>
<td>Assistant Vice President</td>
<td>Olivia H. Pope</td>
</tr>
<tr>
<td>Executive Director, JP Development and Commercialization</td>
<td>John A. Fraser</td>
</tr>
<tr>
<td>Director of Sponsored Research Services</td>
<td>Gregory W. Thompson</td>
</tr>
<tr>
<td>Interim Director of Laboratory Animal Resources</td>
<td>Kathleen Harper</td>
</tr>
<tr>
<td>Director of FSU Coastal and Marine Laboratory</td>
<td>Felicia C. Coleman</td>
</tr>
<tr>
<td>Director of National High Magnetic Field Laboratory</td>
<td>Gregory S. Boebinger</td>
</tr>
<tr>
<td>CFO, FSU Research Foundation</td>
<td>Holly Newell</td>
</tr>
<tr>
<td>Director of Sponsored Research Accounting Services</td>
<td>Peter Derham</td>
</tr>
<tr>
<td>Director of Corporate and Foundation Relations</td>
<td>Kim Field</td>
</tr>
<tr>
<td>Director, Center for Advanced Power Systems</td>
<td>Steinar J. Dale</td>
</tr>
<tr>
<td>Director, Institute for Energy Systems, Economics and Sustainability (IESES)</td>
<td>Dave Cartes</td>
</tr>
<tr>
<td>Director of Federal Relations and Economic Development</td>
<td>Raymond Bye</td>
</tr>
<tr>
<td>Legal Counsel</td>
<td>Betty Southard</td>
</tr>
</tbody>
</table>

### VICE PRESIDENT FOR UNIVERSITY RELATIONS

**Lee F. Hinkle**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Executive Support Assistant</td>
<td>Lynna Sands</td>
</tr>
<tr>
<td>President, FSU Alumni Association, Inc.</td>
<td>Scott Atwell</td>
</tr>
<tr>
<td>President, Seminole Boosters, Inc.</td>
<td>Andy Miller</td>
</tr>
<tr>
<td>President, FSU Foundation</td>
<td>Charles Rasberry</td>
</tr>
<tr>
<td>Assistant Vice President for University Relations and Director, University Communications</td>
<td>Franklin D. Murphy</td>
</tr>
<tr>
<td>Assistant Vice President for Community Relations</td>
<td>Donna McHugh</td>
</tr>
<tr>
<td>Assistant Vice President for Governmental Relations</td>
<td>Kathleen Daly</td>
</tr>
<tr>
<td>Director of Broadcast Center</td>
<td>Patrick Keating</td>
</tr>
<tr>
<td>Administrative Director</td>
<td>Aimee Wirth</td>
</tr>
<tr>
<td>Director of Events</td>
<td>Paula Moyer</td>
</tr>
<tr>
<td>Director of Marketing, University Communications</td>
<td>Reinhart Lerch</td>
</tr>
<tr>
<td>Director, Seven Days of Opening Nights</td>
<td>Steve MacQueen</td>
</tr>
<tr>
<td>Director of Special Projects, University Communications</td>
<td>Frances Aidman Conaway</td>
</tr>
<tr>
<td>Director, University Photo Lab</td>
<td>Michele Edmunds</td>
</tr>
<tr>
<td>Director of Visual Media and Promotions</td>
<td>Dennis Schnittker</td>
</tr>
<tr>
<td>Director of News and Public Affairs, Director of Publications</td>
<td>Browning Brooks</td>
</tr>
</tbody>
</table>

### SR. VICE PRESIDENT FOR FINANCE AND ADMINISTRATION

**John R. Carnaghi**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Vice President for Budget, Planning and Financial Services</td>
<td>Ralph Alvarez</td>
</tr>
<tr>
<td>Associate Vice President for Administration</td>
<td>Paul Strouts</td>
</tr>
<tr>
<td>Associate Vice President for Facilities</td>
<td>Dennis Bailey</td>
</tr>
<tr>
<td>Associate Vice President for Technology Integration</td>
<td>Michael Barrett</td>
</tr>
<tr>
<td>Interim Assistant Vice President /Enterprise Resource Planning</td>
<td>Paul Strouts</td>
</tr>
<tr>
<td>Assistant Vice President for Administrative Services</td>
<td>Perry Crowell</td>
</tr>
<tr>
<td>Assistant Vice President for Human Resources</td>
<td>Joyce Ingram</td>
</tr>
<tr>
<td>Assistant Vice President for Information Services</td>
<td>Jeff Bauer</td>
</tr>
<tr>
<td>Executive Associate Director for Athletics</td>
<td>Gary Huff</td>
</tr>
<tr>
<td>Director of University Budgets</td>
<td>Michael Lake</td>
</tr>
<tr>
<td>Director of Business Services</td>
<td>David Leeka</td>
</tr>
<tr>
<td>University Controller</td>
<td>Michael Williams</td>
</tr>
<tr>
<td>Director, Employee Assistance Program</td>
<td>Mary Wilkes</td>
</tr>
<tr>
<td>Director, Environmental Health and Safety</td>
<td>Tom Jacobson</td>
</tr>
<tr>
<td>CFO, FSU Foundation</td>
<td>Jerry Ganz</td>
</tr>
<tr>
<td>CFO, FSU Research Foundation</td>
<td>Holly Newell</td>
</tr>
<tr>
<td>Director, Institutional Research</td>
<td>Jill Kosiewski</td>
</tr>
<tr>
<td>Police Chief</td>
<td>David Perry</td>
</tr>
<tr>
<td>Director of Purchasing and Receiving</td>
<td>Marcie Doolittle</td>
</tr>
<tr>
<td>Director of Sponsored Research and Accounting Services</td>
<td>Peter Derham</td>
</tr>
<tr>
<td>Director, Telecommunications and Network Services</td>
<td>Harvey Buchanan</td>
</tr>
<tr>
<td>Director, University Business Administrators</td>
<td>Angela Gaskins</td>
</tr>
<tr>
<td>Director of Diversity Enhancement and Compliance Equal Opportunity</td>
<td>Renisha Gibbs</td>
</tr>
</tbody>
</table>

### VICE PRESIDENT FOR STUDENT AFFAIRS

**Mary B. Coburn**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Vice President for Student Affairs</td>
<td>Eric Weldy</td>
</tr>
<tr>
<td>Associate Vice President for Student Affairs, Financial Operations</td>
<td>Liz Maryanski</td>
</tr>
<tr>
<td>Director of Multicultural Affairs</td>
<td>Juan Guardia</td>
</tr>
<tr>
<td>Director of Career Center</td>
<td>Jeff Garis</td>
</tr>
<tr>
<td>Director of University Housing and Family Life</td>
<td>Rita Moser</td>
</tr>
<tr>
<td>Director of Thagard Student Health Center</td>
<td>Lesley Sacher</td>
</tr>
<tr>
<td>Dean of Students</td>
<td>Jeanie Ward-RooF</td>
</tr>
<tr>
<td>Director of University Counseling Center</td>
<td>Nikki Pritchett</td>
</tr>
<tr>
<td>Student Body President, 2009-2010</td>
<td>Robert Jakubik</td>
</tr>
<tr>
<td>Student Body Vice President, 2009-2010</td>
<td>Cornell Hamilton-Paul</td>
</tr>
<tr>
<td>Director of Oglesby Union</td>
<td>Bill Clutter</td>
</tr>
<tr>
<td>Director of Campus Recreation</td>
<td>Alicia Crew</td>
</tr>
<tr>
<td>Director of Center for Academic Retention and Enhancement (CARE)</td>
<td>Angela Richardson</td>
</tr>
<tr>
<td>Director of Educational Research Center for Childhood Development</td>
<td>Beth Roberts</td>
</tr>
<tr>
<td>Director of International Center</td>
<td>Cindy Green</td>
</tr>
<tr>
<td>Co-Director of Center for Leadership &amp; Civic Education</td>
<td>Laura Osteen</td>
</tr>
<tr>
<td>Co-Director of Center for Leadership &amp; Civic Education</td>
<td>William Moeller</td>
</tr>
<tr>
<td>Director, Florida Center for Interactive Media (FCIM)</td>
<td>Mike Ferguson</td>
</tr>
<tr>
<td>College</td>
<td>Dean</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>College of Arts and Sciences</td>
<td>Joseph A. Travis</td>
</tr>
<tr>
<td>College of Business</td>
<td>Caryn Beck-Dudley</td>
</tr>
<tr>
<td>College of Communication and Information</td>
<td>Larry Dennis</td>
</tr>
<tr>
<td>College of Criminology and Criminal Justice</td>
<td>Thomas Blomberg</td>
</tr>
<tr>
<td>College of Education</td>
<td>Marcy P. Driscoll</td>
</tr>
<tr>
<td>College of Human Sciences</td>
<td>Billie Collier</td>
</tr>
<tr>
<td>College of Law</td>
<td>Donald J. Weidner</td>
</tr>
<tr>
<td>College of Medicine</td>
<td>John P. Fogarty</td>
</tr>
<tr>
<td>College of Motion Picture, Television, and</td>
<td>Frank Patterson</td>
</tr>
<tr>
<td>Recording Arts</td>
<td></td>
</tr>
<tr>
<td>College of Music</td>
<td>Don Gibson</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>Lisa Plowfield</td>
</tr>
<tr>
<td>College of Social Sciences and Public Policy</td>
<td>David W. Rasmussen</td>
</tr>
<tr>
<td>Interim Dean, College of Social Work</td>
<td>Nicholas F. Mazza</td>
</tr>
<tr>
<td>College of Visual Arts, Theatre, and Dance</td>
<td>Sally McRorie</td>
</tr>
</tbody>
</table>

Florida State University
Changes in faculty, professional, and administrative staff made after September 30, 2008, may not be reflected in the following list. Please note that departmental faculty listings may reflect changes made after the September 30th deadline; thus, differences may exist between departmental faculty lists and this list.

UNIVERSITY FACULTY

Those whose names are preceded by an asterisk or a plus are members of the graduate faculty. Membership on the graduate faculty falls into one of two categories on the basis of functional responsibility:

* May teach graduate-level courses and may serve as major professor for master’s degree students.
* May serve as major professor for doctoral students.

Abbot, Fredrick M., J.D., Yale LL.M., Cal. Berkeley; Professor of Law and Edward Ball Eminent Scholar in Adaminational Law

Abdullah, Maloka, PhD, Northwestern University; Associate Professor of Civil and Environmental Engineering

Abele, Lawrence G., PhD, Miami; University Provost, Executive Vice President for Academic Affairs, and Professor of Biological Science

Abell, Joseph N., PhD, Florida State University; Professor of Social Work

Abendroth, Maryann, MS, Florida State University; Assistant in Nursing

Abichou, Tarek, PhD, Wisconsin; Associate Professor of Civil Engineering

Abood, Doris A., PhD, Tennessee at Knoxville; Associate Professor of Nutrition Food and Exercise Science

Abrainov, Dmitry, PhD, Friedrich-Alexander University Erlangen-Nürnberg; Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory

Adalier, Korhan, PhD, Rensselaer Polytechnic Institute; Associate in Engineering, Panama City Campus

Adams, Jonathan L., Ed.D., Boston; Associate Professor of Communication

Adams, Maurice R., BS, Florida Agricultural and Mechanical University; University School Instructor, Florida State University School of Education

Adams, Sandra, PhD, South Florida; Assistant in Research Institute for Science and Public Affairs

Adams, Todd, PhD, Notre Dame; Associate Professor of Physics

Adelson, Wendi J., PhD, University of California; Assistant Professor of Modern Languages and Linguistics

Adolph, Wendy E., B.D., North Carolina; Associate Professor in Modern Languages and Linguistics

Agashe, Amol Sadanand, PhD, California at Berkeley; Assistant Professor of Mathematics

Agens, John M.D., Rutgers Medical School; Assistant Professor of Geriatric Medicine

Aggarwal, Sudhir, PhD, Michigan; Professor of Computer Science

Ahlgren, Jon E., PhD, Wisconsin; Associate Professor of Meteorology

Ahmad, Hafiz, PhD, Florida State University; Assistant in Civil and Environmental Engineering

Ahn, Toh-Hyeong, PhD, Indiana; Assistant Professor of Political Science

Ai Otaiba, Stephanie Dent, PhD, Vanderbilt University; Assistant Professor of Civil Engineering

Alabugin, Igor V., PhD, Moscow St. University; Assistant Professor of Chemistry and Biochemistry

Alamo, Rufina G., PhD, Madrid; Professor of Chemical Engineering

Alcaz, Keill A., J.D., University of Illinois at Urbana-Champaign; Assistant Professor, College of Law

Alcorn, Ettore, PhD, International School for Advanced Studies, Italy; Associate Professor of Mathematics

Alexander, Dianne G., PhD, Florida State University; Director Medical/Health Administration of Communication Disorders

Alexander, Mildred G., MS; Florida State University; University School Assistant Professor, Florida State University School of Social Work

Allen, Charles W.; University of Hartford; Associate in Film

Allen, Michael L., PhD, North Texas; Professor of Music

Allen, Susan D., PhD, Southern California; Professor of Chemistry and Biochemistry and Electrical and Computer Engineering

Allen, Terice D., BS; University of North Texas; University School Assistant Professor

Allifer, Imrn B., PhD, Synacore; Associate Librarian and Department Head University Libraries

Almeida, Dario, PhD, Iowa; Assistant Professor of Elementary and Early Childhood Education and Practice

Al-Otaiba, Stephanie, PhD, Vanderbilt University; Associate Professor of Special Education

Aliston, Sebastian, M.D., University of North Carolina, Chapel Hill, Professor, College of Medicine

Altman, Burton H., M.L.S.; Librarian, Strozier Library Science College Library

Aluffi, Paolo, PhD, Brown; Professor of Mathematics

Alvarez, Enrique, PhD, Illinois; Assistant Professor of Modern Languages

Alvi, Farnoosh S., PhD, Penn State; Professor of Mechanical Engineering

Amstler, Eva B.M.; University of Musikhochschule, Switzerland, Associate Professor of Music

Anderson, James R., MA; Eastern Michigan University; Faculty Administrator and Director Florida Resources and Environmental Analysis Center

Anderson, Leon M.; M.M., Southeastern Louisiana Associate Professor of Music

Anderson, Loran C., PhD, Claremont Graduate School; Professor of Biological Science

Anderson, Thomas L., PhD, Georgia; Jessie Lovano-Kerr Professor of Art Education

Anderson-Lazier, Kathryn M., PhD, Nebraska; Associate Professor of Nutrition Food and Exercise Sciences

Andre, Petru, PhD, Maryland; Assistant Professor of Electrical and Computer Engineering

Andrews, Pamela L., M.M.; University of Miami; Associate Professor of Music

Andrus, Michael, MS; Florida State University; Associate in Research, Center for Advanced Power Systems

Ang, James S., PhD, Purdue University; Professor of Finance and Bank of America, Eminent Scholar in Banking

Anno, Paul, J.D.; University of Florida; Research Associate in Law

Anson, Joseph D., MSW; Florida State University; Visiting Lecturer, College of Social Work

Ape!, Kenneth, PhD, University of Memphis; Professor of Communication Disorders

Applebaum, Miguel, M.D., University of Miami; Associate Professor of Medicine

Arbic, Brian, PhD, Massachusetts Institute of Technology; Assistant Professor of Oceanography

Arco, Pedro E., PhD, Purdue University; Associate Professor of Chemical Engineering

Ard, April D., M.Ed., Valdosta State University; University School Instructor, Florida State University School of Education

Arimandi, Bahram, PhD, Kansas State University; Professor and Chair, Nutrition, Food, and Exercise Science

Armstrong, Deborah, PhD, University of Kansas; Assistant Professor, Management Information Systems

Arnold, Melisa, BS, Gordon College; Assistant in Research, Learning Systems Institute

Arnold, Anthony J., PhD, Harvard; Associate Professor of Geophysical Sciences

Arnold, Margaret Elizabeth, BA, Florida State University; University School Instructor, Florida State University School of Social Work

Aronoff, Robert A., MS; University of Central Florida; Associate in Communication

Arora, Krishna, PhD, Indian Institute of Technology (Delhi); Associate Professor of Electrical and Computer Engineering

Arora, Rajendra K., PhD, St. Andrews; Professor of Electrical and Computer Engineering

Arnold, Laura, PhD, Alabama; Associate Professor of Communication

Arthmann, Yaite, MS, Nova Southeastern University; University School Instructor, Florida State University School of Social Work

Ashman, Kathleen, PhD, Florida State University; Visiting Instructor, English

Ashmore, Margaret, MSW, Florida State University; Lecturer of Social Work

Ashburn, Reuben O’D., Florida; Reuben O’D. Askew Eminent Scholar in Florida Government and Politics, Distinguished Professor of Public Administration and Policy, Senior Fellow Florida Institute of Government and Reuben O’D. Askew School of Public Administration and Policy

Aspinwall, Leslie N., PhD, Florida State University; Associate Professor of Middle and Secondary Education

Atkinson, Benjamin D., PhD, Harvard; Visiting Assistant Professor of Art History

Atkinson, Beverly M., PhD, Georgia; Director, Research Programs, Social Work

Atkinson, Robert E., J.D., Yale; Professor of Law

Atolia, Manoj, PhD, Indiana University; Assistant Professor of Economics

Bacon, Sarah, PhD, University of Illinois at Urbana-Champaign; Associate Professor, Accounting

Aubrey, Andree M., MSW, Florida State University; Program Director, Center for Health Affairs

Audric-Zuzaeta, Ivonne, PhD, Florida; Associate Professor of Urban and Regional Planning

Augusta, Rebecca E., J.D., MS, Florida State University; Program Director, Center for Information, Training, and Evaluation Services Institute for Science and Public Affairs

Austin, Anjali, Dance Theatre of Harlem; Associate Professor, Dance

Austin, Debra O.D., Ed.D., Florida State University; Visiting Assistant In Education Leadership and Policy Studies

Autore, Donald, PhD, Virginia Polytechnic Institute; Assistant Professor of Health Policy

Awad, Sawsan MA Wayne State University/ Michigan; Assistant in Arabic

Awoniyi, Samuel, PhD, Cornell University; Professor of Engineering

Aydin, Necati PhD, Florida State University; Visiting Assistant in Center for Economic Forecasting Analysis

Ayoothena, Anilkumar, PhD, Kerala; Assistant Scholar/Scientist, Chemistry and Biochemistry

Baby, Lagy, PhD, Bangalore University; Associate Professor/Scientist/Engineer, Physics

Bakken, DAF, PhD, University of Maryland, College Park; Assistant Professor of Criminology

Baccio-Taylor, Amy, PhD, University of Hawaii at Manoa; Assistant Professor of Oceanography

Bae, Hoon, PhD, Wayne State; Assistant in Research Chemistry and Biochemistry

Baggett, Julianne C., M.F.A., University of North Carolina; Associate Professor of Dance

Bai, Hongyu, PhD, Chinese Academy of Sciences Assistant Scholar/Scientist, National High Magnetic Field Lab

Bailey, Stephen A., J.D., Florida State University; Associate in Research, Risk Management and Insurance

Bailey, William D., MS; Florida State University; University School Assistant Professor, Florida State University School of Social Work

Bakan, Michael B., PhD, California at Los Angeles; Associate Professor of Music

Baker, Earl J., PhD, Colorado; Associate Professor of Geography

Baker, Shelton D., PhD, Florida; Associate Dean of the College of Medicine, Associate Professor of Medicine Education

Baker, Suzanne, MA, University of Georgia; Assistant in Research, Criminology

Baker, Theodore P., PhD, Cornell; Professor of Computer Science

Balduf, Kenneth MS, Florida State University; Associate In, Dean College of Arts and Sciences

Baldwin, Shawn N., MS, Florida State University; Assistant in Research Center for Prevention and Early Intervention

Baldwin, Thomas L., PhD, Virginia Polytechnic Institute; Associate Professor of Electrical and Computer Engineering

Baldyga, Natalya, PhD, University of Minnesota, Twin Cities; Assistant Professor, Physics

Bales, William D., PhD, Florida State University; Associate Professor of Criminology

Balicas, Luis, PhD, Paris XI-Orsay; Associate Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
+ Balkmai, David L., PhD, Pennsylvania State; Chair of Biomedical Sciences and Distinguished Research Professor, 1998–1999
+ Barber, Mandy, MSN, Florida State University; Assistant in Nursing
+ Banoff, Barbara A,, J.D., Santa Clara School of Law; Professor of Law
+ *Barabas, Jason, PhD, Northwestern; Associate Professor of Political Science
+ Barber, Norman, MS, University School Instructor, Florida State University School
+ Babur, Billy M., MS; Bellarmine University; Associate in Psychology
d
+ *Barbut, Adrian, PhD, Virginia Polytechnic Institute and College of Los Angeles; Assistant Professor of Statistics
+ Barillon, Albert L., PhD, Harvard; Professor of Meteorology
+ Bardolph, Anne D., MS; Librarian, Law Library
+ Bare, Ceci, MA, Florida State University; Visiting Professor in International Programs
+ Barker, James M., PhD, Florida State University; Director in University Computing Services
+ Barker, Vanessa L., PhD, New York University; Assistant Professor of Criminology
+ Barlow, Larry G., PhD, Florida State University; Associate Professor in Marriage and Family
+ Barnhart, William T., BS, Florida Agricultural and Mechanical University; Assistant Professor of Music
+ Bar, Victoria, BS, Florida State University; University School Instructor, Florida State University School
+ Barrage, Jane, MS, Florida State University; Assistant in Information
+ *Barrett, Anne E., PhD, Duke; Associate Professor of Sociology
+ Barrett, Debra P., MS, University School Professor, Florida State University School
+ Bailleul, Charles J., PhD, State University of New York, Binghamton; Professor of Political Science
+ Barton, Travis BA, Florida State University; University School Instructor, Florida State University School
+ Barwick, Suzanne L., BS; Auburn University; Associate in Business Administration
+ Bareykin, Victoria, PhD of University at Urbana-Champaign; Visiting Assistant Scholar/Scientist, National High Magnetic Field Laboratory
+ Bass, Henry W., PhD, North Carolina State; Associate Professor of Biological Science
+ Bass, Page MS, Florida State University; Program Director, Claude Pepper Center
+ Bates, George W., PhD, Washington at Seattle; Associate Professor of Philosophy
+ Bathe, Allen W., Jr., D.B.A, Florida State University; Professor of Accounting
+ Baumeister, Roy F., PhD, Princeton; Francis Eppes Professor of Psychology
+ Baumer, Eric PhD, State University of New York at Albany; Professor of Criminology and Criminal Justice
+ Baxley, Debra, BS, Florida State University; Faculty Administrator, Chemistry and Biochemistry
+ Baylor, Amy, PhD, South Carolina; Associate Professor of Educational Research
+ Beane, Janice W., PhD; University School Instructor, Florida State University School
+ Becker, Betsy J., PhD, Chicago; Professor of Educational Psychology
+ Becker, Jill M., MS, Florida State University; Visiting University School Instructor, Florida State University School
+ Beckham, Joseph C., J.D., Florida; PhD, Florida; Chair of the Educational Leadership and Policy Studies and Allan Tucker Professor of Educational Policy Studies and Leadership, 2000
+ Beckman, Seth V., D.A., Ball State; Associate Dean of the College of Fine Arts and Music
+ Beech, Martha C., PhD, Kent State; Research Associate, Learning Systems Institute
+ Beeler, Cheryl S., R.Ed., Indiana University; Associate Professor and Chair, Sports Management, Recreation Management, and Physical Education
+ Beert, Peter, MD, Zurich; Associate Professor of Scientific Computing
+ Belisle, Melissa M., J.D., Harvard; Professor and Academic Administrator
+ Beleu, Erin C., MA; Associate Professor of English
+ Bellamy, Gail PhD, John Hopkins University; Professor of Economics
+ *Belleng, Steven F., PhD, Claremont Graduate School; Professor and Associate Chair of Mathematics
+ Berenklein, Nancy L., J.D., Maryland; Director, College of Law
+ Bender, Sarah S., BS; Florida State University; University School Instructor, Florida State University School
+ *Bennion, Gary A., PhD, Virginia Polytechnic Institute and State University; Associate Professor of Finance
+ Bensen, Bruce L., PhD, Texas A&M; Professor and Chair of Economics and Distinguished Research Professor, 1991–1992
+ Berg, Bernd, PhD, Freie Universität Berlin; Paul A. Dirac Professor of Physics
+ Berg, Bruce H., M.D., Illinois; Assistant Dean of the College of Medicine and Professor of Medicine
+ Berkley, Karen J., PhD, Washington; Distinguished Research Professor, 2003–2004; McKenzie Professor, and Associate Dean of the College of Medicine and Associate Dean of Libraries
+ Berler, Ellen S., PhD, State University of New York; Research Associate Clinical Psychology Psychology
+ Bernat, Debra, PhD, University of Minnesota; Assistant Professor of Chemistry
+ Bevers-Anderson, Thesia A., BS; Assistant in Medicine
+ *Berry, Frances S., PhD, Minnesota; Chair of the Askew School of Government, Administration, and Policy and Frank Sherwood Professor of Public Administration
+ Berry, Janet K., MSW.; Lecturer, Social Work
+ Berry, Ralph M., PhD, Iowa; Chair and Professor of English
+ *Berry, William D., PhD, Minnesota; Eminent Scholar of Political Science, Marrian I. D. Irish Professor of Political Science
+ Bertrand, Robert, PhD, Florida State University; Associate Professor of Biological Sciences
+ Betts, Donna, PhD, Florida State University; Visiting Assistant Professor of Art Education
+ Bevis, Todd H., MS, Florida State University; Instructional Specialist in Social Science
+ Bhatt, Renu, PhD, Bahar Union University, India; Associate in Psychology
+ Bichel, Rebecca M., M.L.I.S., University of Hawaii at Manoa, Associate Librarian
+ Bickley, Karen L., MA; University of Pennsylvania; Associate in Distributed and Distance Learning
+ Bienkiewicz, Ewa A., PhD, Colorado State; Assistant in Science/Scientist/Engineer, Department of Biomedical Studies
+ Billings, Bruce, PhD, Penn State; Associate Professor of Accounting
+ Bingham-Harper, Patricia, M.M., Florida State University; Associate Librarian, University Libraries
+ Birard, Kristina H., BS, University of Miami; University School Instructor, Florida State University School
+ Bird, Mark D., PhD, Stanford; Scholar/Scientist/Engineer National High Magnetic Field Laboratory
+ Bischof, Eileen, MS, Florida State University; Visiting Assistant in Childhood Education, Reading, and Disabilities Services
+ *Bish, Deborah F., PhD, Arizona State; Associate Professor of Economics
+ Bishop, Anne, PhD, University of Florida; Associate in Research, Florida Center for Reading Research
+ Bishop, Jennifer, MA, University of South Florida; Associate Professor of English
+ Bishop, Michael, PhD, University of California, San Diego; Professor of Philosophy
+ Bishop, Wendy, PhD, Indiana; Kellogg W. Hunt Professor of English
+ *Blaber, Michael, PhD, California at Irvine; Professor of Biomedical Sciences
+ Blackmun, Jonathan, BS, Liberty University; Assistant University Librarian, Strozier
+ Blackburn, Maggie, M.D., Case Western Reserve University; Assistant Professor of Family Medicine and Rural Health
+ Blackweiler, Martha A., MA; Appalachian State University; Associate in Mathematics
+ Blake, Angela J., PhD, Florida State University; Assistant in Research of Institute of Sciences and Public Affairs
+ Blakeley, George C., M.F.A.; Temple University; Professor and Associate Chair, Art
+ Blakemore, Laura J., M.D., Oregon Health Science; Assistant Scholar/Scientist/Engineer, Department of Biomedical Sciences
+ Blakney, Gregory T., PhD, Texas; Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
+ Bland, Harold E., M.D., Nebraska; Professor of Clinical Sciences
+ Blankenhorn, Carol T., M.Ed., Florida Atlantic; Associate in Psychology
+ Blass, Fred, PhD, Florida State University; Assistant in Management
+ Blaufox, Michael R., PhD, University of Michigan; Professor of History and Ben Weider Eminent Scholar in Napololeonic and French Revolutionary Studies
+ Bley, Allen, PhD, University of Florida; Assistant Professor of Political Science
+ Blazek, Ronald, PhD, Illinois; Professor of Information
+ Blankenhorn, Tamara G., J.D., Florida; Associate in Law
+ Blumen, Louis E., MS, Florida State University; Assistant in International Programs and Academic Administrator
+ Blessing, Susan K., PhD, Indiana; Professor of Physics
+ Bliss, Gary D., M.B.A, Florida State University; Associate in Business Administration
+ Blizzard, Lindsey A., BS; Georgia Southern College; University School Instructor, Florida State University School
+ *Block, Elmer, PhD, Ohio State; Assistant Professor, Political Science
+ Blomberg, Thomas G., D.Crim., California at Berkeley; Dean of Criminal Justice and Sheldon Messinger Professor of Criminology
+ Bodel, Susan B., J.D., Miami; Associate in Law
+ *Bogdan, Allen, PhD; Massachusetts Institute of Technology; Director and Professor of the National High Magnetic Field Laboratory; Office of Research
+ Boon, Ian, PhD, Pennsylvania; Bertram H. Davis Professor of English
+ *Bogdan, Merc, MS, Polyteneic Institute of Cluj, Romania; Associate in Research National High Magnetic Field Laboratory
+ *Boggs, H. Glenn, II, J.D., Florida State University; Professor of Risk Management/Insurance Real Estate and Business Law
+ *Bokhari, Farasat, PhD, Carnegie Mellon; Assistant Professor of Economics
+ *Bolanos, Carlos A., PhD, Northeastern; Assistant Professor of Psychology
+ *Sollenberg, C.B., University of Central Florida; Assistant Professor of Theatre
+ *Boskett, Nicholas E., PhD, Cornell University; Professor of Physics
+ Bonilla, Kristina, MA, Nova Southeastern University; University School Instructor, Florida State University School
+ *Bonin, Mark A., PhD, Texas A&M; Professor of Psychology
+ Bonney, Frederick L. M.B.A, University of Georgia; Assistant Professor of Marketing
+ *Bookwalter, Denise B., PhD, M.I.A., Indiana University; Assistant Professor of Psychology
+ Boone, Katrina J., MSW.; Florida State University; Director of Field Education and Faculty Administrator, Social Work
+ *Boo, Walter PhD, University of Illinois at Urbana-Champaign; Associate Professor of Psychology
+ Born, Patricia, PhD, Duke; Professor of Risk Management/Insurance Real Estate
+ Bose, Radha R., MS, Florida State University; Associate in Statistics
+ Boudreaux, Shannon, M.D., Louisiana State; Clinical Instructor, Medicine Instruction
+ Bourbara, Mark A., PhD, Purdue; Associate Professor of Meteorology
+ *Boutin, Alme M.C., PhD, Cornell; Associate Professor of Modern Languages and Linguistics
+ *Bouron, Louis L., PhD, Tennessee; Associate Professor of Accounting
+ Bowens, Pamela R., M.F.A., Tyler School of Art; Associate in Art History
+ Bowser, Thomas A., MS, Professor of Aerospace Studies
+ *Bowers, Judy K., PhD, Louisiana State; Professor of Music
+ *Bowers, Kristina, MS, Tennessee; Assistant in Mathematics
+ *Bowers, Philip L., PhD, Tennessee; Chair of Mathematics and Distinguished Professor of Mathematics
+ Bower, Cathaleen MA Florida State University; Research Associate; Florida Center for Prevention Research
+ *Bowman, Corrine S., M.M., The Juilliard School; Assistant Professor of Music
+ *Bowman, James S., PhD, Nebraska; Professor of Public Administration and Policy
+ Boyd, Mickey R., MS, Florida State University; Associate in Mathematics
Braddock, Ronald E., M.F.A., Florida State University; Associate in Film and Associate Dean of the School of Motion Picture and Television Arts
Bradley, Edward L., M.D., Temple University Medical School; Professor of Clinical Sciences
* Bradley, Robert B., Ph.D., Florida; Vice President for the Office of Policy
* Brady, Michael L., Ph.D., Florida State University; Associate Professor of Marketing
Branscombe, David M., Ph.D., Indiana University; Associate Chair in Classics
Branson, Robert K., Ph.D., Ohio State; Professor of Educational Research and Director, Center for Performance Technology
Braswell, Robert N., Ph.D., Oklahoma State; Professor of Aeronautical Engineering
* Brewer, Charles E., Ph.D., City University of New York; Associate Professor of Music
Brewer, James K., Ph.D., Florida State University; Professor of Educational Research
* Brewer, Karin L., Ph.D., Washington; Associate Professor of Sociology
Brey, William W., Ph.D., Florida State University; Associate Scholar/Scientist/Engineer National High Magnetic Field Laboratory
Breyer, Carol A., Ph.D., Maryland; Research Associate, Center for Policy Studies in Education
Bridgeman, Garry C., J.D., Vanderbilt University; Assistant Professor of Law
* Brinker, Carmen A., D.M.A., Iowa; John Boda Professor of Music, 2002
* Briggs, Adam, Ph.D., University of Virginia; Assistant Professor in Humanities
Brightbill, Daniel, Ph.D., Florida State University; Assistant in Research, Learning Systems Institute
Brink, Megan N., BS; Florida State University; University Assistant Professor, Florida State University School
* Brister-Rachwal, Wanda, D.M.A., University of Nevada; Assistant Professor Music
Britten-Mills, Robert, MAR, Yale Divinity School Assistant in Research, Religious Research Center
Broder, Jarrett, MS, Florida State University; Assistant in Research, Florida Public Affairs
Brooke, Daniel, BS, Florida State University; Assistant in Research, Learning Systems Institute
Brooks, Geoffrey W., Ph.D., Florida State University; Associate in Electrical Engineering, Panama City Branch
* Brooks, James S., Ph.D., Oregon; Grace C. and William G. Moulton Professor of Physics, 2002
Brooks, Robert F., Ph.D., Florida State University; Academic Administrator and Associate Professor of the College of Information
Brooks, Robert G., M.D., Wayne State; Associate Dean of the College of Medicine and Professor of Family Medicine
Brooks, Steven G., M.B.A., Campbell University; Research Associate, Education and Practice
* Brower, Ralph R., Ph.D., SUNY - Albany; Associate Professor of Public Administration
Brown, Carol Lynch, Ph.D, Ohio State; Professor of Elementary Education, Education and Practice
Brown, James, MS, Central Michigan; Assistant Professor of Military Science
* Brown, Jeffrey R., Ph.D., California at Los Angeles; Assistant Professor of Urban and Regional Planning
Brown, Stewart L., Ph.D., Florida; Professor Emeritus of Finance
Brown, Wanda, MS, Florida State University; Associate in Textiles and Consumer Sciences
Brown-Luziotti, Charlotte, BS; Florida State University; Associate in Research Learning Systems Institute
Broyles, Michelle B., Ph.D., University of Texas at Austin Visiting Professor of Musicology
Brummel-Smith, Kenneth V., M.D., South Carolina; Professor of Medicine
Bruschniker, Rafael P., Ph.D, ETH Zurich; Professor of Chemistry and Biochemistry
Bruschniker-Liu, Lei, PhD, Swiss Federal Institute of Technology; Assistant Scholar/Scientist/Engineer in Chemistry and Biochemistry
* Brusco, Michael J., Ph.D., Florida State University; Professor of Marketing
Bryant, John E., Ph.D., Georgia; Orville G. Harrold Professor of Mathematics
Bryce, Sara, BA, Michigan State University; Assistant in Research, Florida Center for Reading Research
Bryer, Erik D., B.F.A., College of Charleston; Associate in Research, Meteorology
* Brymer, Robert A., Psy.D., University of Denver; Professor of Hospitality
Brymer, Trevea R., MS, University School Instructor, Florida State University School
* Buchanan, Jennifer N., Ph.D., Florida State University; Associate Dean of the Faculties and Research Associate, Academy of Economic and Social Sciences
* Buchler, Michael H., Ph.D., University of Rochester Eastman School of Music; Associate Professor of Music
Buck-Kalachala, Sarah, PhD, Rutgers University; Assistant Librarian, Strozier Library
Buckley, John, B.M.E., Florida State University; University School Instructor, Florida State University School
* Bulldozer, Robert, California at Los Angeles; Associate Professor of Criminality and Criminal Justice
Bunea, Florentina, PhD, Washington; Associate Professor of Communication
* Burns, Helia, Ph.D., Kansas; Associate Professor of Communication
Burch, Leila, J.D., Florida State University; Assistant Professor of Communication
* Burdick, Lauren T., BS, Florida State University; University School Assistant Professor, Florida State University School
Burke, Darrell E., PhD, Virginia Commonwealth; Associate Professor of Information
Burke, Helen M., Ph.D., Southern Mississippi; Professor of English and Director of Undergraduate Honors Program
Bumstead, Michael V.D., PhD, University of Rome; Professor of Social Science
* Burnett, Gary D., Ph.D., Princeton University; Associate Professor of Information
Burnett, Kathleen L., Ph.D., California at Berkeley; Associate Professor of Information
Burnett, William C., PhD, Hawaii; Carl Henry Oppenheimer Professor of Oceanography, 2002
Bush, Dominick J., Assistant Professor of Medicine Instruction
* Bush, Ashley A., Ph.D., Georgia State; Associate Professor of Information Science and Management
Bush, Sughith, PhD, University of Alabama; Clinical Assistant Professor, Clinical Sciences
Butler, David M., MA; Chairperson and Associate Professor of Interior Design
* Butler, Heather, BS; University of California at Los Angeles; University School Instructor, Florida State University School
Butler, Jessica M., MS, Southern Baptist; Associate in Research, Learning Systems Institute
* Butler, Robert Olen, MA; University of Iowa; Francis Eppes Professor of English holding Michael Shaara Chair of Creative Writing
Bye, Raymond E., Ph.D., Kent State; Faculty Administrator and Director University Relations
Byke, Gloria S., M.L.I.S., Oklahoma; Assistant Librarian, Strozier Library
Byno, Lucille, Ph.D., Florida State University; Assistant in Family and Child Sciences
Calin, Cliodhna, PhD, Illinois; Associate Professor of Meteorology
Cain, Joseph C., Ph.D., Alaska; Scholar/Scientist/Engineer, Geophysical Fluid Dynamics Institute
Carnaghi, John R., Ph.D., Arizona; Scholar/Associate Professor of Classics
Cale, Katherine C., M.L.S., Florida State University; Associate in Research Center for Teaching and Learning
Cahoon, Joseph P., Ph.D., Georgia; Lecturer of Economics
Calienes, Jennifer S., BS, Florida State University; University School Instructor, Florida State University School
Calleros, Brenda L., Ph.D., Texas at Austin; Professor of Psychology
* Calleros, Brenda L., Ph.D., Texas at Austin; Professor of Psychology
Calle, Charles, MS, Florida State University; University School Instructor, Florida State University School
Callies, Jennifer S., BS; Butler University; Assistant in Spain
* Callender, Clifton, Ph.D., Chicago; Associate Professor of Music
Caliari, Claire J., MSW; Florida State University; Associate in Social Work Panama City Branch
Cameron, Robert D., MS; Florida State University; Assistant in Modern Languages
Campbell, Brian, PhD, Florida State University; Research Associate, College of Education
Campbell, Cynthia, M.Ed., University of Central Florida; Assistant Professor of Childhood Education
Campbell, Robert, M.D., University of South Florida; Associate Professor of Family Medicine and Rural Health
Cannon, Priscilla, MS Pratt Institute; Assistant University Librarian, Bruce, PhD, University of Florida; Associate Professor of Physics
Cantell, E Ray, Ph.D., Washington; Professor of Economics
Canto, Angela, Ph.D, Florida State University; Assistant Professor of Economics
Cao, Gang, PhD, Temple; Associate Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
* Capo, Jonning, Ph.D., Rochester; Associate Professor of Physics
Capas, Ryan, BS Florida State University; Visiting University School Instructor, Florida State University School
* Capitan, Sue, MA, Florida State University; Assistant in International Programs and Academic Administrator International Programs
* Cappuccio, Brenda Logan, PhD, Kentucky; Associate Chair and Associate Professor of Modern Languages and Linguistics
* Capitelli, Simon Charles, PhD, Toronto; Professor of Physics
Carafa, Peter C., MS, Florida State University; University School Instructor, Florida State University School
* Carbonell, Joyce L., Ph.D., Bowling Green State; Professor of Psychology
Carson, Elwood D., Ph.D, California at Berkeley; Professor of Sociology
* Carnaghi, John R., MS; Vice President for Finance and Administration
Carruth, John L., Ph.D., University of Texas, Austin; Assistant Professor of Art History
Carnelley, Pamela S., E.D.D., Auburn; Dwight L. Burton Professor of English Education and Chair of the Middle and Secondary Education and Professor of Middle and Secondary Education, Assistant Dean of Academic Affairs
* Carnie, James, Ph.D, Georgia; Payne H. and Charlotte Hodges Midyette Eminent Scholar in Insurance and Professor of Risk Management and Insurance
* Carter, Tina A., MS, Florida State University; Lecturer in English
* Cartes, David A., PhD, Dartmouth College; Associate Professor of Mechanical Engineering
* Case, Brooke D., PhD, Alabama; Olga Larson Professor of Mathematics
* Casey, Patricia B., MAT, Florida; University School Associate Professor, Florida State University School
* Cash, Hilton, Amy, MS, Florida State University; Visiting Assistant in Interdisciplinary Humanities
* Caspar, Donald L., PhD, Yale; Professor of Biological Sciences
* Casset, Joan W., MA; Florida State University; Assistant in International Programs and Academic Administrator International Programs
Castillo, Jennifer M., MA, Indiana University; Assistant Professor of Communication
Catalano, Rosana, J.D., University of Florida; Academic Administrator, College of Law
Cauy, Donald D., Ph.D., Florida State University; Associate Scholar/Scientist/Engineer, Physics
* Chackerian, Richard, PhD, Washington; Professor of Public Administration
* Chaffin, Richard, M.L.I.S., Louisiana State; Assistant Librarian, Strozier
* Chalmers, Edmund L., III, B.F.A.; Florida State University; Associate Professor of Business
* Chan Hilton, Amy, PhD, Virginia; Associate Professor of Civil and Environmental Engineering
* Chang, Tenyen D., J.D., Florida; Associate in Computer Science
* Chanton, Jeffrey Paul, Ph.D., North Carolina at Chapel Hill; John Widmer Winchester Professor of Oceanography, 2002, and Professor of Oceanography and Geological Sciences
Chapin, Thomas S., Ph.D., Florida State University; Associate Scholar/Scientist/Engineer, Physics
* Chappell, Prescott B., MSE, South Carolina; Professor of Urban and Regional Planning
* Chapo, Elliot, Curtis Institute of Music; Professor of Music
* Chappell, Fred D., BA; Rolls; Professor of Theatre
* Chappell, Neil H., PhD, Carnegie-Mellon University; William G. Chase Professor of Psychology
* Chaske, Prescot B., PhD, University of California at Los Angeles; Professor and Department Chair of Biological Science
Chassagnet, Eric, PhD, University of Miami; Professor and Director of Oceanography
* Cheek, Charles, Professor, Massachusetts at Amherst; Associate Professor of Chemical Engineering
* Chen, Ching-Jen, PhD, Case Western Reserve University; Dean of the College of Engineering and Professor of Mechanical Engineering and Mathematics
* Chen, Gang, PhD, Oklahoma; Associate Professor of Civil and Environmental Engineering
* Chen, Jing, PhD, Florida State University; Associate Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
* Chen, Mingxin, M.A., Chinese University of Hong Kong; Associate Professor of Chemistry
* Chen, Pei-Hua, PhD, University of Texas, Austin; Assistant Professor of Educational Leadership and Policy Studies
* Cheng, Yingmei, PhD, Pennsylvania; Associate Professor of History
* Cheung, Ronnie, PhD, University of British Columbia, Canada; Assistant Professor of Economics
* Chiasson, Susan M.L.S., University of Southern Mississippi; Assistant Librarian, Strozier Library
Day, Sheryl Lee, PhD, Florida State University; Visiting Instructor of Special Education

+ de Grunne, R. T. W., PhD, North Carolina at Chapel Hill; M. Lynnette Thompson Professor of Classics 1999

De Lio, James T., Visiting Research Associate in Chemistry and Biochemistry

+ DeLorenzi, Linda Mary, PhD, Virginia Polytechnic Institute and State University; Associate Professor of Electrical and Computer Engineering

DeLorenzi, South Park, PhD, Virginia Polytechnic Institute and State University; Professor of Electrical and Computer Engineering

DeCesare, Steven, MD, University of Medicine and Dentistry of New Jersey; Clinical Associate Professor, Medicine Instruction

Decker, Donna Marie, PhD, Florida State University; Visiting Assistant Professor of Business Communication

Deckerhoff, Rosalind M., MSW, Florida State University; Assistant in Field Education, Social Work

+ DeHaven-Smith, Lance M., PhD, Ohio State; Professor of Public Administration and Policy and Director Florida Institute of Government

Dell, DawnMarin, J.D., California Western School of Law; Associate University Librarian, Law Library

Delery, Patricia A., M.F.A.; Assistant in Actor Training

+ Delp, Roy E., M.M., New England Conservatory; Walter S. James Professor of Voice 2001 and Professor of Music

Delfmeester, Karen, PhD, Florida State University; Visiting Associate in Research, Language and Cultural Studies

Deng, Honying, MS, Wuhan University, China; Assistant in Research, Biological Sciences

+ Deng, Wu, PhD, Edinburgh; Assistant Professor of Biological Science

Dennin, Vanessa P., PhD, Indiana; Associate Professor of Educational Psychology

Dennis, Lawrence P., BS, Virginia; Dean and Professor of the College of Information

DePuy, George, PhD, Syracuse University; Dean of the Panama City Campus and Faculty Administrator and Academic Dean

Dever, James E., M.BA, Florida State University; Assistant in Management

Devine, Jonathan D., EdD, Tennessee at Knoxville; Academic Administrator and Associate in Graduate Studies

+ Dewar, William K., PhD, Massachusetts Institute of Technology; Chair and Professor of Oceanography and Pierre W. Ennes Professor of Oceanography 2001

Dexter, Joe E., BS, Florida State University; University School Assistant Professor, Florida State University School

Dexter, Norma J., M.BA, Emory State University; Associate in Business Administration

+ Dey, Rob, PhD, State University of New York at Buffalo; Assistant Professor of Psychology

Dey, Ruth Ann, MSW., Florida State University; Lecturer, School of Social Work; Assistant in Research Biomedical Sciences

Dietrick, Joelle, MS., Florida State University; Assistant in Research, Biological Sciences

+ Didier, Ruth Ann, M.F.A., American University; Visiting Professor of Urban Planning

Dillon, Stephanie R., PhD, Florida State University; Assistant in Chemistry

+ Diskin, Barry A., PhD, Georgia State Professor of Risk Management and Associate Real Estate and Business Law

Dixon, Ian R., MS, M.E., Old Dominion University; Research Associate, National High Magnetic Field Laboratory

Dixon, Kevin, PhD, University of Chicago; Assistant in Biological Science

Dixon, Sue, MS, Florida State University; Associate in Research, Learning Systems Institute

Dmitrieva, Natalia, PhD, Sherrington School of Physiology; Research Associate, Psychology

Doan, Peter L., PhD, Cornell; Associate Professor of Urban and Regional Planning

Dobak, William J., D.O., Ohio University; Clinical Assistant Professor of Clinical Sciences

Dobrov, Michael, PhD, Florida State University; University School Assistant Professor, Florida State University School

+ Dobrosavljevic, Vladimir, PhD, Brown; Professor of Physics

Dodon, Kenneth A., MS, Remsella Polytechnic Institute; Associate in Mathematics

Dodson, Joseph M., III, L.L.M., New York University; Professor of Law

Dolberg, Ronald, PhD, Princeton; Associate Professor of History

+ Doerner, William G., PhD, Tennessee; Professor of Criminology and Criminal Justice

Dopek, Pamek, M.L.S., Arizona; Associate Librarian, College of Information

Donaldson, Barbara M., MS, Florida State University; Associate in Research, Program Development and Faculty Support

+ Donohue, Joseph F., PhD, Southern California; Associate Professor of Geological Sciences

Doran, James S., PhD, Texas; Assistant Professor of Plant Biology

Dorr, Clyde, M.D., University of Oklahoma; College of Medicine Instruction

+ Dorsey, Jodee L., PhD, Tennessee; Associate Dean of the College of Human Sciences and Associate Professor of Nutrition Food and Exercise Science

Dorsey, John G., PhD, Cincinnati; Professor of Chemistry and Biochemistry and Katherine Blood Hoffman Professor of Chemistry and Biochemistry 2000

Douglas, Casar, PhD, Michigan; Associate Professor of Management

Douglas, Ian W., PhD, California; Classical Associate Professor of the Humanities

Drew, John R., D.M.A, University of Kentucky; Professor of Music

Droscoll, Kimberly, PhD, Florida State University; Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory

Droscoll, Marcy P., PhD, Massachusetts; Dean of the College of Education and Professor of English (Leslie J. Briggs Professor of Educational Research 2002)

Dudley, Gregory B., PhD, Massachusetts Institute of Technology; Associate Professor of Chemistry and Biochemistry

Dudley, Lynne, PhD, Washington State University; Professor of Geological Sciences

Duke, Dennis W., PhD, Iowa; State Professor of Physics

Dukhovskoy, Dmitriy, PhD, Alaska; Assistant Scholar/Scientist, Meteorology

+ Dummy, Randy E., PhD, Georgia; Associate Professor of Radio/Television History

+ Dunn, Julia K., PhD, Illinois; Associate Professor of Human Services and Studies

Dunn, John, M.S., University of Florida; Assistant Dean and Professor of Family Medicine and Rural Health

Dunning, David P., M.M., Northwestern; Professor of Music

Dusqueninet Brosseuil, Francois, PhD, Ecole Nationale des Charte; Professor of Humanities

Durham, Ann, MS, Florida State University; Visiting Assistant in Textiles and Consumer Sciences

Dutham, Christin M., BA, Flagler College; University School Assistant Professor, Florida State University School

Dusenbury, Richard B., PhD, Wisconsin at Madison; Associate Professor of Accounting

+ Dutton, Gaith, PhD, Cornell; Associate Professor of Medical Humanities and Social Science

Duval, Emily, PhD, University of California, Berkeley; Assistant Professor of Biochemistry

Dwyer, Colin F., B.F.A.; University of Central Florida Associate in Research Educational Services Program Institute of Public Affairs

Dwyer, Jane, MSW., Florida State University; Lecturer, College of Social Work

Dyer, Cynthia, M.Ed., University of North Carolina, Chapel Hill; Visiting Assistant Professor of Education

Dyer, Barbara, PhD, University of Tennessee, Knoxville; Chair and Associate Professor of Textiles and Consumer Sciences

Easton, Peter A., PhD, Florida State University; Associate Professor of Educational Leadership and Policy Studies

Ebbets, Paul D., M.M., Northwestern University; Associate Professor of English

Eben, Deborah J., PhD, Wisconsin; Associate Professor of Childhood Education, Reading, and Disability Services

Eben, Lisa A., BS, Florida State University; University School Instructor, Florida State University School

+ Eberstein, Isaac Warren, PhD, Texas; Charles Meade Grigg Professor of Sociology, 2001, Program Director Sociology, and Chair of the Department of Sociology and Criminology

Edy, Chad, M.F.A., University of Maryland; Assistant Professor of Art

+ Eccles, David W., PhD, Wales; Assistant Professor and Associate Program Director Program Development/Faculty Support Learning Systems Institute

Eckel, Lisa A., PhD, Western Ontario; Associate Professor of Educational Psychology

+ Edgington, Chris S., PhD, University of Missouri, Rolla; Assistant Professor of Electrical and Computer Engineering

Edwards, Barbara J., EdD, Kentucky; Associate Professor of Special Education

Edwards, Leigh H., PhD, Pennsylvania; Associate Professor of Education

Edwards, Melinda, M.Ed., University of Central Oklahoma; Assistant in Clinical Psychology

Ehrlich, Nina, PhD, Florida State University; Associate Professor of Modern Languages and Linguistics

Eger, Robert, PhD, University of Kentucky; Associate Professor of Public Administration and Policy

Eggenbraaten, Gary B., MS, Fi Suq School of Business, Duke; Program Director Communication and Multimedia 41

+ Eginton, Margaret L., M.F.A.; University of Iowa; Assistant in Actor Training Theatre

Ehrlich, Sean, PhD, University of Michigan; Assistant Professor of Sociology

+ Ehrlinger, Joyce, PhD, Cornell University; Assistant Professor of Psychology

Elakkol, R. E., PhD, University of California, San Diego; Assistant Professor of Computing

Ellington, Robert G., PhD, Florida State University; Chair of the Mathematics and Professor of Computer Science

Ellington, Kenneth, MS.Ed.; Florida State University; Associate in Research, Learning Systems Institute

Ellington, W. Ross, PhD, Rhode Island; Associate Vice President for Research and Michael J. Greenberg; Professor of Biological Sciences 2001

Ellis, Marc H., PhD, Marquette; Visiting Professor of Religion

Elmer, James Brian, PhD, Wisconsin at Madison; Professor of Geography

Elton, Catherine P., MS, Florida State University; Assistant University Librarian, Center for Information, Training, and Evaluation Services

Emets, Sergey V., PhD, Moscow State; Assistant in Research Chemistry and Biochemistry

Emmerson, Richard, PhD, Stanford University; Chair and Professor of History

Emmert-Keaton, Nathaniel, M.P.A.; Columbia; Visiting Research Associate, Center for Biomedical/Toxicological Research

Emmert, Mark R., PhD, Texas; Scholar/Scientist/Engineer, National High Magnetic Field Laboratory

Engel, Lloyd M., PhD, Princeton; Scholar/Scientist/Engineer, National High Magnetic Field Laboratory

Englander, Oni, PhD, California; Berkeley; Assistant Professor of Mechanical Engineering

+ Epstein, Andrew D., PhD, Columbia; Associate Professor of Economics

Epstein, Lloyd M., PhD, Indiana; Associate Chair for Curriculum and Associate Professor of Biological Science

Epstein, Susan A., M.L.S.; Florida State University; Associate Librarian Career Center

Ericsson, Gregory M., PhD, California at Berkeley; Associate Professor of Biological Science

Ericsson, Lawrence, PhD, University of Stockholm; FSCW/ Kingburs Eminent Scholar in Honor and Memory of Dr. Edward Connell and Professor of Psychology

Ericson, Gordon, PhD, Columbia; Professor of Mathematics

+ Emsl, Kathleen M., PhD, Wisconsin; Associate Professor of Religion

Eusuf, Zain, M.A., Florida Gulf Coast University; Assistant in Academic and Professional Program Services

Eugenio, Paul M., PhD, Massachusetts; Associate Professor of Physical Therapy

Ewelani, Vicki B., PhD, Mississippi State; Professor of Communication

Everage, Karen, MS, Florida State University; Associate in Information Technology

Everhart, Nancy L., PhD, Florida State University; Associate Professor, College of Information

Ewald, Brian, PhD, Indiana University; Assistant Professor of Mathematics

Faddol, Debra Ann, PhD, Florida; Associate Professor of Biological Science
McGinnis, Karen, PhD, Arizona State; Assistant Professor of Biological Science
McGregory, Jerrel, PhD, Pennsylvania; Associate Professor of English
McHugh, William F., J.D., Union University-Albany Law School; Professor of Law
McKay, Jan P., M.S.; Associate in Research Center for Performance Technology
McKenna, Michael, PhD, University of Virginia; Professor of Philosophy
McKerny, Arly, Ed.D., Texas Tech; Assistant Professor of Childhood Education, Reading, and Disability Services
Mclannon, Tara L., M.Ed., University of Virginia; University School Instructor, Florida State University School
McIver, Miranda, M.N., Emory; Assistant in Nursing
McLeod, Paul, M.D., Alabama at Birmingham; Professor of Medicine
Mahaffon, Brenda J., PhD, University of Toronto, Canada; Assistant Professor of Educational Leadership and Policy Studies
McMahon, Darrin M., PhD, Yale; Professor of History
Mcmullen, Susan, BS, Florida State University; Visiting University School Instructor, Florida State University School
McNally, Stacy Shor, J.D., Vermont Law; Assistant in Research Criminology
McNaughton, David A., B.Phil., Magdalum; Professor of Philosophy
McQuade, D. Tyler, PhD, University of Wisconsin, Madison; Associate Professor of Chemistry and Biochemistry
McQueen, M. F. L., Florida State University; Associate University Librarian and Department Head, Strozier Library
McQuone, Catherine U., M.A.; Florida State University School; Instructor, Florida State University School
McRorie, Sally E., PhD, Kansas; Dean of the College of Visual Arts, Theatre, and Dance; Professor of Art Education
McWey, Lenore M., PhD, Florida State University; Associate Professor of Family and Child Sciences
Meade, Deborah M., M.M., University of Georgia; University School Instructor, Florida State University School
Meade, Larry G., BS, Florida University; Florida School School Instructor, Florida State University School
Meadows, Jane G., MS, Florida State University; Assistant in Research Systems Institute
Mears, Daniel, PhD, Texas; Associate Professor of Criminology and Criminal Justice
Meehan, Kathryn, PhD, Florida State University; Visiting Instructor of English
Meek, Richard, M.B.A.; Florida; Research Associate, Center for Advanced Power Systems
Mehan, Patrick J., M.M.; University of Michigan; Alfred N. Tinston Professor of Music
Mei, Alfred R., PhD, Michigan; Professor of Philosophy
Menchetti, Bruce M., PhD, Illinois at Urbana-Champaign; Associate Professor of Mathematics
Mendoza, Maria, FSU, Florida State University; Assistant in English
Meredith, Michael, PhD, Pennsylvania; Professor of Mathematical Sciences
Mesev, Traico V., PhD, University of Bristol; Chair and Professor of Geography
Merris, Mark L., M.F.A.; Indiana University; Professor of Art History
Mesterton-Gibbons, Mike, PhD, Oxford; Professor of Mathematics
Metcalfe, Leslie, PhD, Stanford University; Assistant in International Affairs
Metz, Retrosford L.; Associate in Film
Meyer, James B., J.D., Mercer School of Law; Associate Professor of Psychology
Meyer, Victoria L., M.F.A.; Columbia; Associate in Film
Meyer-Baase, Anke, PhD, Darmstadt University; Assistant Professor of Computer Engineering
Meyer-Baase, UweH., Darmstadt University; Associate Professor of Electrical and Computer Engineering
Michelini, Katelyn, MS, University of Illinois; Visiting Assistant in Information Science
Mikati, Jamil E., PhD, Florida State University; Visiting Assistant Professor of Elementary and Early Childhood Education and Practice
Miller, Judy, PhD, University of Tennessee; Assistant Professor in Health Education and Development
Miller, Rebecca S., PhD, Cornell; Associate Professor of Urban and Regional Planning
Milford, Joanna S., MS, Florida State University; Assistant Director Clinical Programs Multidisciplinary Center
Miller, Brian G., PhD, North Carolina; Assistant Professor of Chemistry and Biochemistry
Miller, Steven H., PhD, Florida State University; Associate Professor in Biological Science
Miller, Thomas E., PhD, Michigan State; Professor of Biological Science
Milligan, Jeffrey A., PhD, Oklahoma; Assistant Professor of Educational Leadership and Policy Studies
Mills, Steven D., Ed.D., Florida; Research Associate, Family and Child Sciences
Milton, Sande D., PhD, Cornell; Professor of Educational Leadership and Policy Studies
Minoe, Claudia, PhD, University of California; Assistant Professor of History
Miner, David R., M.S., Florida State University; Assistant in Information Systems
Minnis, Darrin, BS, Central Florida; University School Instructor, Florida State University School
Mio, Washington, PhD, Courant Institute-New York University; Professor of Mathematics
Misono, Tomoko, MS, Ochanomizu University; Assistant in Research, Chemistry and Biochemistry
Mitchell, Carol, BS, Florida State University; Assistant Professor in Meterology
Mitchell, Meghan, M.F.A., University of Maryland, College Park; Assistant in Art
Mitchell, Michael R., BS, Georgia Institute of Technology; Assistant in Distance Learning
Mitchell, Sarah, PhD, Michigan State University; Assistant Professor of Philosophy
Mitchell, Shatoya L.M.S., Florida State University; University School Instructor, Florida State University School
Mitchell, Richard M., JD, PhD, Rutgers; University Professor of History
Mordow, William, M.L.S., Florida State University; Associate Librarian, Florida University Libraries
Mondal, Rakesh, MS, Florida State University; Research Associate Center for Biomedical and Technological Research
Moffat, Robert I., PhD, Michigan; Georgia Alice Starnford Professor of Exercise Science 2000 Professor of Nutrition Food and Exercise Sciences
Molina, Laurie E., MS, Florida State University; Associate Scholar/Scientist/Engineer, Florida Resources and Environmental Analysis Center
Mon, Lorraine, PhD, University of Washington; Assistant Professor of Information
Montana, Michael, M.S., Florida State University; Assistant in Research, Chemistry and Biochemistry
Mondello, Michael J., PhD, Florida State University; Assistant Professor of Sport Management, Recreation Management, and Physical Education
Montgomery, Maxine L., PhD, Illinois; Associate Professor of English
Montgomery, Meghann, BA, University of Central Florida; Associate in Research, Learning Systems Institute
Monwar, Masud, PhD, University of Akron, Ohio; Visiting Assistant in Chemistry and Biochemistry
Moore, Carol A., PhD, Georgia Institute of Technology; Visiting Assistant Professor of Mechanical Engineering
Moore, Christopher R., D.M.A., Rochester; Assistant Professor of Music
Moore, Nathan M., PhD, University of Louisiana; Associate Dean, School of Music
Moor, Madeline L., PhD, Florida State University; Assistant Professor of Strategy and Policy Studies
Moor, Dennis R., PhD, North Carolina at Chapel Hill; Associate Professor of English Distinguished Teaching Professor 1998-1999
Moor, Mary Ann, PhD, Florida State University; Associate Dean of the College of Human Sciences and Professor of Textiles and Apparel Sciences
Moor, Melodee M., PhD, Northwestern; Instructor in General Engineering Program
Moore, Stanley A., Visiting Professor of Law
Moore, William A., PhD, Colorado at Boulder; Professor of Political Science
Morales, Maria H., PhD, Pennsylvania; Associate Professor of Psychology
Morales, Monica, BS, Florida State University; Instructional Specialist, Center for Educational Research and Policy Studies
Moses, Steven L., PhD, Florida State University; Associate Scholar/Scientist/Engineer, Meteorology
Morgan, Anthony T., BS, School of Long-term Contemplation Dance; Professor of Dance
Morgan, Belinda, PhD, Florida State University; Assistant in Communication Disorders
Morgan, Richard J., PhD, Florida; Associate Professor of Curriculum and Instruction
Morton, Richard M., PhD, Pennsylvania; Associate Professor of Accounting
Morton, Sidi K., MS, Florida State University; Academic Administrator and Director Academic Affairs
Mosley, Brian A., PhD, Florida State University; Assistant in Physical Education
Moss, Christine, MS, Florida State University; Visiting Associate in Learning Systems Institute
Moulton, Kari, M.S., University of Michigan; Assistant in Physical Education
Mugna, Pramit A., PhD, Wisconsin at Madison; Associate Professor of Civil and Environmental Engineering
Mullis, Ann K., PhD, Iowa State; Associate Professor of Family and Child Sciences
Mullis, Ronald L., PhD, Iowa State; Professor of Family and Child Sciences
Mundy, Ocean, M.F.A., University of California, San Diego; Assistant Professor of Art
Munn, J., MS, University of North Carolina, Chapel Hill; Assistant Professor of Social Work
Munro, Steven, PhD, University of Aberdeen, Scotland; Associate Professor of Modern Languages and Linguistics
Munton, Peter, MA, North Dakota State University; Associate Chair and Associate Professor of Interior Design
Murphy, Harry A., PhD, Florida State University; Associate in Psychology, Panama City Branch
Murphy, Patrick M., MS, Florida State University; University School Associate Professor, Florida State University School
Murphy, Timothy P., MS, North Carolina; Associate in Research National High Magnetic Field Laboratory
Musche, Colleen L., M.F.A., Southern Methodist; Don Stowell, Jr. Professor of Theatre
Muslimani, Ziya, PhD, Technion-Israel Institute of Technol; Assistant Professor of Mathematics
Musynska, Michael J., M.D., Ohio State; Assistant Dean of the College; Professor of Medicine
Muthuswamy, Kamal S., MS, Florida State University; Associate in Distance Learning Academic Affairs
Myers, Edmund G., PhD, Oxford; Staff Physicist Physics
Myers, Robert E., FSU, Florida State University; Associate in Medicine Clinical Sciences
Myers, Karen L., MS, Florida State University; Associate Professor of Medicine
Myers, Lauren, BS, Florida State University; University School Instructor, Florida State University School
Myers, Robert L., MS, Florida State University; Associate in Computer Science Clinical Sciences
Nadolski, Chester J., MS, Missouri; Assistant Professor of Military Science
Nagy, Suzanne P., MS, West Florida; Associate Librarian, College of Medicine
Nalley, James H., D.M.A., Rochester; Assistant Professor of Music
Narayan C.L.R., Karthik, MS, Florida State University; Research Associate, Center for Educational Research and Policy Studies
Naseer, Roald, PhD, Institute of Fine Arts; Professor of Art
Navon, Ionel M., PhD, University of the Witwatersrand; Professor of Mathematics and Meteorology and Program Director School of Computational Science and Information Technology
Naylor, Kevin C., PhD, Maryland; Associate Professor of Biological Sciences-CSIT
Neal, Michael, PhD, University of Louisville; Associate Professor of English
Nelson, David, MS, Florida State University; Assistant in Research, Learning Systems Institute
Neusam, Robert M., PhD, Michigan; Professor of Art History
Newdome, Beth A., B.M., Eastman School of Music; Associate Professor of Music
Newton, Laura, PhD, Florida State University; Assistant in Management, College of Business
Ng, Hon Kie, PhD, McMaster; Associate Professor of Physics
Ng, Kwong B., PhD, Rutgers; Assistant Professor of Information
Nichols, Warren D., PhD, Chicago State; Professor of Psychology
Nicholson, Sharon E., PhD, Wisconsin; Distinguished Research Professor 1997-1998 Heinz and Katharina Lettau Professor of Climatology 2001 and Professor of Meteorology
Nielsen, Simon, PhD, Tromso University; Associate Curator, Geological Sciences
Nikonov, Alexander, PhD, 1st Moscow Medical Institute, USSR; Research Associate in Psychology
Nikolova, Larissa, PhD, University of Biophysics, Pushchino, USSR; Research Associate in Psychology
Nimrod, Emil, B.Sc., AUB, Hebrew University; Assistant in Communication Disorders
Nissen, Aleisha, BA, SUNY Binghamton; Visiting Assistant in Ringling Center for the Arts
Niu, Xufeng, PhD, Chicago; Professor of Statistics
Noble, Dionne, M.F.A., University of Utah; Visiting Associate Professor of Dance
Robinson, Markus, BS, Florida A & M; Assistant in Technology, College of Human Sciences

Roche, James W., M.F.A., University of Dallas; Professor of Studio Art

Rodgers, Ryan P., PhD, Florida State University; Associate Scholar/Scientist/Engineer, National High Magnetic Field Laboratory

Rodin, Mark A., BS, Florida State University; Program Director Communication

Rodrigo, Hothi, B., University of Ivoiple; Associate Scholar/Scientist/Engineer, Center for Advanced Power Systems

Rodríguez, Jose, M.D., Cornell; Clinical Associate Professor of Medicine and Rural Health

Roehrig-Bice, Alysa D., PhD, Notre Dame; Assistant in Research, Learning Systems Institute

Rogachev, Grigory V., PhD, Russian Research Center; Mediation and Chair of Clinical Sciences

Rogers, Nancy M., PhD, Eastman School of Music; Associate Professor of Music

Rogers, Sandra MA, University of Alabama; Assistant in Criminology and Public Policy Research

Rohani, Farnak, MS; Scholar/Scientist/Educational Services Program Institute of Science and Public Affairs

Rohlinger, Deane A., PhD, California, Irvine; Assistant Professor of Sociology

Roktya, Darin, PhD, University of Idaho; Assistant Professor of Biology

Rolph, Jeremy J., Florida State University; Assistant in Center for Ocean-Atmospheric Prediction Studies

Roman, Mary Bridget, M.M.; Eastman School of Music; Assistant Professor of Music Education

Romanchuk, Robert L., PhD, California at Los Angeles; Associate Professor of Modern Languages and Linguistics

Romano, Allen J., PhD, Stanford University; Assistant Professor of Law

Romrell, Lynn, PhD, Utah State University; Associate Dean and Professor of Medicine

Ron, Elia C., PhD, State University of New York, Stony Brook; Assistant in Tree Services and Studies

Roper, Michael, PhD, University of Florida; Assistant Professor of Chemistry and Biochemistry

Rosal, Marcia L., PhD, University of Queensland; Professor of Art Education

Ross, Mary R., PhD, Texas University at Austin; Associate Dean for Faculty Development, Nursing

Ross-Domanski, Mary, M.S.W., Florida State University; Lecturer of Social Work

Rossi, Jim, J.D., Iowa College of Law; Associate Dean of the College of Law and Harry M. Walborsky Professor of Law

Rosso, Celeste M., BA; Barry University; University School Instructor, Florida State University School of Business

Rost, Kathryn, PhD, Johns Hopkins University; Professor of Medical Ethics

Roux, Kenneth H., PhD, Tulane; Kurt G. Hofer Professor of Biological Science

Rowan, Alan C., University of Alabama; Visiting Assistant in Public Health

Rowe, Anne E., PhD, North Carolina at Chapel Hill; Dean of the Faculties and Deputy Provost and Professor of English

Rowell, David, M.F.A.; University of Alabama; Director and Assistant in Theatre

Rozelle, Page A., PhD, Florida State University; Assistant in Undergraduate Studies/Academic Success

Rubin, Robert A., PhD, Florida; Associate in Research Center for Educational Research and Policy Studies

Rubini, Gail, M.F.A.; University of Illinois; Professor of Art

Rubinstein, Sallie, M.L.S.; Associate Librarian, University Library

Rubinshteyn, Susann E., Ed.D., Nova Southeastern; Academic Director of Academic and Professional Program Services and Faculty Administrator

Rudd, Andrew, PhD, Idaho; Assistant Professor of Sports Management, Recreation Management, and Physical Education

Ruhl, John B., LL.M., PhD, George Washington; Professor of Law (Joseph Story Professor of Law 2001)

Ruscher, Paul H., PhD, Oregon State; Associate Professor of Meteorology

Ruse, Michael E., PhD, University of Bristol; Professor of Philosophy

Rushin, Judy, M.F.A. Georgia State University; Associate Professor of Training and Drawing

Russell, Carolyn T., PhD, Coordinator Clinical Programs Social Work

Russell, Kimberly, M.Ed., Auburn University; Assistant in Research, Florida Center for Reading Research

Rutkovsky, Paul, M.F.A.; University of Illinois; Associate Professor of Studio Art

Rutledge, Stacey A., PhD, University of Chicago; Assistant Professor of Educational Leadership and Policy Studies

Ryan, Kristie A., Ed.D., Florida State University; Professor of Education and Faculty Administrator

Ryan, Pernell, L. D.M.A., University of Cincinnati; Professor of Music

Ryan, Rebecca, Ed.D., Georgia Southern University; Professor of Chinese

Ryan, Rodney, PhD, Walden University; University School Assistant Professor and Middle School Principal, Florida State University School

Raytta, Jennifer, PhD, Case Western Reserve; Associate Dean of the College of Social Work and Associate Professor of Social Work

Ryerson, Eugene G. M.D., New Jersey College of Medicine; Assistant Professor of Psychiatry

Ryknin, Dmitry, PhD, Charles University; Assistant Professor of Economics

Sabo, Jessica E., Assistant in Research National High Magnetic Field Laboratory

Sachs-Ericsson, Natalie J., PhD, Southern Illinois; Scholar/ Scientist, Clinical Psychology

Saez, Zan, E., University of California, Riverside; Assistant in Research, Learning Systems Institute

Saks, Yad, PhD, Stanford University; Associate Professor of Psychological Science

Salata, Kris, A., PhD, Stanford University; Associate Professor of Physiology

Salmon, Tim C., PhD, Johns Hopkins; Assistant Professor of Economics

Salter, Vincent J.M., PhD, Massachusetts Institute of Technology; Professor ofGeological Sciences

Santel, Jack, PhD, California Institute of Technology; Professor of Chemistry and Biochemistry

Sampson, James P., Jr., PhD, Florida; Associate Dean and Professor of Education

Sampson, Victor D., PhD, Arizona State University; Assistant Professor of Middle and Secondary Education

Sanmedral, Ramakrishna, PhD, University of Mississippi; Research Associate

Sanchez, Alvaro, MS, Florida State University; Assistant in Research, Academic and Professional Program Services

Sanchez, Robert, MS, Florida State University; Assistant in K12 Education, National High Magnetic Field Laboratory

Sanchez, Luis, PhD, Florida State University; Visiting Assistant Professor of Geography

Sandahl, Carrie E., PhD, Wisconsin at Madison; Associate Professor of Theatre

Sanderson, Cynthia L., MS, Auburn University; Assistant in Textiles and Consumer Sciences

Sanderson, Jeffrey F.A., Arizona State University; Professor and Chair of Art

Sandler, James R., B.F.A., University of Southern Mississippi; Visiting Assistant

Sanfilippo, Janet C., M.A.; Southeast Missouri State University; Associate Director and Research Associate, Center for Information Training and Evaluation Services

Sang, Quing-Xiang, PhD, Georgetown; Professor of Chemistry and Biochemistry

Sapolisky, Barry S., PhD, Indiana; Professor of Communication

Sappulo, Ninamaria, MA; University School Instructor, Florida State University School of Business

Sarkar, Otoniel M., BS, Florida State University School of Business; University School Instructor, Florida State University School of Business

Sass, Tim R., PhD, University of Washington; Associate Professor of Economics

Sawalha, Mary, UT; State University; Distinguished Teaching Professor 2002-2003 D.K. Salunkhe Professor of Food Science 2001 and Professor of Nutrition Food and Exercise Sciences Institute of Food Science

Sauer, Gregory D., MA, New England Conservatory; Associate Professor of Music

Saunders, Charles N., PhD, University of Alabama; Assistant Professor of Physics

Saunders, Melissa, PhD, University of Pennsylvania; Visiting Lecturer of Urban and Regional Planning

Scalara, Michelle A., BA; Chief Conservator and Associate in the History of English in America

Schenan, Susan M.S.W., California State University at Sacramento Lecturer, College of Social Work

Schattschneider, Chris W., PhD, Case Western Reserve; Professor of Psychology

Schepartz, Lynne A., PhD, University of Michigan; Associate Professor of Anthropology

Schepkin, Victor, PhD, Karaz State University; Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory

Schlagenhaufen, Don E., PhD, Illinois; Professor of Economics and Rod and Hope Bнимin Scholar in Economic Studies

Schlakman, Mark R., J.D., Georgetown; Program Director Center for Advancement of Human Rights Institute of Science and Public Affairs

Schleier, R., M.S., Northern Illinois University; Assistant in Communication Disorders

Schlenoff, Joseph F., PhD, Massachusetts, Amherst; Leo Marcus Professor of Jewish Folklore and Jewish History

Schlenoff, Zena T., PhD, Massachusetts; Assistant in Modern Languages

Schmittmann, Pedro U. J., PhD, Munich; Professor of Physics

Schmeelke, Mark W., PhD, Colorado; Assistant Professor of Geology

Schmertz, Carl P., PhD, California at Berkeley; Professor of Economics

Schmid, Brian G., PhD, Florida State University; Assistant in Accelerated Technology Physics

Schmidt, Heike L., PhD, Oxford; Assistant Professor of History

Schmidt, Norman B., PhD, Texas; Professor of Psychology

Schneider, Karen, M.F.A., University of San Francisco; Assistant University Librarian, Strozier Library

Schneider, Lorilee, PhD, George Washington University; Assistant in Research, Florida Catastrophic Storm Risk Management Center

Schoder, Karl, PhD, West Virginia University Assistant Scholar/Scientist, Center for Advanced Power Systems

Schoen, Scott, MS, Florida State University; Visiting Assistant in Learning Systems Institute

Scholz, John T., PhD, California at Berkeley; Francis Eppes Professor of Political Science

Schroeder, Jan, MA, Massachusetts Institute of Technology; Associate Program Director National High Magnetic Field Laboratory and Jack E. Crow Professor of Engineering

Schroch, Douglas P., PhD, North Carolina State; Associate Professor of Sociology

Schubert, Sharon J., B.M.Ed.; Florida State University; University School Instructor, Florida State University School of Business

Schwabe, Annette M., PhD, Kent State; Associate in Sociology

Schwartz, Daniel G., PhD, Portland State; Associate Professor of Computer Science

Schwartz, J., PhD, Massachusetts Institute of Technology; Associate Program Director National High Magnetic Field Laboratory and Jack E. Crow Professor of Engineering

Schwartz, Martin A., PhD, Stanford; Research Professor of Chemistry and Biochemistry

Schwartz, Robert A., PhD, Indiana; Associate Professor of Educational Psychology

Schwerzel, Sharon L., M.S.; San Jose State; Department Head and Librarian, University Libraries

Scoon, Valerie G., BA; Harvard; Associate in Film

Scott, Bernard, M.Ed., University of North Florida; Research Associate, Center for Educational Research and Policy Studies

Scott, Cynthia, M.Ed., Heidelberg College; Assistant in Learning Sciences

Scott, Lisa A., PhD, Nebraska; Assistant Professor of Communication Disorders, Coordinator of the Program for the Advancement of Assessment and Treatment of Stuttering

Scrapp, Matthew A., BS, Florida State University; Assistant in Technology, College of Human Sciences

Seaton, Gay D.M., Florida State University; Program Director Music

Seaton, S. Douglas, PhD, Columbia; Warren D. Allen Professor of Music 2003

Sehgal, V., MS, Florida State University; Associate in Athletic Training Nutrition Food and Exercise Sciences

Seidenfeld, Mark, J.D., Stanford; Patricia A. Dore Professor of Advancement Studies and Public Affairs

Sellers, Robin J., PhD, Florida State University; Associate in History History

Semykina, Anastasia, MS, Florida State University; Professor of Economics

Sengupta, Mika K., PhD, Helsinki; Professor of Mathematics

Serna, Laura, PhD, Harvard; Assistant Professor of History

Serow, William J., PhD, Duke; Professor of Demography and Population Health

Sezer, Harun, M.S.; North Carolina State University; Professor of Chemistry and Biochemistry

Seydoff, Yehuda H., PhD, University of Pennsylvania; Assistant in History History

Shackelford, Victoria S., BS, Radford University; Assistant Professor, Florida State University
A. 482  Florida State University

Shachochis, Robert G., M.F.A.; University of Arizona

Shaffer, Matthew R., PhD, Yale; Associate Professor of Music

Sheaheen, Arlene B., MSW; Associate in Social Work

Sheaheen, Shahid A., PhD, Ruhr-Bochum; Associate Professor of Physics

Shankag, Sachin, PhD, University of Michigan; Assistant Professor of Chemical Engineering

Sharin, Blake, MS, Florida State University; Assistant in Research, Physics

Sharpe, Peggy L., PhD, New Mexico; Professor of Modern Languages

Shattruk, Mykhailo, PhD, Moscow State University, Russia; Assistant Professor of Chemistry and Biochemistry

Shaw, Kenneth G.D., Georgia; Intern Dean, Associate Dean and Professor, Panama City Campus

She, Yiyuan, PhD, Sanford University; Assistant Professor of Statistics

Shearer, Barbara S., M.S.L.S.; University of Illinois; Librarian, College of Medicine

Shepherd, Sheila H., MSN; University of Arizona; Assistant in Nursing

Sherdan, Danielle M., BS, Florida State University; Assistant in Research, Learning Systems Institute

Sherer, Matthew R., MS, University of Florida; Associate Professor of Biochemistry

Sheriff, Amy, MS, Kent State University; Visiting Assistant in Sport Management, Recreation Management, and Physical Education

Shetty, Kiran, MS, Florida State University; Assistant in Engineering, National High Magnetic Field Laboratory

Shih, Chiang, PhD, Southern California; Professor and Chair of Mechanical Engineering

Shin, Dong-Wook, PhD, Florida State University; Assistant Scholar, Geoscience

Shivashampi, Gururaj M., PhD, Kyushu Institute of Technology, Japan; Visiting Assistant in Chemistry and Biochemistry

Shiver, Gwenneth, BA; University of West Florida; Assistant in Research and Project Coordinator, Learning Systems Institute

Shoplock, Barbara M., MS, Florida State University; Associate in Biological Science Biological Science

Shouppe, Karen, BS, Florida State University; University School Instructor, Florida State University School

Shubrick, Mark, PhD, University of Florida; Visiting University School Instructor, Florida State University School

Shute, Valerie, PhD, University of California, Santa Barbara, Assistant Professor of Educational Psychology and Learning Systems

Sickinger, James P., PhD, Brown; Associate Professor of Civil Engineering

Siebert, Darcy C., PhD, North Carolina; Associate Professor of Social Work

Siegel, David A., PhD, Stanford University; Assistant Professor of political science

Siegrist, Theo, PhD, Swiss Federal Institute of Technology Zurich; Professor of Chemical Engineering

Silva, Cristobal S., PhD, York University; Assistant Professor of Chemical Engineering

Silverman, Eden J., PhD, Case Western; Assistant in Research Program Development/Faculty Support Learning Systems Institute

Simmons, Joyce M., PhD, Duke; Associate in Business, Communications Management

Simmons, Melanie J., PhD, Florida State University; Assistant in Accounting

Simon, Robin W., PhD, Indiana; Associate Professor of Sociology

Simonds, Patricia K., M.L.S.; Florida State University; Librarian, Law Library

Sims, Gretchen M., MS, Florida State University; Florida State University School

Sinha, Debiyotol, PhD, University of Rochester, NY; Professor of Pharmacology

Sinke, Suzanne M., PhD, Minnesota; Associate Professor of History

Simms, Clemon F., PhD, University of Georgia; Visiting Eminent Scholar, College of Business, Risk and Insurance

Simmons, George Stacy, PhD, Georgia; Professor of Risk Management/Insurance Real Estate and Business Law

Skinner, David A., PhD, Virginia Commonwealth University; Assistant in Electrical Engineering, Panama City Campus

Slaton, Michelle, BS, Florida State University; Assistant in Oceanic-Atmospheric Prediction Studies

Slovea-Griff, Svetoslava E., PhD, Iowa; Assistant Professor of Classics

Slice, Dennis, PhD, State University of New York at Stony Brook; Associate Professor of Biological Science

Slodicka, Michael J., PhD, Florida State University; Associate in Research Center for Advanced Power Systems

Smedema, Susan M., PhD, Wisconsin; Associate Professor of Childhood Education, Reading, and Disability Services

Smith, Gregory T., PhD, Florida; Visiting Assistant in Risk Management, Insurance and Real Estate

Smith, Dmitry, PhD, Ioffe Physical Technical Institute; School Of Engineer/Engineer, National High Magnetic Field Laboratory

Smith, Dale L., PhD, Massachusetts Institute of Technology; Chair and Associate Professor of Political Science

Smith, Douglas, DBA; Nova Southeastern University; Assistant in Finance

Smith, Jeffrey, M.B.A. University of Southern Indiana; Associate Professor of Educational Psychology

Smith, Kevin, BS; University of Manchester; Program Director, National High Magnetic Field Lab

Smith, Linda D., M.Ed., Florida Atlantic University; University School Instructor, Florida State University School

Smith, Michael, M.P.A.; George Washington University; Program Director, Medicine Instruction

Smith, Patrick A., BS; Associate Professor of Nursing

Smith, Richard L., BS, North Carolina Central; Associate Librarian, University Libraries

Smith, Robert K., MS; Associate in Online Learning Distance Learning Academic Affairs

Smith, Robbin N., MS; Associate in Research, Learning Systems Institute

Smith, Scott W., MA; Illinois State University School Scholar, Florida State University School

Smith, Sheryl M., MS; University of Wisconsin; Associate in Research Meteorology

Smith, Shelly J., JD; Columbia University; Visiting Assistant Professor of Law

Smith, Thomas E., PhD, Washington; Professor of Social Work

Smith, Velma, M.S.L.S.; Librarian and Department Head of University Libraries

Smith-Barron, Karim, MDU; University of Medicine and Dentistry of New Jersey; Assistant Professor of Medicine

Smudty, Gayla A., PhD, California-Limone; Assistant Professor of Urban and Regional Planning

Snowden, Selena B., DA, Arizona School of Health Sciences; Associate in Research, Communication Disorders

Snyder, Laura, BS, Florida State University; Assistant in Research, Florida Center for Reading Research

Soares, Alessandro D., M.F.A.; Florida State University; Assistant in visiting Film

Solabio, John O., PhD, Texas A & M; Associate Professor of Civil and Environmental Engineering

Solomon, Barry J., MS; Florida State University; Associate in Communication Journalism

Somasundaram, Thayumanayam, PhD, Indian Institute of Science; Associate in Research, Institute of Molecular Biophysics

Sommer, Sally R., PhD; New York; Professor of Dance

Sorber, Fred, PhD, Fudan; Associate Scholar/Scientist, Chemistry and Biochemistry

Southard, Elizabeth S., JD; Florida State University; Academic Administrator, Office of Research

Southland, Sherry A., PhD, Louisiana State; Assistant Professor of Middle and Secondary Education

Southwell, Karen J., MS, Florida State University; Associate in Physics, Professor

Souva, Mark A., PhD, Michigan State; Associate Professor of Political Science

Spacagna, Antoine E., PhD, Ohio State; Professor of Modern Languages

Spagnoli, Lisa K., PhD, North Carolina State; Associate Professor of Civil and Environmental Engineering

Speake, Steven L., PhD, Texas; Associate Dean of the School of Nursing and Professor of Nursing

Spears, Patricia A., PhD, Florida State University; Associate Scholar/Scientist/Engineer, Biological Science

Spencer, Bethany, PhD, Florida State University; Professor of Psychology

Spector, Chanmin, PhD, Florida State University; Visiting Assistant in Research, Learning Systems Institute

Spyker, Kevin G., MS; Georgia Tech; Harvey Mudd College; Associate Professor of Oceanography

Spicer, Maria T., PhD, Oklahoma State University; Assistant Professor of Modern Languages

Spence, Jeffrey P., PhD, John Hopkins; Associate Professor of Medical Humanities and Social Sciences

Spiller, Elizabeth A., PhD, Harvard University; Associate Professor of English

Spinger, David C., Jr., BS, Florida State University; Associate in Cryoeconomics and Accelerator Technology

Srinivasan, Ashok, PhD, University of Florida; Assistant Professor of Computer Science

Srivastava, Anuj, D.S.C., Washington University; Professor of Chemistry

Srivastava, Sanjeev, PhD, Texas A & M; Assistant Scholar/Scientist/Engineer, Center for Advanced Power Systems

Sutton, Louis D., Massachusetts Institute of Technology; Associate Professor of Oceanography

Stagg, Anne H., M.F.A., University of Illinois at Urbana- Champaign; Assistant in Art

Stagg, Susan, PhD, University of Alabama at Birmingham; Assistant Professor of Chemistry and Biochemistry

Stallings, Jon A., PhD, Georgia; Assistant Professor of Urban and Regional Planning

Standlee, Jayne M., PhD, Florida State University; Distinguished Research Professor 2003-2004

Stellhorn, Sara, MSW, Florida State University; Assistant Professor of Social Work

Stein, Ben, PhD, University of California, San Diego; Assistant Professor of Biomedical Sciences

Steinberg, Philip E., PhD, Clark University; Associate Professor of Geography

Steinbeck, Oliver, PhD, Georgia; Professor of Social Sciences and Public Policy

Steinman, Peter, PhD, University of Chicago; Associate Professor of Biological Sciences

Stemper, Nathan J., JD, Harvard; Associate Dean and Professor of Law

Steuer, Richard E., PhD, Florida State University; Associate Professor of Instructional Science

Stevens, Douglas, PhD, Indiana; Associate Professor of Accounting

Stewart, Eric A., PhD, Iowa State University; Associate Professor of Criminal Justice

Stewart, Mary, M.F.A., Indiana University; Professor of Art

Steigleman, Albert E., PhD, Columbia; Professor of Chemistry and Biochemistry

Stierwalt, Julie A., PhD, George Washington University; Associate Professor of Communication Disorders

Stiffel, Doug, PhD, North Carolina at Chapel Hill; Professor of Urban and Regional Planning

Stiles, William, PhD, Georgia Institute of Technology; Associate Professor of Mathematics

Stinchfield, John R., BS, University School; Assistant Professor of Economics

Stine, Curtis C., M.D., University of Medicine; Professor of Family Medicine and Biochemistry

Stoddard, Kathryn B., PhD, University of Virginia; Assistant in Humanities

Stockwell, Sara F., PhD, Florida State University; Associate Professor of Social Sciences

Stoffan, Mark, M.L.I.S., University of South Carolina; Associate Director and Associate University Librarian, Libraries

Stoltzfus, Nathan, PhD, Harvard; Professor of History

Stone, David L., PhD, Michigan; Assistant Professor of Classics

Stone, Ruth E., J.D., Florida State University; Associate in Law

Stover, Timothy, PhD, University of Texas; Assistant Professor of Humanities

Strazulla, Ronald J., MS; Florida State University; University School Associate Professor, Florida State University School

Stregiel, Andre, PhD, University of New Orleans; Assistant Professor of Chemistry and Biochemistry

Strosnider, Gregory F., PhD, North Carolina at Chapel Hill; Assistant Professor of Chemistry

Strout, Renee, MSN, Indiana University; Assistant in Nursing
University Faculty, Professional, and Administrative Personnel

Wu, Zhohua, PhD, University of Washington; Assistant Professor of Meteorology
+ Wulf, Jeanette L., PhD, Yale; Assistant Professor of Biological Science
Wychoff, Norman, MS, Florida State University; Associate University Librarian, Strozier Library
+ Wynot, Edward D., PhD, Indiana; Professor of History
Xie, Dongqing, MS, University of Florida; Associate in Libraries and Coordinator of Integrated Library System and Networked Services, Strozier Library
Xin, Yan, PhD, Cambridge; Associate in Research, College of Engineering
+ Xiong, Peng, PhD, Brown; Professor of Physics
Xu, Yingfeng, PhD, Tulane University; Visiting Assistant in Research, Geological Sciences
Xue, Song, PhD, Chinese Academy of Sciences; Assistant in Research, Institute of Molecular Biophysics
Yamauchi, Takayasu, PhD, Missouri University; Assistant in Research, Chemistry and Biochemistry
+ Yancey, Kathleen B., PhD, Purdue University; Kellogg W. Hunter Professor of English
+ Yang, Kaifeng, PhD, Rutgers; Associate Professor of Public Administration and Policy
+ Yang, Kun, PhD, Indiana; Professor of Physics
+ Yang, Wei, PhD, State University of New York; Assistant Professor of Chemistry and Biochemistry
+ Yang, Xiaojun, PhD, Georgia; Associate Professor of Geography
+ Yang, Yanya, PhD, Arizona State University; Assistant Professor of Educational Psychology and Learning Systems
Yao, Yuanzheng, MS, Florida State University; Assistant in Oceanographic Computing Meteorology
+ Yasuhara, Yoshihiro, PhD, Pennsylvania State; Assistant Professor of Modern Languages
Yazdapanan, Ramin, MS, Florida State University; Instructional Specialist, Center for Intensive English Studies
+ Ye, Ming, PhD, University of Arizona; Assistant Professor of Geobiological Sciences
Yesal-Dagi, Ummun, MS, Florida State University; Assistant in Research, Learning Systems Institute
Yin, Jianjun, PhD, University of Illinois; Assistant Scholar/Scientist/Engineer
+ Young, Patricia Henry, MA, New York University; Professor of Dance
Young-Clarke, Iris M., MS, Florida Agricultural and Mechanical University; Associate in Human Sciences Human Sciences
Youssef, Saul, PhD, Carnegie-Mellon; Scholar/Scientist/Engineer, Computational Science and Information Technology
+ Yu, Hong-Guo, PhD, University of Georgia; Assistant Professor of Biological Science
Yu, Jimmy, PhD, Princeton University; Assistant Professor of Religion
Yu, Ming, PhD, Rutgers University; Visiting Assistant Professor of Electrical and Computer Engineering
+ Yu, Xian-Min, PhD, Rutgers-Karl University; Associate Professor of Biomedical Sciences
Yuan, Xin, PhD, Pittsburgh; Associate Professor of Computer Science
Zamudio-Lopez, Luis-Fernando, PhD, Florida State University; Research Associate, Meteorology
Zanini Cordi, Irene, PhD, California at Berkeley; Assistant Professor of Modern Languages
Zavala-Hidalgo, Jorge, PhD, CICESE; Visiting Research Associate, Meteorology
Zawrotny, Michael E., PhD, Maryland; Assistant in Research, Institute of Molecular Biophysics
Ziegler, Mark T., MS, Florida State University; Associate in Communication
Zemaitis-Decesare, Julie, M.D., Eastern Virginia Medical School; Associate Professor, College of Medicine, OB/GYN Residency Program
+ Zeng, Changchun, PhD, Ohio State University; Assistant Professor of Industrial and Manufacturing Engineering
+ Zeni, Mary Beth, Sc.D., Pittsburgh; Assistant Professor of Nursing
Zervigon-Hakes, Anita M., PhD, Florida State University; Associate in Research Florida Resources and Environmental Analysis Center
Zhai, Yuhu, PhD, University of Florida; Assistant Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
+ Zhang, Chun, PhD, Iowa; Chair of the Industrial and Manufacturing Engineering and Professor of Industrial Engineering
Zhang, Fengli, PhD, Beijing Medical University; Scholar/Scientist/Engineer, National High Magnetic Field Laboratory
+ Zhang, Jinfeng, PhD, University of Illinois at Chicago; Assistant Professor of Statistics
+ Zhang, Mei, PhD, Osaka Prefecture University, Japan; Associate Professor of Industrial and Manufacturing Engineering
+ Zhang, Zhenghao, PhD, SUNY at Stony Brook; Assistant Professor of Computer Science
+ Zhao, Tingting, PhD, University of Michigan; Assistant Professor of Geography
Zhao, Yunge, PhD, Chinese Academy of Sciences; Visiting Assistant Scholar/Scientist/Engineer, Chemistry
Zheng, Jian-Ping, PhD, E.E., State University of New York; Professor of Electrical and Computer Engineering
Zhou, Chengf, MS, Ohio State University; Assistant in Research, Learning Systems Institute
Zhou, Haidong, PhD, University of Texas at Austin; Assistant Scholar/Scientist, National High Magnetic Field Lab
+ Zhou, Huan Xiang, PhD, Drexel; Professor of Physics
+ Zhou, Yi, PhD, University of Minnesota; Associate Professor of Biomedical Sciences
+ Zhu, Fanxiu, PhD, Wuhan University; Assistant Professor of Biological Science
+ Zhu, Lei, PhD, New York University; Assistant Professor of Chemistry and Biochemistry
Zhu, Ping, PhD, Tsinghua University; Associate Scholar/Scientist, Biological Sciences
Ziegler, Roy A., M.L.S.; University of Missouri; Librarian and Associate Director, Strozier Library
Ziegler, Ruth S., MA; University of Missouri; Associate Librarian, University Libraries
Zierden, David F., MA, Florida State University; Associate in Research Meteorology
Zimmerman, Julia A., M.L., Emory University; Director and University Librarian, University Libraries
Zinszer, Michael A., BS, Florida State University; Associate in Advanced Science Diving, Panama City Campus
+ Zollar, Willa Jo, M.F.A.; Florida State University; Nancy Smith Fichter Professor of Dance 1999
Zorio, Diego, PhD, Indiana University; Visiting Associate Scholar/Scientist, Chemistry and Biochemistry
+ Zou, Xiaolei, PhD, Institute of Atmospheric Physics; Jule Charney Professor of Meteorology
+ Zuehlke, Thomas W., PhD, Florida; Associate Professor of Economics
Zwilling, Ellen T., D.MA, Julliard; Francis Eppes Professor of Music
DISTINGUISHED RESEARCH PROFESSORS

Harper, William C., MS, Distinguished Research Professor, 1990–1991, Professor of Studio Art (Retired)
Loper, David P., PhD, Western Reserve University; Distinguished Research Professor, 1991–1992, George W. DeVore Professor of Geological Sciences, 1999, and Director, Geophysical Fluid Dynamics Institute
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., M.D., Pavia, Italy; Distinguished Research Professor, 1992–1993, Professor of Biological Science (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
Bryant, John L., PhD, Georgia; Distinguished Research Professor, 1994–1995, Professor of Mathematics
Freeman, Marc E., PhD, West Virginia; Distinguished Research Professor, 1994–1995, Lloyd M. Beidler Professor of Biological Science, 2000
Owens, Joseph F., III, PhD, Tufts; Distinguished Research Professor, 1994–1995, Chair and Guenter Schwarz Professor of Physics, 2000
James, Frances C., PhD, Arkansas; Distinguished Research Professor, 1995–1996, Pasquale Grazzioli Professor of Biological Science, 1999
Stem, Melvin E., PhD, Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, V. W. Ewing Professor of Oceanography, and National Academy of Sciences
Pfeffer, Richard, PhD, Massachusetts Institute of Technology; Distinguished Research Professor, 1996–1997, Carl-Gustaf Rosby Professor of Meteorology
Torgesen, Joseph, PhD, Michigan; Distinguished Research Professor, 1996–1997, Robert M. Gaynor Professor of Psychology and Education, 2000, and Professor of Psychology
Van Sciver, Steven W., PhD, Washington; Distinguished Research Professor, 1996–1997, Professor of Mechanical Engineering
Haqopian, Vasken, PhD, Pennsylvania; Distinguished Research Professor, 1997–1998, Professor of Business
Myles, John F., PhD, Wisconsin; Distinguished Research Professor, 1997–1998, Professor of Sociology
Nicholson, Sharon E., PhD, Wisconsin; Distinguished Research Professor, 1997–1998, Heinrich 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, Matthew Sussenbach Professor of English, 1999
Holton, Robert A., PhD, Florida State; Distinguished Research Professor, 1999–2000, Matthew Sussenbach Professor of English, 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
Tabor, Samuel, PhD, Stanford; Distinguished Research Professor, 2001–2002, Professor of Physics
Taylor, Kenneth A., Ph.D California at Berkeley; Distinguished Research Professor 2001–2002, Professor of Biological Science
Dalal, Nar S., 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 Fridjof Nansen Professor of Oceanography, 2001
Teale, Walter P., PhD, California at Berkeley; Distinguished Research Professor, 2002–2003, and Margaret Y. Menzel Professor of Biological Science, 1999
Berkeley, Karen J., PhD, Washington; Distinguished Research Professor, 2003–2004, McKenzie Professor and Professor of Psychology
Perwe, 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
Brooks, James S., PhD, University of Oregon; Distinguished Research Professor, 2004–2005, Grace C. and William G. Moulton Professor of Physics, 2002
Chang, Dana Namas, PhD, Texas A&M; Distinguished Research Professor, 2004–2005, Krishnamurti Karamchetti Professor of Engineering, 2000, and of Mechanical Engineering
Roux, Kenneth H., PhD, Tulane University; Distinguished Research Professor, 2004–2005, Professor of Biological Science
Chant, 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
Nolte, Robert J., PhD, Virginia; Distinguished Research Professor, 2005–2006, Richard L. Rubenstein Professor of Religion, 2000, and Chair of Religion
Leverson, 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
Leach, John J., 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, Associate 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
Goldby, 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
Sathe, Shrihari, PhD, Utah State; Distinguished Teaching Professor, 2002–2003, D.K. Salunkhe Professor of Food Science, 2001, and Professor of Nutrition, Food and Exercise Sciences
Everage, Karen Burgess, MS, Florida State; Distinguished Teaching Professor, 2003–2004, and Associate In Mathematics
Carroll, Pamela S., Ed.D., Auburn; Distinguished Teaching Professor, 2005–2006, Dwight L. Burton Professor of English Education, 2006, and Professor of Middle and Secondary Education
Kirk, David K., PhD, Johns Hopkins; Distinguished Teaching Professor, 2006–2007, Robert O. Lawton Distinguished Professor, 2003–2004, McKenzie Professor, 1999, and Professor of English
Christiansen, William A., PhD, Utah; Distinguished Teaching Professor, 2007–2008, Chair and Associate Professor of Finance
DAISY PARKER FLORY ALUMNI PROFESSORS

Madsen, Clifford K., PhD, Florida State; Alumni Professor 1985–1988, Distinguished Teaching Professor, 1989–1990, Professor of Psychology

Martin, Patricia Y., PhD, Florida State; Alumni Professor 1989, Professor of Sociology

Standley, Fred L., PhD, Northwestern; Alumni Professor 1985, Professor of English

THE PRESIDENT AND THE PROVOST’S NAMED PROFESSORSHIP PROGRAM

Anderson, Thomas L., PhD, Georgia; Jessic Lovano-Kerr Professor of Art Education, 2003

Baer, Howard A., PhD, Wisconsin; J. Daniel Kimel Professor of Physics, 2002

Beckham, Joseph C., J.D., PhD, Florida; Allan Tucker Professor of Educational Policy Studies and Leadership, 2000, Professor of Educational Leadership

Berry, William D., PhD, Minnesota; Marian D. Irish Professor of Political Science, 1999

Bickley, Robert J., PhD, Duke; Griffith T. Pugh Professor of English, 2002

Boehrer, Bruce T., PhD, Pennsylvania; Bertram H. Davis Professor of English, 2001

Bowers, Philip W., Tennessee; Dwight B. Goodrich Professor of Mathematics, 2002 and Associate Chair of Mathematics

Bridger, Carolyn A., D.M.A., Iowa; John Bodner Professor of Music, 2003

Brooks, James S., PhD, Oregon; Grace C. and William G. Moulton Professor of Physics, 2002

Bryant, John B., PhD, Missouri; Distinguished Research Professor, 1994–1995, Orville G. Harrold Professor of Mathematics, 2000

Burnett, William C., PhD, Hawaii; Carl Henry Oppenheimer Professor of Oceanography, 2002

Case, Bettye Anne, PhD, Alabama; Olga Larson Professor Of Mathematics, 2003

Chandra, Narasimha, PhD, Texas A&M; Krishnan V. Narayanan Professor of Engineering, 2000, and Professor of Mechanical Engineering

Charlton, Jeffrey P., PhD, North Carolina; John Widmer Professor of Oceanography, 2002, and Professor of Oceanography and Geological Sciences

Clarke, Allan J., PhD, Cambridge; Distinguished Research Professor, 2000–2001, Adrian E. Gill Professor of Oceanography and Geological Sciences

Conlon, 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. Seagate Professor of Mechanical Engineering, 2003

Conrey, Charles E., PhD, Michigan; William G. and Budd Bell Professor of Urban and Regional Planning, 2002, and Chair of Urban and Regional Planning

Connors, Robert J., PhD, Michigan; James C. Smith Professor of Psychology, 2002, and Director of Neuroscience
THE ROBERT O. LAWTON
DISTINGUISHED PROFESSORS

Rogers, William Hudson, PhD, Virginia; Distinguished Professor 1957–1958, Professor of English, (Deceased 7/11/75)

Irish, Marian Doris, PhD, Yale; Distinguished Professor 1958–1959, Professor and Chair of Political Science (Deceased 11/11/01)

Liddell, Anna Forbes, PhD, North Carolina; Distinguished Professor 1959–1960, Professor of Philosophy (Deceased 8/30/79)

Grunwald, Ernest Max, PhD, California; Distinguished Professor 1960–1961, Professor of Chemistry (Resigned)

Houk, Robert, PhD, New York; Distinguished Professor 1961–1962, Professor and Dean, School of Music (Retired)

Kasha, Michael, PhD, California; Distinguished Professor 1962–1963, Professor of Chemistry and Director, Institute of Molecular Biophysics (Retired)

Hoffman, Dorothy Lois Breen, PhD, Illinois; Distinguished Professor 1963–1964, Professor of Modern Languages and Linguistics (Deceased 3/7/85)

Floyd, Carlisle, Jr., M.M., Distinguished Professor 1964–1965, Professor of Music (Resigned)

Woodside, Stanley, PhD, Florida State; Distinguished Research Professor, 2003–2004, and Ella Scoble Opperman Professor of Music, 2000

Stephan, Fredrich, PhD, California at Berkeley; Curt P. Richter Professor of Psychology and Neuroscience, 2000

Stern, Melvin E., PhD, Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, National Academy of Sciences, W.V. Ekman Professor of Oceanography, 1999

Tabor, Samuel L., PhD, Stanford University; Distinguished Research Professor, 2001–2002; Norman H. Hedeyburg Professor of Physics, 2003, Professor of Physics

Tatum, W. Jeffrey, PhD, Texas; Olivia Nelson Dorman Professor of Classics, 2000, Chair of Classics

Thomas Andrews, D.M.A., Illinois; Owen F. Sellers Professor of Music, 1999


Tschinkel, Walter R., PhD, California at Berkeley; Distinguished Research Professor, 2002–2003, and Margaret Y. Menzel Professor of Biological Science, 1999

Turner, Robert J., PhD, Synacore; Marie E. Cowart Professor of Epidemiology and Sociology, 2004, Professor of Sociology

Von Molnar, Stephen, PhD, California at Riverside; Robert A. Kromhout Professor of Physics, 2001, and Director, Center for Materials Research and Technology

Wagner, Richard K., PhD, Yale; Alfred Binet Professor of Psychology, 1999

Wang, Hsiao-ping (Ben), PhD, Pennsylvania State; Simon Ostrach Professor of Engineering, 2000, and Chair of Industrial Engineering

Wetherby, Amy M., PhD, California at Santa Barbara; Laurel L. Schendel Professor of Communication Disorders, 2000

Whalley, David, PhD, Virginia; E.P. Miles Professor of Computer Science, 2003

Winegardner, Mark D., M.F.A., Janet G. Burroway Professor of English, 2001

Wise, Sherwood W., PhD, Illinois; Lyman D. Toulin Professor of Geological Sciences, 2001

Young, Marilyn, PhD, Pittsburgh; Wayne C. Minnick Professor of Communication, 2000

Zoller, Jawahar W., PhD, M.F.A., Nancy Smith Fichter Professor of Dance, 1999

Zou, Xiaolei, PhD, Institute of Atmospheric Physics; Jule Charney Professor of Meteorology, 2003

Hertz, Werner, PhD, Colorado; Distinguished Professor 1987–1988, Robert O. Lawton Professor of Chemistry (Retired)

Madsen, Clifford K., PhD, Florida State; Distinguished Professor 1988–1989, Alumni Professor 1985–1988, Distinguished Teaching Professor 1989–1990, Professor of Music

Greaves, Richard, PhD, London; Distinguished Professor 1989–1990, Professor of History

Robson, Donald, PhD, Melbourne; Australia; Distinguished Professor 1990–1991, Professor of Physics, and Scientist/ Scholar, School of Computational Science and Information Technology

Fichter, Nancy Smith, PhD, Texas Woman's University; Distinguished Professor 1991–1992, Chair and Professor of Dance (Retired)

Friedmann, E. Irene, PhD, Vienna; Distinguished Professor 1991–1992, Professor of Biological Science (Retired)

Smith, James C., PhD, Florida State; Distinguished Professor 1992–1993, Distinguished Teaching Professor 2001–2002, Mary Sears Professor of Oceanography, 2000, and Director, Center for Oceanographic Studies, 2000

Sethuraman, Jayaram, PhD, Indian Statistical Institute; Distinguished Professor 1993–1994, Professor of Statistics

Hofer, Kurt G., PhD, Vienna; Distinguished Professor 1994–1995, Distinguished Teaching Professor 1999–2000, Professor of Biological Science

Burroway, Janet G., MA, Distinguished Professor 1995–1996, McKinnon Professor, Service Professor of English

Travis, Joseph, PhD, Duke; Distinguished Professor 1996–1997, Professor of Biological Science


Holland, Myron, PhD, Stanford; Distinguished Professor, 1998–1999, Distinguished Research Professor, 1995–1996, Professor of Comparative Literature

O'Brien, James J., PhD, Texas A&M; Distinguished Professor, 1999–2000, Professor of English

Kirby, Robert W., PhD, Yale; Distinguished Professor, 2000–2003, Chair of English Department, and Professor of English

Marshall, Alan George, PhD, Stanford; Distinguished Research Professor, 1996–1999, Kennedy Professor of Chemistry

Tschinkel, Walter R., PhD, California at Berkeley; Distinguished Research Professor 2002–2003, and Margaret Y. Menzel Professor of Biological Science

Gontarski, Stephen E., PhD, Ohio State; Sarah Hendom Professor of English 1999, Distinguished Research Professor 1999–2000

Wagner, Richard K., PhD, Yale; Alfred Binet Professor of Psychology 1999
NATIONAL ACADEMY OF SCIENCES FLORIDA STATE UNIVERSITY MEMBERS

Beidler, Lloyd, PhD, Johns Hopkins; Distinguished Professor 1971–1972, Professor of Biological Science (Retired)

Caspar, Donald L., PhD, Yale; Professor of Biological Science

Fisk, Zachary, PhD, California at San Diego, Paul A.M. Dirac Professor of Physics, 1999

Gor’koy, 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 (Retired)

Kasha, Michael, PhD, California at Berkeley; Distinguished Professor 1962–1963, Professor of Chemistry/Institute of Molecular Biophysics (Retired)

Schrieffe, John R., PhD, Illinois; Nobel Laureate in Physics, 1972; Professor of Physics, National High Magnetic Field Laboratory

Stern, Melvin E., PhD, Massachusetts Institute of Technology; Distinguished Research Professor, 1995–1996, V.W. Ekman Professor of Oceanography, 1999

Taylor, J. Herbert, PhD, Robert O. Lawton Distinguished Professor 1983–1984, Service Professor of Biological Science (Deceased 12/29/98)

FOREIGN ACADEMIES FLORIDA STATE UNIVERSITY MEMBERS

Boyd, Monica, PhD, Duke; Mildred and Claude Pepper Distinguished Professor of Sociology, and Royal Society of Canada

O’Brien, James J., PhD, Texas A&M; Professor of Meteorology and Oceanography, Robert O. Lawton Distinguished Professor, 1999–2000, Distinguished Research Professor, 1990–1991, and Russian Academy of Natural Science

Sheline, Raymond K., PhD, California at Berkeley; Service Professor of Chemistry and Physics, Robert O. Lawton Distinguished Professor 1966–1967, and Royal Danish Academy of Science and Letters (Retired)

NOBEL LAUREATES

Kroto, Harold W., PhD, University of Sheffield; Francis Eppes Professor of Chemistry, Nobel Laureate in Chemistry, 1996
Retired Faculty

* Professor Emeritus
  + Distinguished Professor Emeritus

Aaron, Shirley, (1975-1994),Ph.D, Professor of Information Studies
Abcarian, Gilbert, (1967-1992),Ph.D, Professor of Political Science
Adamovich, Ljudiša S., (1986-2007),Ph.D, Scholar/Scientist/Engineer Dean’s Office, College of Science and Engineering
Adams, Jane L., (1946-1996),MA, Assistant Professor and Night Director, University Union
Adams, Rebecca, (1975-2006),MA, Associate University Librarian
Akbah, Na’im, (1979-2008),Ph.D, Assistant Professor of Psychology
Albertson, Robert W., (1955-1998),University School Associate Professor, Developmental Research School
Albrecht, Grace, (1950-1973),M.C.S., Research Associate and Assistant to the Vice President for Academic Affairs
Albright, John R., (1963-1995),Ph.D, Professor of Physics
Alderman, Nelda Cumming, (1964-1969),Ph.D, Assistant Professor, Developmental Research School
Alexander, Ruby, (1990-2007),Ph.D, Assistant in Nursing, School of Nursing
Alexander, Mary M., (1990-2007),Ph.D, Associate in Education Student Teaching
Alexander, Mary M., (1990-2007),Ph.D, Associate in Childhood Education, Reading and Disability Services
Alford, Atlantic R., (1946-1968),MA, Assistant Professor and Assistant Librarian, Library
Allaire, Joseph L., (1967-2003),Ph.D, Associate Professor of Modern Languages and Linguistics
Allen, Ruby, (1978-1999),Ph.D, Professor of Theatre and Assistant Program Director, Asolo State Theatre
Almarode, Richard, (1962-1994),MS, Associate Professor of Hospitality
Altholz, Judith, (1993-2003),Ph.D, Assistant Professor of Political Work
Anderson, Loran C., (1974-2003),Ph.D, Professor of Biological Science and Curator
Anderson, Rodney, (1966-2007),Ph.D, Professor of History
Anthony, William P., (1970-2005),Ph.D, Professor of Management
Apthorp, James W., (1964-1991),Ph.D, Staff Scientist/Engineer, National High Magnetic Field Laboratory
Barnes, Alileen Barger Thompson, (1954-1957),MA, Assistant Professor of English
Barnes, Lehman W., (1970-1991),Ph.D, Associate Professor of Childhood Education
Bartlett, Richard A., (1955-1989),Ph.D, Professor of History
Bass, Edwin J., (1969-2002),Ed.D, Associate Professor of Physical Education
Bassin, Alexander, (1968-1995),Ph.D, Professor of Chemistry
Beamer, Daniel E., (2001-2006),Ph.D, Associate Professor of Educational Research
Beard, Robert W., (1960-1998),Ph.D, Professor of Philosophy
Bedi, Hardip S., (1986-1998),Ph.D, Research Associate, Meteorology
Bennett, Neil B., (1970-2005),Ph.D, Professor of History
Blake, Hugh R., (1969-2004),Ph.D, Griffith T. Pugh Professor of English, College of Arts &amp; Sciences
Bjerregaard, Carl E., (1977-2005),Ph.D, Professor of Modern Languages and Linguistics
Bol, Black, Homer A., (1958-1989),C.P.A., Ph.D, Professor of Accounting
Bolton, Calvin E., (1961-1983),M.Ed., School University School Associate Professor, Developmental Research School
Boroto, Daniel R., (1970-2003),Ph.D, Professor of Information Studies
Blumscak, Steven L., (1969-2005),Ph.D, Associate Professor of Mathematics
Bock, John C., (1960-1990),Ph.D, Professor of Educational Foundations in Policy Studies, and Director, Center for International Studies, Learning Systems Institute
Boc, George, (1970-2004),M.Ed., Associate Professor of Art
Bolick, Mildred Irene, (1936-1965),Ph.D, Professor of Zoology and Biological Science
Bolmsmo, Louis C., (1964-1993),Ph.D, Associate Professor of Modern Languages and Linguistics
Brandolin, Hans Peter, (1990-2007),Ph.D, Professor of Physics
Brahaney, James P., (1976-2003),Ph.D, Professor of Chemistry
Braendlin, Hans Peter, (1971-2003),Ph.D, Professor of Psychology
Braenz, Ronald W., (1972-2003),Ph.D, Professor of English
Braxton, Robert K., (1970-2003),Ph.D, Professor of Educational Research, and Director, Center for Performance Technology
Brewer, James K., (1965-2003),Ph.D, Professor of Educational Research
Bridgman, William C., (1969-2004),Ph.D, Professor of Physical Education
Brock, Francis R., (1986-1996),Ph.D, Associate in Research, Educational Services Program
Brown, Amy L., (1975-2002),Ed.D, Associate Professor of Music
Brown, Stewart L., (1974-2002),Professor of Finance
Buck, Charles W., (1963-2000),Ph.D, Professor of Human Services and Studies
Burck, Harman D., (1960-1997),Ph.D, Professor of Human Services and Studies
Burkhead, B., (1967-1999),M.L.S., Associate Director, University Libraries
Burkhead, Charles A., (1970-2003),Ph.D, Associate Professor of Human Services and Studies
Burkman, Ernest, Jr., (1960-1990),Ed.D., Professor of Educational Research
Burton, Robert G., (1972-2002),MA, Professor of English, McKeen University, and Professor of Philosophy and Religion
Cancalon, Elaine D., (1972-2001),Ph.D, Professor of English, University School, University Libraries
Cannon, Francis C., (1951-1990),Ed.D, Professor of Human Services and Studies
Cappellini, Carlene H., (1988-2003),MA, Assistant in Distance Learning
Carls, Grace A., (1948-1970),Ph.D, Professor of Philosophy and Religion
Carroll, Benjamin H., (1974-1946),Associate Professor of English
Carroll, Gary B., (1978-1997),BA, Assistant in Research, Educational Services Program
Carroll, Myrtle S., (1958-1974),MA, Instructor and Associate Professor of Psychology
Carter, Odessa, (1955-1956, 1961-1977),Associate Professor, Developmental Research School
Carter, Robert C., (1970-1987),MS, Associate Professor of Nursing
Casem, Ernest Wesley, (1939-1967),Ph.D, Professor of Education
Casper, Donald L., (1994-2003),Ph.D, Professor of Biological Science, and National Academy of Sciences
Cassady, Denise S., (1963-1991),BA, University Curator, Geological Sciences
Cecil, Stephen E., (1976-2007),Ph.D, Professor of Finance
Chackerian, Richard, (1969-2003),Ph.D, Professor of Public Administration
Chang, Peter W., (1977-2003),MA, Visiting Assistant in Research, Statistics
Chaparron, Joseph F., (1964-1970),MA, Lecturer, Modern Languages and Linguistics
Chapman, Kenneth R., (1966-1991),Ph.D, Staff Physician and Professor of Physics
Chenteloup, Charlotte G., (1969-2008),Ph.D, Associate Professor of Management
Chiu, Tsao Y., (1982-2003),Ph.D, Director and Professor of Beaches and Shores Research Center, Institute for Science and Public Affairs
Cianna, Yvonne, (1969-2003),BA, Professor of Music
Clapp, Robert George, (1947-1972),MA, Professor of Information Sciences
Clark, Jack R., (1960-1994),M.F.A., Associate in Dance
Clark, Lincoln F., (1983-1995),Professor of Music
Clark, Robert C., (1974-2009),Ed.D, Associate Professor of Elementary and Early Childhood Education
Clark, Ronald, J., (1962-2003),Ph.D, Professor of Chemistry, Distinguished Teaching Professor, 1989-1990
Clarke, Karen E., (1980-2007),Professor of Music
Clarkson, Jane S., (1973-2000),M.L.S., Department Head and Librarian, University Libraries
Clay, Louise S., (1969-1990),MS, Librarian, University Libraries
Cobb, Martha A., (1949-1967),MA, Assistant Professor and Head Counselor
Collier, Albert, (1962-1977),BA, Professor of Biological Science
Collins, Wesley C., (1972-1986),M.Ed., Associate Professor of Music
Conner, Charles H., (1977-2002),Ph.D, Professor of Information Studies
Conner, Valerie J., (1974-2004),Ph.D, Associate Professor of History, College of Arts and Sciences
Connelly, Charles E., (1981-2008),Ph.D, Professor of Urban and Regional Planning
* Stephenson, William W., (1972-2007), PhD, Associate Professor of Political Science

* Stephenson, William W., (1972-2007), PhD, Associate Professor of Political Science

* Steppe-Green, Jonita E., (1996-2004), Ed.D., Associate in Modern Languages, College of Arts and Sciences

* Stern, Maxine G., (1966-2002), BA, Assistant in Research, University Relations

* Stern, Melvin, (1987-2006), PhD, Distinguished Research Professor

* Stewart, Jeanne, (1987-2007), MSN, Professor of Nursing

* Stiff, Ashby G., Jr., (1957-2001), MS, Associate Professor of Hospitality Administration

* Stoker, Howard W., Jr., (1957-1984), PhD, Professor of Research, Development, and Foundations

* Stone, Alva T., (1975-2005), MS, Assistant Librarian, Law

* Stoutrun, Barbara R., (1951-1953, 1963-1990), BS, Visiting Coordinator, Biological Science

* Stowell, H. Peter, (1973-2003), PhD, Professor of English and Motion Picture, Television, and Recording Arts

* Straif, Paul W., (1966-2007), PhD, Associate Professor of History


* Streem, James K., (1968-2003), MS, Professor of Music

* Strong, Donald R., (1972-1991), PhD, Professor of Biological Science

* Stuart, David W., (1962-2000), PhD, Professor of Meteorology

* Sturgis, Wilton, III, (1973-2001), PhD, Professor of Oceanography

* Sudnow, Estelle Cooper, (1959-1970), BA, Assistant Professor of Social Work

* Summers, F. William, (1985-2007), PhD, Dean Emeritus and Professor of Information Studies

* Summers, Dwight L., (1967-2007), PhD, Professor of Mathematics Robert O. Lawton Distinguished Professor of Chemistry

* Sutherland, Mary S., (1980-2007), Ed.D., Professor of Middle and Secondary Education

* Swain, Charles W., (1965-1998), PhD, Professor of History

* Taft, Pearl E., (1957-1997), PhD, Professor of Special Education


* Tanenbaum, Jan K., (1966-2003), PhD, Professor of History

* Tanner, William F., (1954-1994), PhD, Professor of Geoscience

* Tate, Richard, (1976-2006), PhD, Associate Professor of Educational Research

* Taylor, Carolyn C., (1966-1992), MS, Librarian, University Libraries

* Taylor, Jack A., (1970-2001), PhD, Professor of Music, and Director, Center for Music Research

* Testardi, Louis R., (1985-1996), PhD, Professor of Physics

* Thomas, Hollie B., (1974-2003), PhD, Professor of Educational Leadership

* Thomas, Jennifer L., (1974-2004), PhD, Research Associate, Learning Systems Institute

* Toole, Tony, (1979-2004), PhD, Professor of Nutrition, Food and Examinations, Human Sciences

* Torjesen, Joseph, (1976-2008), PhD, Professor of Psychology and Distinguished Research Professor

* Trezza, Alphonse F., (1982-1993), MS, Professor of Information Studies

* Troeger, Betty J., (1980-2003), PhD, Associate Professor of Art Education

* Turner, Ralph V., (1962-1998), PhD, Professor of History and Distinguished Research Professor, 1993-1994

* Turner, Robert G., (1970-2004), PhD, Professor, College of Business, Finance

* Unger, Frank A., (1972-1990), MS, Director, Technical and Support Services, Florida Resources and Environmental Analysis Center

* Ungurait, Donald F., (1968-2003), PhD, Associate Professor of Communication

* Urquhart, Dan, (1969-1995), PhD, Associate Professor of Music

* Van Doren, John W., (1969-2007), LL.B., Professor of Law

* Van Stan, Ina, (1941-1971), MA, Professor of Clothing and Textiles

* VanDercreek, William, (1968-1996), LL.M., Professor of Law

* Vanderofe, John S., (1959-1997), PhD, Professor of Political Science

* Vaughn, Joseph B., Jr., (1990-2006), PhD, Research Associate

* Vertuno, Edward M., (1971-2001), Ed.D., Associate Professor of Educational Leadership

* Vickers, Thomas J., (1966-2003), PhD, Associate Chair and Professor of Chemistry

* Vinson, J. Kenneth, (1969-2003), LL.M., Professor of Law

* Voich Dan, Jr., (1964-2003), PhD, Chair and Professor of Management

* Wagener, Walter W., (1972-2007), Ed.D., Professor of Educational Research

* Waggaman, John S., (1972-1995), Ed.D, Associate Professor of Educational Leadership

* Waldby, H. Odelo, (1951-1984), PhD, Professor of Public Administration and Political Science

* Walker, Virginia G., (1975-2004), PhD, Associate Professor, Communication Disorders, College of Communication

* Wallat, Cynthia, (1982-2003), PhD, Chair and Professor of Educational Foundations and Policy Studies

* Wang, Yung-Li, (1968-2002), PhD, Professor of Physics

* Warden, Jessie A., (1973-1986), PhD, Professor of Textiles and Consumer Sciences

* Warmath, David S., (1994-2004), MS, Research Associate, Psychology, College of Arts and Sciences

* Weale, Mary Jo, (1965-1989), PhD, Professor of Interior Design

* Weale, W. Bruce, (1950-1977), Ed.D., Professor of Marketing

* Weatherly, Georges L., (1973-2008), PhD, Professor of Oceanography

* Weaver, George E., (1967-2004), PhD, Associate Dean and Professor, Dean’s Office, College of Arts and Sciences

* Wellborn, Charles T., (1965-1992), PhD, Professor of Religion, and International Programs

* Wells, Dorothy L., (1979-1996), MS, Assistant Professor of Textiles and Consumer Sciences

* Wells, Lucy Janet, (1957-1989), Ed.D., Professor of Movement Science and Physical Education


* Werdesheim, Gary L., (1971-2002), MA, Professor of Music

* Werner, Robert M., (1990-2007), D.V.M., Academic Administrator of Laboratory Animal Resources

* Wheatley, Grayson H., (1968-1999), PhD, Professor of Curriculum and Instruction

* White, Joseph A., Jr., (1950-1990), PhD, Associate Dean and Professor of Music

* Whiteside, Patricia A., (1973-2003), PhD, Assistant Dean and Assistant Professor of Oceanography

* Wilkins, Paul L., (1970-2004), PhD, Professor of Management, College of Business

* Williams, Charlotte A., (1968-1981), PhD, Assistant Professor of Management

* Williams, Harry F., (1966-1987), PhD, Professor of Modern Languages and Linguistics

* Wilson, Martha L., (1944-1966), MA, Assistant Professor of Elementary Education

* Wilson, Audrey V., (1976-1995), PhD, Associate Scholar, Program in Humanities

* Winchester, John W., (1970-2003), PhD, Professor of Oceanography

* Wingeite, David B., (1966-2003), MS, Associate Professor of Music

* Willsburg, Morton D., (1963-1997), PhD, Professor of Geological Sciences

* Wise, Thelma, (1963-1967), MA, Instructor and Head Counselor, Dean of Women

* Witt, Mary, (1948-1965), Ed.D., Associate Professor of Elementary Education

* Wolfgang, Charles H., (1981-2008), PhD, Professor of Elementary and Early Childhood Education

* Wolan, Laurin A., (1976-2002), JD, Associate Professor of Criminology and Criminal Justice


* Wood, J. Robert, (1989-1998), PhD, Associate Professor of Electrical and Computer Engineering, Engineering

* Worthing, Charles E., (1972-2000), PhD, Professor of Communication

* Wright, Edward N., (1999-2005), PhD, Faculty Administrator and Academic Administrator, Panama City Campus

* Wright, Thomas G., (1949-2007), M.M., Professor of Music

* Wright, Thomas P., (1967-2003), Professor of Math

* Wynn, Sharon E., (1981-2007), BS, Academic Administrator, Dean’s Office, College of Arts and Sciences

* Yerg, Beverly, (1977-2001), Associate Professor of Physical Education

* Yetter, John F., (1968-2007), J.D., LL.M., Professor of Law


* Young, Emmett N., (1972-1998), J.D., Associate Professor of Risk Management/Insurance, Real Estate and Business Law

* Young, Eutiquio C., (1965-2003), PhD, Professor of Mathematics

* Young, Marilyn J., (1972-2005), PhD, Professor of Communication

* Zahn, Douglas A., (1969-2005), PhD, Professor of Statistics

* Zaret, Daniel A., (1967-1970), PhD, Lecturer, Modern Languages and Linguistics

* Zenz, Gary C., (1968-2003), PhD, Professor of Marketing

* Zongker, Calvin E., (1973-1997), Ed.D., Chair and Associate Professor of Family and Child Sciences, and Co-Director, Interdivisional PhD Program in Marriage and the Family

* Zurko, Max J., (1984-2005), PhD, University School Instructor, Developmental Research School
Professional and Administrative Personnel

Education degrees are categorized using the following abbreviations:
D = Doctoral degree
M = Master’s degree
B = Bachelor’s degree
A = Associate’s degree
O = Other educational background

Abuhl, Douglas R., O, Seminole Golf Course & Club, Facilities Specialist
Abdel, David K., D, Athletics Administration, Academic Program Specialist
Abell, Terry D., M, Soc Work Multidisciplinary Aux, Health & Human Services Spec
Abrams, Jacquell D., M, Ctr for Acad Retention & Enhnc, Student Program Coordinator
Acuff, Edward Earl, B, Human Resources, Program Director
Acuff, Phadrae L., O, Univ Business Administrators, Univ Business Admin II
Acosta, Alan Alfred, M, University Housing, Student Program Coordinator
Adamick, Steven H., M, Facilities Admin Services, Program Coordinator
Adams, Bernadette G., O, International Programs, Academic Program Specialist
Adams, Jessica Dianna, O, Dean of Undergraduate Studies, Academic Advisor
Adams, Ellyn L., O, Dean Undergraduate Studies, Academic Advisor
Akins, Anitra N., O, Parking & Transportation, Program Coordinator
Akarakapparam, Roche A., B, Sponsored Research Accounting, Data Analyst
Akridge, James G., O, Ogleby Union Administration, Facilities Specialist
Alameda, Alana Maree, B, Athletics Administration, Head Athl II Coach
Alexander, Cassandra V., B, Dean Coll of Arts & Sciences, Academic Program Specialist
Alexander, Jerry D., O, Working Capital, Facilities Specialist
Alexander, Karen E., M, Instructional Risch, Scientific Research Specialist
Alexander, Lashea E., O, Building Services, Facilities Superintendent
Alexander, Cassandra C., B, Student Financial Aid, Student Financial Specialist
Alexander, Susan E., B, Provost & VP Academic Affairs, Accounting Specialist
Alfke, Kellie M., B, Controller, Accounting Specialist
Alford, Marvin H., Jr., B, Information Services, Application Developer/Designer
Allen, Barbara L., B, Provost & VP Academic Affairs, Program Coordinator
Allen, James W., M, Dean Undergraduate Studies, Academic Program Specialist
Allen, Jimmie D., Jr., O, Athletics Administration, Athletic Coach III
Allen, Kimberly S., B, Human Resources, HR Specialist
Allen, Margaret R., M, Dean Undergraduate Studies, Program Coordinator
Allen, Walter F., O, Industrial & Manufacturing Eng, Media Specialist
Aimand, Mary Alice, M, Psychology, Mental Health Specialist
Alvarez, Rafael G., M, VP Finance & Administration, Associate Vice President
Alves da Rocha, Sergio M., M, ODDL Distr & Dist Learning, Academic Program Specialist
Amato, Charles M., M, Athletics Administration, Athletic Coach III
Amato, Kyle D., O, Athletics Administration, Academic Program Specialist
Amos-Tata, Kimberly Leigh, M, Nursing Department, Academic Program Specialist
Amponsah, Gabriel P., B, Athletics Administration, Athletic Trainer
Amwake, David F., B, Human Resources, HR Specialist
Anderson, Kenneth W., A, University Computing Services, Network Administrator
Anderson, Sandi M., M, Human Resources, HR Specialist
Andres, Sue E., O, Human Resources, HR Specialist
Andrews, Michael D., M, Athletics Administration, Athletic Coach III
Amator, Mike Ish, O, Controller, Accounting Specialist
Appolloni, Alex M., B, Human Resources, Systems Administrator
Arrendes, Michael J., B, Office of Telecommunications, Network Administrator
Armstrong, Margaret M., D, Admissions, Media Specialist
Armstrong, Patricia M., M, Autism Institute, Health & Human Services Spec
Arnold, Donna S., B, Human Resources, HR Specialist
Arnold, Ian Lennon Fitzgerald, M, Ogleby Union Administration, Media Specialist
Arsenault, Brian A., M, Ctr Info Mang & Educat Serv, Computer Research Specialist
Ashmore, Michael L., M, Thadst Student Health Center, Media Specialist
Ashton, Melissa joy, O, Dean of Students, Student Program Coordinator
Atkinson, Deborah S., M, Information Services, Application Developer/Designer
Atwell, Angela L., B, R-MCS-Campus-Daytona Beach, Academic Program Specialist
Atwell, Scott F., B, Alumni Affairs, Dir Adv/Alum Aff (Excl Adv)
Auguste, Billy, O, Medicine Student Affairs, Student Financial Specialist
Austin, Caroline D., B, WFSU FM, Associate Director
Austin, Oliver L., III, B, Information Services, Technology Specialist
Autry, Shanna L., M, College of Social Work, Program Coordinator
Avant, Robert E., O, Mechanical Engineering, Research Engineer
Avery, Lyn M., B, Human Resources, HR Specialist
Avery, Beatrix Bjoulage, M, Dean of Students, Assistant Dean
Bacani, Arnel T., B, Sponsored Research Accounting, Program Coordinator
Badger, Jeffrey , O, University Computing Services, Program Coordinator
Baker, Charles E., M, Athletics Administration, Athletic Coordinator
Baker, H Carlyle , B, University Computing Services, Program Coordinator
Baker, Katherine L., B, Athletics Administration, News & Public Affairs Spec
Baker, Khroye Allan, M, University Housing, Student Program Coordinator
Baker, Krishna R., B, Campus Rec Fitness Center, Student Program Coordinator
Baker, Suzanne M., G, Geriatric Medicine, Administrative Specialist
Baker, Cheryl A., O, President's Office, Special Assistant
Baksh, Nadia S., B, Dean Undergraduate Studies, Academic Advisor
Ball, Kimberly S., O, Facilities Planning, Construction Specialist
Ball, Michael R., B, Controller, Business Analyst
Bannock, Nikhil R., M, Medicine Info Technology, Database Administrator
Bara, John C., Jr., M, Admissions, Assistant Vice President
Barber, Michael G., M, Ofc of Technology Integration, Assistant Director
Barrow, Larriell J., O, Ctr for Advanced Power Systems, Administrative Specialist
Barry, Courtnay Lynne, M, Student Affairs, Administrative Specialist
Barton, Brian M., B, Sponsored Research Services, Assistant Director
Barton, Keleah, O, University Resource Planning, Grants Compliance Analyst
Battcher, Brian Francis, B, CPO E&G Administration, Technical Specialist
Batt, A Holly, M, VP for University Relations, Event Coordinator
Battle, Brian J., M, Athletics Administration, Associate Director
Bauer, Charles M., M, User Services, IT Support Specialist
Baxter, Dan E., O, Physics, Research Engineer
Beals, Lillie W., B, Information Services, Application Developer/Designer
Beam, Christopher E., B, Information Services, Assistant Director
Beanie, Janice M., B, Medicine Instruction, Assistant Director
Beard, Sandra L., O, Univ Business Administrators, Univ Business Admin II
Beasley, Sherry C., B, Medicine Instructional Risch, Grants Compliance Analyst
Beaumont, Gregory J., D, Dean Undergraduate Studies, Program Director
Beck, Roger A., B, Center for Materials Research, Administrative Specialist
Beesting, Katherine R., B, Human Resources, HR Specialist
Belcher, W., M, Medicine Tallahassee, Medical Laboratory Spec
Belcher, W., M, Athletics Administration, Athletic Coach I
Bennion, John F., Jr., M, Controller, Assistant Director
Bennion, Jenny L., B, Controller, Program Director
Benson, Alan B., B, Information Services, Application Developer/Designer
Benson, Megan E., M, Admissions, Associate Director
Berge, Jason W., B, Univ Business Administrators, Administrative Specialist
Birlinger, Jane Sheehan, B, Medicine Tallahassee, Administrative Specialist
Birney, Susan E., M, Enterprise Resource Planning, ERP Analyst III
Birmingham, Mark C., M, Facilities Admin Services, Director
Birchard, Tamara C., M, Student Affairs, Data Analyst
Boskey, Richard J., M, Biological Science, Administrative Specialist
Best, David L., B, Enterprise Resource Planning, ERP Analyst III
Best, Marsha N., B, Dean College of Education, Grants Compliance Analyst
Bester, Tracy, B, College of Social Work, Academic Program Specialist
Betancourt, Javier , B, Ctr for Leadership & Civic Educ, Academic Advisor
Bettendorf, Elizabeth Blair, M, VP Research, Media Specialist
Beverly, Lisa Michelle, B, College of Business - Dean, Academic Program Specialist
Bickert, Jonathan, B, Natl High Magnetic Field Lab, Administrative Specialist
Bickford, Julie Anne, B, Controller, Accounting Specialist
Bigbee, Michael B., M, Psychology, Computer Research Specialist
Billings, Jonathan Charles Michael, B, Natl High Magnetic Field Lab, Scientific Research Specialist
Birtahbadar, Mandavi, O, Strozio Library, Library Specialist
Birk, Robert P., M, Dean Undergraduate Studies, Academic Advisor
Birkovits, Alexander I., O, ODDL Distr & Dist Learning, Network Administrator
Bischoff, Robert K., B, Master Craftsmen Program, Specialist in the Arts
Blackley, Carolyn R., B, Student Financial Aid, Assistant Director
Blanchet, Herschell , O, Dean College of Engineering, Budget Analyst
Blankenship, Anne H., B, Provost & VP Academic Affairs, Assistant Vice President
Blinar, John , M, Campus Recreation Center, Associate Director
Block, Thomas W., M, Alumni Affairs, News & Public Affairs Spec
Blume, Jaime M., O, Sponsored Research Accounting, Grants Compliance Analyst
Boche, Jeronimo Alberto, M, Athletics Administration, Athletic Trainer
Bochmann, Nicole, B, Univ Business Administrators, Accounting Specialist
Bogdanov, Marion M., M, University Computing Services, Assistant Director
Bogdanov, Nikolay M., O, University Computing Services, Application Developer/Designer
Bogdanov, Marion M., M, University Computing Services, Assistant Director
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jackson, William H.</td>
<td>Engineer</td>
<td>B, Central Utilities Plant 2, Professional Engineer</td>
</tr>
<tr>
<td>Nelson, Justin Michael</td>
<td>Network Administrator</td>
<td>B, Northwest Regional Data Center, Network Administrator</td>
</tr>
<tr>
<td>Neron, Emily L.</td>
<td>Grants Compliance Analyst</td>
<td>B, Sponsored Research Accounting, Grants Compliance Analyst</td>
</tr>
<tr>
<td>Nescio, Alexandre M.</td>
<td>Coordinator</td>
<td>M, International Center, Student Program Coordinator</td>
</tr>
<tr>
<td>Nesmith, Cathleen C.</td>
<td>Research Director</td>
<td>M, FL Natural Areas Inventory, Assistant Research Director</td>
</tr>
<tr>
<td>Netter, John W.</td>
<td>Interdisciplinary Humanities, Administrative Specialist</td>
<td></td>
</tr>
<tr>
<td>Newell, Holly Callins</td>
<td>Director</td>
<td>B, FSU Research Foundation, Director</td>
</tr>
<tr>
<td>Newberry, Denise Rainee</td>
<td>B, Medicine Instructional Rsh, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Nguyen, Nhan T.</td>
<td>Beaches and Shores Resource Ct, Water Resource Analyst</td>
<td></td>
</tr>
<tr>
<td>Nissen, Sarah Marie</td>
<td>Psychology, Mental Health Specialist</td>
<td></td>
</tr>
<tr>
<td>Nix, Daniel L.</td>
<td>Administrative Services, Assistant Director</td>
<td></td>
</tr>
<tr>
<td>Noble, Dennis A.</td>
<td>Athletics Administration, Athletic Coach 1</td>
<td></td>
</tr>
<tr>
<td>Nohle, Alicia A.</td>
<td>Soc Work Multidisciplinary Aux, Health &amp; Human Services Spec</td>
<td></td>
</tr>
<tr>
<td>Nola, Michael B.</td>
<td>Information Services, Application Developer/Designer</td>
<td></td>
</tr>
<tr>
<td>Noll, Brianna L.</td>
<td>Dean Undergraduate Studies, Academic Services Spec</td>
<td></td>
</tr>
<tr>
<td>Norrisworthy, William I, Jr.</td>
<td>A, Residence Halls, Facilities Superintendent</td>
<td></td>
</tr>
<tr>
<td>Norwood, Dianna C.</td>
<td>VP Finance &amp; Administration, Research Associate</td>
<td></td>
</tr>
<tr>
<td>Notte, Charly E.</td>
<td>Autism Institute, Health &amp; Human Services Spec</td>
<td></td>
</tr>
<tr>
<td>Nunez, Cooper K.</td>
<td>Dean Undergraduate Studies, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Nuzzo, Salvatore James, Jr.</td>
<td>B, Alumni Affairs, Assistant Director</td>
<td></td>
</tr>
<tr>
<td>Oakley, Catherine A.</td>
<td>Coll of Criminology &amp; Crim Jst, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Oakley, Richard G.</td>
<td>COM Residency Prog Administrator, Assistant Director</td>
<td></td>
</tr>
<tr>
<td>Ochalek, Sharon L.</td>
<td>Sponsored Research Services, Grants Compliance Analyst</td>
<td></td>
</tr>
<tr>
<td>O'Donnell, Michael John</td>
<td>B, Developmental Research School, Research Assistant</td>
<td></td>
</tr>
<tr>
<td>Oetting, Jonathan B.</td>
<td>M, FL Natural Areas Inventory, Research Scientist</td>
<td></td>
</tr>
<tr>
<td>Ogletree, Charles J.</td>
<td>O, Computer Store, Campus Services Specialist</td>
<td></td>
</tr>
<tr>
<td>Okasako, Mark Y.</td>
<td>B, WFSU TV, Radio/TV Production Specialist</td>
<td></td>
</tr>
<tr>
<td>Ollila, Alan B.</td>
<td>Sponsored Research Production Spec</td>
<td></td>
</tr>
<tr>
<td>Olsen, Peter John</td>
<td>O, FL Ctr for Interactive Media, Technical Director</td>
<td></td>
</tr>
<tr>
<td>O'Quinn, Russell A.</td>
<td>B, Seminole Golf Course &amp; Club, Facilities Specialist</td>
<td></td>
</tr>
<tr>
<td>Oravetz, Randall E.</td>
<td>Athletics Administration, Assistant Director</td>
<td></td>
</tr>
<tr>
<td>Orchowski, Catherine A.</td>
<td>M, Ringling Center for the Arts, Development Coordinator</td>
<td></td>
</tr>
<tr>
<td>O'Reilly, James W.</td>
<td>B, Natl High Magnetic Field Lab, Research Engineer</td>
<td></td>
</tr>
<tr>
<td>Orrick, Diana M.</td>
<td>M, University Computing Services, Systems Administrator</td>
<td></td>
</tr>
<tr>
<td>Orth, Charles Thomas</td>
<td>A, Medicine Sarasota, IT Support Specialist</td>
<td></td>
</tr>
<tr>
<td>Osborne, Leigh Ann</td>
<td>M, International Center, Student Program Coordinator</td>
<td></td>
</tr>
<tr>
<td>Osten, Ken K.</td>
<td>D, Ctr for Leadership &amp; Civic Edu, Program Director</td>
<td></td>
</tr>
<tr>
<td>Otte, Scott A.</td>
<td>Thagard Student Health Center, Associate Director</td>
<td></td>
</tr>
<tr>
<td>Orvachenko, Stanislav</td>
<td>O, Learning Systems Institute, Computer Research Specialist</td>
<td></td>
</tr>
<tr>
<td>Owen, Audra</td>
<td>M, College of Business - Dean, Administrative Assistant</td>
<td></td>
</tr>
<tr>
<td>Overstreet, Janice L.</td>
<td>M, Autism Institute, Health &amp; Human Services Spec</td>
<td></td>
</tr>
<tr>
<td>Pace, Donald G.</td>
<td>O, Office of Telecommunications, Associate Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Pack, Byron T.</td>
<td>D, University Counseling Center, Psychologist</td>
<td></td>
</tr>
<tr>
<td>Page, Edward L. Jr.</td>
<td>M, Coll Vis Arts, Theatre &amp; Dance, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Page, Gillman William</td>
<td>B, Controller, Accounting Specialist</td>
<td></td>
</tr>
<tr>
<td>Page, Judi Gayle</td>
<td>A, Controller, Accounting Specialist</td>
<td></td>
</tr>
<tr>
<td>Paige, Louis H.</td>
<td>B, Enterprise Resource Planning, ERP Specialist 3</td>
<td></td>
</tr>
<tr>
<td>Paloma, Gail A.</td>
<td>O, University Counseling Center, Mental Health Specialist</td>
<td></td>
</tr>
<tr>
<td>Pappas, Nicholas A.</td>
<td>B, Athletics Administration, Athletic Trainer</td>
<td></td>
</tr>
<tr>
<td>Paquette, Celeste M.</td>
<td>D, Thagard Student Health Center, Associate Director</td>
<td></td>
</tr>
<tr>
<td>Pardo, Christina Rosa</td>
<td>B, Ctr for Leadership &amp; Civic Edu, Training Specialist</td>
<td></td>
</tr>
<tr>
<td>Park, Jin Gyu</td>
<td>O, Industrial &amp; Manufacturing Eng, Scientific Research Specialist</td>
<td></td>
</tr>
<tr>
<td>Parker, David Harold</td>
<td>O, Information Services, Application Developer/Designer</td>
<td></td>
</tr>
<tr>
<td>Parker, Leann Rachell</td>
<td>B, Medicine Orlando, Administrative Specialist</td>
<td></td>
</tr>
<tr>
<td>Parks, Mary Ann</td>
<td>B, Foundation Accounting, Accounting Assistant</td>
<td></td>
</tr>
<tr>
<td>Parrnell, Chad B.</td>
<td>B, Information Services, Database Administrator</td>
<td></td>
</tr>
<tr>
<td>Panaramos, Gabriel V.</td>
<td>O, Office of Telecommunications, Network Specialist</td>
<td></td>
</tr>
<tr>
<td>Parrott, Dominica M.</td>
<td>M, University Counseling Center, Mental Health Specialist</td>
<td></td>
</tr>
<tr>
<td>Parmelee, Charles D.</td>
<td>B, ODDL Distrib &amp; Dist Learning, Application Developer/Designer</td>
<td></td>
</tr>
<tr>
<td>Parsons, Leslie O.</td>
<td>Thagard Student Health Center, Psychiatrist</td>
<td></td>
</tr>
<tr>
<td>Partain, Margaret A.</td>
<td>A, Controller, Accounting Specialist</td>
<td></td>
</tr>
<tr>
<td>Patriarca, Karen S.</td>
<td>M, Ringling Center for the Arts, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Paul Lee T.</td>
<td>B, Admissions, Program Coordinator</td>
<td></td>
</tr>
<tr>
<td>Payne, David Douglas</td>
<td>B, Seminole Golf Course &amp; Club, Assistant Director</td>
<td></td>
</tr>
<tr>
<td>Payne, Jimmy F.</td>
<td>O, Natl High Magnetic Field Lab, Scientific Research Specialist</td>
<td></td>
</tr>
<tr>
<td>Peace, Victoria N.</td>
<td>B, Autism Institute, Health &amp; Human Services Spec</td>
<td></td>
</tr>
<tr>
<td>Peck, Ryan L.</td>
<td>B, Athletics Administration, IT Support Specialist</td>
<td></td>
</tr>
<tr>
<td>Pequignot, Jacqueline M.</td>
<td>M, Dean of Students, Assistant Dean</td>
<td></td>
</tr>
<tr>
<td>Perry, Brenda L.</td>
<td>B, Nursing Department, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Peresch, Joseph G.</td>
<td>M, Northwest Regional Data Center, Technology Specialist</td>
<td></td>
</tr>
<tr>
<td>Perry, David L.</td>
<td>M, Public Safety, Director</td>
<td></td>
</tr>
<tr>
<td>Persak, LaQuisha Simmons</td>
<td>B, Admissions, Enrollment Management Specialist</td>
<td></td>
</tr>
<tr>
<td>Peters, David D.</td>
<td>M, Camp Rec Intramurals, Assistant Director</td>
<td></td>
</tr>
<tr>
<td>Peterson, Barbara K.</td>
<td>B, Building Services, Assistant Director</td>
<td></td>
</tr>
<tr>
<td>Peterson, Kathryn A.</td>
<td>M, Athletics Administration, Athletic Coordinator</td>
<td></td>
</tr>
<tr>
<td>Peterson, Michael A.</td>
<td>B, Thagard Student Health Center, Associate Director</td>
<td></td>
</tr>
<tr>
<td>Peyton, Jennifer Dawn Jarred</td>
<td>M, Dean, College of Music, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Philip, Thomas T.</td>
<td>M, Athletics Administration, Athletic Trainer</td>
<td></td>
</tr>
<tr>
<td>Phillips, Sherilyn H.</td>
<td>O, Col of Social Sci &amp; Public Pol, Administration Specialist</td>
<td></td>
</tr>
<tr>
<td>Pickard, Kenneth W.</td>
<td>O, Natl High Magnetic Field Lab, Research Engineer</td>
<td></td>
</tr>
<tr>
<td>Pickering, Sara A.</td>
<td>B, Athletics Administration, Athletic Coordinator</td>
<td></td>
</tr>
<tr>
<td>Picou, Dian A.</td>
<td>Thagard Student Health Center, Psychiatrist</td>
<td></td>
</tr>
<tr>
<td>Pierre Louis, Claudin</td>
<td>M, Medicine Orlando, IT Support Specialist</td>
<td></td>
</tr>
<tr>
<td>Pigott, Wendy E.</td>
<td>B, Modern Languages &amp; Linguistics, Academic Program Specialist</td>
<td></td>
</tr>
<tr>
<td>Pillar, Russell J.</td>
<td>B, Ringling Center for the Arts, Associate Director</td>
<td></td>
</tr>
<tr>
<td>Pinkerton, Lorilene E.</td>
<td>B, Facilities Planning, Associate Director</td>
<td></td>
</tr>
<tr>
<td>Pitts, Mary J.</td>
<td>B, Controller, Accounting Specialist</td>
<td></td>
</tr>
<tr>
<td>Pitts, James E.</td>
<td>D, International Programs, Director</td>
<td></td>
</tr>
<tr>
<td>Plueck, David B.</td>
<td>B, Ringling Center for the Arts, Museum Specialist</td>
<td></td>
</tr>
<tr>
<td>Platt, Darla S.</td>
<td>M, Psychology, Mental Health Specialist</td>
<td></td>
</tr>
<tr>
<td>Platt, Mary G.</td>
<td>M, Controller, Technology Specialist</td>
<td></td>
</tr>
</tbody>
</table>
Woodsum, Glenn C., M, FL Natural Areas Inventory, Computer Research Specialist
Woodworth, Mary J., B, Foundation Accounting, Accounting Specialist
Word, Natalie W., B, Student Financial Aid, Student Financial Specialist
Worrall, Jeffrey C., B, Enterprise Resource Planning, ERP Analyst II
Worrall, Nancy, B, Univ Business Administrators, Univ Business Admin II
Wort, William Elliot, B, Ringling Center for the Arts, Campus Services Specialist
Wright, Bonnie D., B, Sponsored Research Accounting, Grants Compliance Analyst
Wright, Taniesha Nicole, B, Dean Undergraduate Studies, Academic Advisor
Wu, Li-Hsiang, B, Enterprise Resource Planning, ERP Analyst I
Wu, Qiong, M, Natl High Magnetic Field Lab, Accounting Specialist
Wuest, Michael R., M, Oglesby Union Administration, Student Program Coordinator
Wussler, Daniel T., B, Controller, Assistant Director
Wynn, Richard D., B, FSUCard Center, Assistant Director
Wynn, Shannon, B, WFSU TV Auxiliary, Media Specialist
Xin, Jianbo, M, Enterprise Resource Planning, ERP Analyst I
Yaege, Glen B., M, Thagard Student Health Center, Industrial Safety & Health Eng
Yancey, David Price, D, Information Services, Technology Specialist
Yeager, Melanie Glynn, M, College of Business - Dean, Media Specialist
Yeargan, Jamie D., B, Sociology, Academic Program Specialist
Yeargan, Jonathan R., B, Physics, Program Coordinator
Yilmaz, Gokhan, M, Athletics Administration, Athletic Coach I
Yoder, Nancy L., O, Sponsored Research Accounting, Grants Compliance Analyst
Young, Jean D., M, Museum of Fine Arts, Museum Specialist
Yu, Cathy H., B, ODDL Distib & Dist Learning, IT Support Specialist
Yurgel, Zachary L., B, Information Services, Application Developer/Designer
Zaremba, Maureen T., B, Ringling Center for the Arts, Assistant Director
Zebrowski, Wendy J., B, Medicine Instructional Rsch, Grants Compliance Analyst
Zeisler, Richard E., A, Office of Telecommunications, Network Administrator
Zhang, Ji, M, Northwest Regional Data Center, Business Analyst
Zierden, Benjamin W., O, Athletics Administration, Athletic Coordinator
Zimmerman, Andy J., O, Medicine Info Technology, IT Support Specialist
Zimmerman, Travis M., A, University Computing Services, Systems Administrator
### A

| AA Certificate | 70 |
| Academic Advising and Support Services | 59 |
| Academic and Professional Program Services (APPS) | 22 |
| academic degree and certificate programs | 31 |
| academic honor pledge | 73 |
| Academic Interest Mapping (AIMS) | 60 |
| academic qualifications for university admission | 35 |
| Academic Retention and Enhancement, Center for | 61, 88 |
| Academic Services and Intern Support, Office of (OASIS) (education) | 110 |
| Academic Advising and Support Services | 35 |
| ACT | 35, 55, 82 |
| Activities Center, Student (SAC) | 89 |
| Actuarial Science, Program in | 153 |
| address, submitting a change of | 55 |
| administration, university | 464 |
| admission, application for | 38 |
| deadlines for international students | 38 |
| deadlines for secondary (high school) applicants | 35 |
| deadlines for transfer students | 36 |
| departmental | 35 |
| fee | 35 |
| international students | 37 |
| special (non-degree seeking) students | 40 |
| transfer students | 36 |
| when to submit | 35 |
| where to obtain | 35 |
| admission, university | 35 |
| after multiple withdrawals | 40 |
| appealing a decision | 35 |
| assistance with, (CARE) | 36 |
| deferring | 35 |
| early | 36 |
| from secondary school (high school) | 35 |
| graduate study | 39 |
| international student | 37, 38, 39 |
| notice of acceptance for international students | 38 |
| Panama City campus | 39 |
| policies, general | 35, 36 |
| readmission | 39 |
| scholarships | 36, 37 |
| special student | 40 |
| transient students | 40 |
| admission requirements | 35 |
| ACT scores | 35 |
| auditions | 35 |
| CLAST | 36 |
| departmental application | 35 |
| dual enrollment with Tallahassee Community College | 40 |
| English proficiency test for international students (TOEFL) | 37 |
| finances for international students | 38 |
| for applicants with 60 or more semester hours credit | 36 |
| for applicants with an AA degree | 38 |
| for applicants with less than 60 semester hours credit | 36 |
| for international applicants with 60 or more semester hours credit | 38 |
| for international applicants with less than 60 semester hours credit | 38 |
| freshman admission criteria | 38 |
| freshman deposit | 36 |
| health history | 35, 39 |
| health insurance | 35, 39 |
| high school course units | 35 |
| immunizations | 39 |
| intensive English Program | 39 |
| interinstitutional transient students, undergraduate | 40 |
| international students | 37 |
| limited access programs | 37 |
| passports and visas for international students | 39 |
| qualifications, academic | 35 |
| SAT scores | 35 |
| secondary (high school) record | 35 |
| TCC/FSU Cooperative Program | 40, 57 |
| teacher education programs | 36 |
| test scores | 35 |
| transcripts | 35 |
| transfer credit evaluation for international students | 37 |
| transfer students | 36 |
| verification of foreign language | 36 |
| Advanced International Certificate of Education (AICE) | 81, 83 |
| Advanced Placement (AP) | 68, 81 |
| advising, academic | 59 |
| advising, university policy on | 59 |
| Advising First Office | 60 |
| advising services | 60 |
| Advising First | 60 |
| assignment of advisers | 60 |
| Bryan Hall Learning Community | 61 |
| Center for Academic Retention and Enhancement (CARE) | 36, 61 |
| Center for Intensive English Studies | 29 |
| Curricular Career Information Services (CCIS) | 61 |
| department | 60 |
| exploratory majors | 60 |
| faculty’s role in | 59 |
| general information | 59 |
| major advisement, eligibility for transfer to | 62 |
| majors | 60 |
| mapping | 60 |
| Mathematics Help Center | 61 |
| minimum progress | 60 |
| National Fellowships, Office of | 61 |
| organization of | 60 |
| orientation | 60 |
| pre-collegiate programs | 61 |
| Pre-Health Professions Advising Office | 61 |
| preprofessional majors | 61 |
| purpose | 59 |
| Reading/Writing Center | 61 |
| Research and Creative Endeavors, Office of Undergraduate | 61 |
| Retention and Enhancement, Center for Academic | 61 |
| student’s role in | 59 |
| Student Academic Support System (SASS) | 60 |
| support for athletes | 61 |
| transfer from undergraduate studies to major advisement program | 62 |
| undeclared majors (exploratory majors) | 60 |
| Undergraduate Studies, Office of | 61 |
| Aerospace Studies, Department of | 155 |
| affiliations, university | 25 |
| African-American Studies, Program in | 157 |
| agency billing | 44 |
| Aging Studies, Certificate Program in | 139, 161, 269 |
| AICE | 81, 83 |
| alcohol policy | 15 |
| Alumni Village | 51 |
| Alumni Village Child Development Center | 91 |
| American and Florida studies, program in | 163 |
| American Sign Language (ASL) | 71, 221 |
| Annual Housing Agreement | 52 |
| Anthropology, Department of | 165 |
| AP | 68, 81 |
| apartments | 51, 52 |
| apparel design and technology | 448 |
| appealing an admissions decision | 35 |
| appeals system, grade | 78 |
| application for admission | 36 |
| deadlines | 8, 35, 36 |
for transfer students 36
when to submit 35
Arabic (modern languages and linguistics) 341
Arabic Studies, minor in 340
area competencies (liberal arts requirements) 64
Art, Department of 169
Art Education, Department of 173
Art History, Department of 175
Arts and Community Practice, Certificate in 139
Arts and Sciences, College of 99
Asian Studies, Program in 36
Assessment Services 91
Assessment and Testing, Center for (CAT) 23
Associate in Arts, Certificate in 9
Associate in Business, College of 36
Bryan Hall Learning Community (first year students) 9
British Studies London Center minor, interdepartmental 191
Board of Governors, Florida 91
Board of Education, State 91
Blue Light Trail 9
Biological Science, Department of 183
Biomedical Engineering 193
Blackboard 23
Board of Education, State 91
Board of Governors, Florida 464
Board of Trustees 464
British Studies London Center minor, interdepartmental 191
Bryan Hall Learning Community (first year students) 51, 61
Business, College of 101
Business, College of 91
Bus service 91
Baccalaureate degree
requirements for obtaining 63, 71
second and academic regulations 99
Beyond Borders 29
Bicycle parking 91
Biological Science, Department of 183
Biomedical Engineering 193
Blackboard 23
Blue Light Trail 91
Board of Education, State 464
Board of Governors, Florida 464
Board of Trustees 464
British Studies London Center minor, interdepartmental 191
Bryan Hall Learning Community (first year students) 51, 61
Business, College of 101
Bus service 91
Calendars
academic 9
university 8
cancellation of student schedule
by student called to active military duty 56
by the Registrar 56
by the student 47
for non-payment of tuition, and fees 45, 56
Career Center 87
Carl DeSantis Center for Executive Management Education 101
Carnegie Foundation Classification 25
Cawthon Hall Learning Communities 51
CELP 55
Center for Academic Retention and Enhancement (CARE) 36, 61, 88
College Reach Out Program 61, 88
Student Support Services Program (SSSP) 61, 88
Summer Bridge Program 61, 88
University Experience Program 61, 88
Upward Bound Program 61, 88
Centers and Research Institutes, listed 21
certificates
Advocacy for Children and Families 33
African-American Studies 33
Aging Studies 33, 34, 139
American and Florida Studies 31
Apparel Design 33
Archival Studies 31
Arts Administration 33
Arts and Community Practice 34, 139, 173
Associate in Arts 31
Child Welfare Practice 34, 138
Coaching Specialization 32
Cognitive Science 31
College Teaching 32, 33
Corrections 32
Critical Theory 31
Demography 33
Developmental Disabilities 31, 32
Digital Video Production 32
Disaster Recovery 34
Dispute Resolution 33
Early Childhood/Special Education 32
Early Music 33
Editing and Publishing 31
Educational Policy 32
Elementary School Science 31
Emergency Management 33
Environmental, Natural Resources, and Land Use Law 33
Family Social Work Practice 34
Food Safety, Quality, and Promotion 33
Hispanic Marketing Communication 32
Human Performance Technology 32
Human Resource Management 33
Information Systems Security Professionals 31
Institutional Research 32
Interdisciplinary Humanities 31
International Law 33
Jazz Studies 33
Latin American and Caribbean Studies 31
Law Enforcement 32
Leadership in Executive and Administrative Development in Social Work 34
Leadership Studies 32
Library Leadership and Management 32
Marine Biology and Living Resource Ecology 31
Museum Studies 31, 32, 33, 34, 447
Music Education and Leadership 33
Music of the Americas 33
Music Therapy Equivalency 33
Nursing 33
Oceanography 31
Online Instructional Development 32
Pedagogy of Music Theory 33
Performance (Music) 33
Performance Management 31
Piano Pedagogy 33
Political Economy 33
Program Evaluation 32
Project Management 32
Public Administration 33
Public Financial Management 33
Real Estate Development 33
Reference Services 32
Retail Merchandising 33
Sacred Music 33
School Library Media Leadership 32
Security Administration 32
Special Music Education 33
Theatre Administration and Management 34
Underwater Crime Scene Investigation 32
Urban and Regional Planning 33
Urban Design 34
Water and Environmental Resources Engineering 32
Web Design 32
World Music 33
Youth Services 32
Chemical and Biomedical Engineering, Department of 193
Chemistry and Biochemistry, Department of 199
civic education 88
Civil and Environmental Engineering, department of 205
Classics, Department of 211
classification of students 77
Enhanced American College Testing Program (ACT) 35, 55, 82
Enrollment certification 57
Entrepreneurship and Small Business Management, major in 255
Equal Employment Opportunity and Non-Discrimination Statement 12
equivalent courses
authority for acceptance of 143
exceptions 143
general rules 143
estimate of cost, annual 43
examinations 77
credit by 81
departmental 82
exceptions to the policy for a class 77
exceptions to the policy for individuals 77
exceptional student education 434
exercise science 369
experimental undergraduate programs 81
exploratory majors (undeclared) 60
extramural sport clubs 87

F
FACTS (Florida Academic Counseling and Tracking for Students) 80
faculty
   distinguished 486
   listed 467
recruitment philosophy 25
FAFSA 47
Family and Child Sciences, Department of 257
Family Educational Rights and Privacy Act (FERPA) 75
Family Violence Studies, Institute for 138
FAMU/FSU Cooperative Program 57
Federal Perkins Loan (NDSL) 47
Federal Stafford/Unsubsidized Stafford Loan (GSL/UGSL) 47
Federal Work Study Program (FWSP) 49
fees
   admission deposit 42
   agency billing 44
   appeals committee 46
   application 42, 46
   assessment 41, 42
   cancellation of schedule for non-payment 45
   collection of 45
   cost, annual estimate of 43
   course fee charges per credit hour 42
deferrals 46
delinquent 45
department billing 44
dropbox payment of 44
duplication/photocopying 43
FSUCard 43
general information 41
housing 43, 51
installment contract 43
laboratory 43
late payment 43
late registration 42
liability 45
library 43
loss and damage 43
mail-in payment 44
new student orientation 42
Panama City campus 41, 47
payment 43
refund regulations 46
registration stop for outstanding charges 45
repeat course surcharge 45
residency requirements, in-state 41
return check charge/stop payment charge 43
standard test 43
student cancellation of schedule (fee impact) 47
thesis and dissertation 43
transcript 43
transportation access 43
tuition and instructional 42
waivers 45
FERPA 75

Festival of New Music 126
field (internships) placement fitness 80
Finance, Department of 259
finances, as a condition of admission for international students 38
financial aid 47
   application process 47
   assistantships 48
   check cancellation 48
Community Service Learning Program (CSLP) 49
deadlines 47
deferrals 46, 48
delayed delivery loans 48
distribution 46
eligibility 47
emergency loans 48
Federal Work Study Program (FWSP) 49
general information 47
   graduate students 47
   loan cancellation and refusals 48
   loan entrance counseling sessions 47
   loan exit interviews 48
   Panama City campus 47
   scholarships 48
   students and fees 47
   undergraduate students 47
   withdrawal and return of 46
first day attendance, required 12, 76
Flambeau, Florida 251
Florence, FSU Study Center in 175
Florida-Costa Rica Institute (FLORICA) 30
Florida-France Institute 30
Florida Academic Counseling and Tracking for Students (FACTS) 80
Florida Agricultural and Mechanical University (FAMU) 113
Florida Campus Compact 88
Florida Center for Public Management (FCPM) 23
Florida College Level Academic Skills Test (CLAST) 36, 63, 68
Florida Learn and Serve 88
Florida Military and Collegiate Institute 19
Florida Prepaid College Program 44
Florida Public Affairs Center 135
Florida residents over 60 years of age 45
Florida State University, history 19
Florida State University Psychology Clinic 90
Flying High Circus 89
food and nutrition 369
foreign language
   for the baccalaureate degree 99
   verification of as a condition of admission for international students 37
   verification of as a condition of admission for transfer students 36
Foreign Language Learning Center 339
forensic science 200
forgiveness policy 79
Free Application for Federal Student Aid (FAFSA) 47
French (modern languages and linguistics) 342
freshmen
   admission criteria 38
   admission deposit 36
   scholarships 36
FSU-Panama City 20
FSU-Republic of Panama Campus 22
FSUCard 43
   replacement 43
term fee 43
FSU Child Development Programs (FSUCDP) 91
FSU Online 23
FSU View 251

G
Geography, Department of 261
Geological Sciences, Department of 265
German (modern languages and linguistics) 343
Gordon Rule (Section 1007.25 Florida Statutes) 63, 68, 70
grade point average 78, 79
graduation system 78
   academic retention 79
appeals 78
Iberian Studies Valencia Center Minor, Interdepartmental 285

immigration documents 53
immunizations 39, 90
Industrial Engineering, Department of 287
Infant and Toddler Child Development Center 91
information, release of student 76
information technology, Department of 289
Institutes and Research Centers 21
instructional units, other 22
insurance, health 35, 43, 90, 123, 132
Integrity in Research and Creative Activity 15
interdisciplinary programs 34
interinstitutional transient students, undergraduate 40
Interior Design, Department of 293
International Affairs, Program in 297
International Baccalaureate (IB) 81
International Center
orientation through 53
programs offered 89
International Education 29
Beyond Borders 29
Center for Intensive English Studies (CIES) 29
Florida-Costa Rica Institute 30
Florida France Institute 30
International Programs 29
Law Program at Oxford 30
overview 29
International Interior Design Association (IIAD) 293
International Medical Outreach (IMO) 122
international students
admission requirements 38
certification of finances 38
English proficiency 37, 70
financial requirements 38
handbook 53
legal non-immigrant status 53
orientation 53
required documents 38
international study centers 29
internships 80
Intramural Office 87
iSpace Usability Center 106
Italian (modern languages and linguistics) 343
Italian Studies Florence Center Minor, Interdepartmental 301

Japanese (modern languages and linguistics) 344

K
Korean (modern languages and linguistics) 345
Kudzu Review 251

L
laboratory fees 43
Late Payments Fee Appeals Committee 46
Latin (classics) 211
Latin American and Caribbean Studies, Program in 31, 303
Law, College of 119, 305
Law and Society, Program in 307
Law Program at Oxford 30
Leadership and Civic Education, Center for 88
leadership and community opportunities 88
Learning Systems Institute 24
liberal studies program 64
liberal studies requirements 64
computer skills competency 68
course work 64
credit by examination 64
English composition (Area II) 64
history/social sciences (Area III) 64
how to apply transfer credit to 66
humanities/fine arts (Area IV) 65
mathematics (Area I) 64
multicultural requirement 66, 67
natural sciences (Area V) 66
oral communication competency 67
transcripts 57
registration 55
auditor seating privileges 57
cancellation of schedule by student 56
cancellation of student schedule by Registrar 56
cancellation of student schedule for non-payment of tuition and fees 45, 56
Course Look Up System 55
drop/add (changes of schedule) 56
finding courses in The Bulletin 55
general information 55
late 55
military duty, students called to active 56
permission for undergraduate students to register for graduate courses 57
permits 55
reasons for stops to registration 56
Registration Guide 55
reinstatement of student schedules cancelled for non-payment of tuition, and fees 45, 56
required preparatory courses 55
responsibilities pertaining to 55
special students 57
state employee 45
stop for outstanding charges 45
TCC/FSU University Cooperative Program 57
Web 55
regulations, academic 73
honorary policy, academic 73
rehabilitation counseling (services) 435
reinstatement of student schedules cancelled for non-payment of tuition 45, 56
Religion, Department of 395
religious holy days 77
repeat course surcharge 45
appeal 45
exceptions 45
general information 45
Research and Creative Endeavors, Office of Undergraduate 61
Research Facilities and Special Programs 27
Reserve Officer Training Corps (ROTC) 22
residence halls 51
residency
consequences for submitting a false application of 35
requirements for tuition purposes 41
restaurants, campus 92
retention, academic (required GPA) 79
Reynolds Hall Learning Community 51
Ringling Museum of Art, John and Mable 28, 175
Risk Management/Insurance and Real Estate and Program in Business Law, Department of 399
Rogers Hall 51
Rosenbloom Scholarship 88
Ruby Diamond Auditorium 125
Russian (modern languages and linguistics) 345
Russian and East European Studies, Interdisciplinary Program in 403
SAT 35, 55, 82
satisfactory/unsatisfactory (S/U) grading 55, 57, 78
Schendel Speech and Hearing Clinic, L.L. 24, 106
scholarships
Aerospace Studies 155
College of Business 102
College of Criminology and Criminal Justice 108
College of Engineering 114
College of Human Sciences 117
College of Music 126
College of Nursing 131
College of Social Work 138
freshman merit-based 36
general information 48
modern languages and linguistics 339
Rosenbloom 88
Southern Scholarship Foundation 52
transfer students with an AA 37
Tweedale NROTC Scholarship Program 22

Partnership for Alcohol Responsibility (PAR) 90
passports, for international students 39
Pepper Institute on Aging and Public Policy 135, 161, 269
persons with disabilities 12
Philosophy, Department of 375
photographs and videos, use of 14
physical education 421
Physics, Department of 379
Planning Studies, Minor in 457
policies, university
advising 59
Florida State University Statement for Students on the Unlawful Possession, Use, or Distribution of Illicit Drugs and Alcohol 15
HIV/AIDS 12
required first day attendance 12
sexual harassment 12
use of photographs and video in university publications 14
Political Science, Department of 385
Portuguese (modern languages and linguistics) 345
postal services 91
Union Copy Center 91
University Post Office 91
pre-collegiate programs
College Reach Out Program 61
University Experience Program 61
Upward Bound Program 61
Pre-Dentistry 183
Pre-Health Professions Advising Office 61, 122
Pre-Law 119
Pre-Medicine 200
Prepaid College Program, Florida 44
preparatory courses, required for registration 55
preprofessional majors 61
president's list 78
privacy
directory information 76
FERPA 75
release of student information 76
probation, academic 79
Professional Development, Center for 23
Psychology, Department of 389
Public Administration and Policy, Reubin O'D. Askew School of 135, 393
Publications
FSView & Florida Flambeau 251
Kudzu Review 251
Southeast Review 251
Public Management, The Florida Center for 23
public safety
FSU Victim Advocate Program 89
Public Safety, Department of 91
R
Radio WFSU-FM, WFSQ-FM and WVFS-FM 90
Reading/Writing Center 61
Reading and Language Arts, Program in 434
readmission
after multiple withdrawals 40, 80
university 39, 79
real estate program 400
records, access to 58
Recreation, Campus Office of 87
recreation and leisure services administration 422
recreation and sports 87
Bobby E. Leach Recreation Center 87
Campus Recreation Office 87
extramural sport clubs 87
intramurals 87
Outdoor Pursuits 87
Seminoles Recreation 87
refund of fees paid regulations 46
Registrar, Office of the University 55
enrollment certification 57
forms for course/credit modification 55
general information 55
reasons to consult 55
records, access to 58
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Planning guide 109</td>
</tr>
<tr>
<td>23</td>
<td>Teaching and Learning, Center for (CTL)</td>
</tr>
<tr>
<td>90</td>
<td>Television, WFSG-TV, WFSU-TV</td>
</tr>
<tr>
<td>37</td>
<td>Test of English as a Foreign Language (TOEFL)</td>
</tr>
<tr>
<td>70</td>
<td>test scores, as a condition of admission</td>
</tr>
<tr>
<td>35</td>
<td>Textiles and Consumer Science, Department of</td>
</tr>
<tr>
<td>447</td>
<td>Thagard Student Health Center (TSHC)</td>
</tr>
<tr>
<td>90</td>
<td>Theatre, Department of</td>
</tr>
<tr>
<td>51</td>
<td>facilities 452</td>
</tr>
<tr>
<td>451</td>
<td>honors 451</td>
</tr>
<tr>
<td>451</td>
<td>requirements 451</td>
</tr>
<tr>
<td>57</td>
<td>retention standards 451</td>
</tr>
<tr>
<td>57</td>
<td>transcripts 57</td>
</tr>
<tr>
<td>81</td>
<td>transfer credit 81</td>
</tr>
<tr>
<td>70</td>
<td>transferring among colleges for upper division students</td>
</tr>
<tr>
<td>37</td>
<td>transfer scholarships 37</td>
</tr>
<tr>
<td>36</td>
<td>transfer student application for admission</td>
</tr>
<tr>
<td>36</td>
<td>transient students, undergraduate interinstitutional</td>
</tr>
<tr>
<td>57</td>
<td>tuition</td>
</tr>
<tr>
<td>44</td>
<td>agency billing 44</td>
</tr>
<tr>
<td>44</td>
<td>department billing 44</td>
</tr>
<tr>
<td>44</td>
<td>drop box for payment 44</td>
</tr>
<tr>
<td>41</td>
<td>general information 41</td>
</tr>
<tr>
<td>44</td>
<td>installment contracts 44</td>
</tr>
<tr>
<td>45</td>
<td>out of state waivers 45</td>
</tr>
<tr>
<td>43</td>
<td>payment 43</td>
</tr>
<tr>
<td>45</td>
<td>registration stop for outstanding charges 45</td>
</tr>
<tr>
<td>41</td>
<td>residency requirements 41</td>
</tr>
<tr>
<td>45</td>
<td>waivers 45</td>
</tr>
<tr>
<td>61</td>
<td>University Experience Program 61, 88</td>
</tr>
<tr>
<td>88</td>
<td>Unlawful Possession, Use, or Distribution of Illicit Drugs and Alcohol,</td>
</tr>
<tr>
<td>15</td>
<td>Florida State University Statement for Students on the</td>
</tr>
<tr>
<td>70</td>
<td>upper division, progression to 70</td>
</tr>
<tr>
<td>61</td>
<td>Upward Bound Program 61, 88</td>
</tr>
<tr>
<td>89</td>
<td>Urban and Regional Planning, Department of</td>
</tr>
<tr>
<td>57</td>
<td>U</td>
</tr>
<tr>
<td>60</td>
<td>undeclared majors (exploratory)</td>
</tr>
<tr>
<td>25</td>
<td>undergraduate education, philosophy</td>
</tr>
<tr>
<td>57</td>
<td>undergraduate interinstitutional transient students</td>
</tr>
<tr>
<td>64</td>
<td>Undergraduate Studies, Division of</td>
</tr>
<tr>
<td>61</td>
<td>Undergraduate Studies, Office of</td>
</tr>
<tr>
<td>89</td>
<td>Union, Oglesby 89</td>
</tr>
<tr>
<td>8</td>
<td>university calendar 8</td>
</tr>
<tr>
<td>61</td>
<td>University Experience Program 61, 88</td>
</tr>
<tr>
<td>88</td>
<td>Unlawful Possession, Use, or Distribution of Illicit Drugs and Alcohol,</td>
</tr>
<tr>
<td>15</td>
<td>Florida State University Statement for Students on the</td>
</tr>
<tr>
<td>70</td>
<td>upper division, progression to 70</td>
</tr>
<tr>
<td>89</td>
<td>Veteran’s Affairs, Office of</td>
</tr>
<tr>
<td>46</td>
<td>veterans’ deferments 46</td>
</tr>
<tr>
<td>89</td>
<td>Victim Advocate Program, FSU</td>
</tr>
<tr>
<td>39</td>
<td>visa requirements, international students</td>
</tr>
<tr>
<td>51</td>
<td>visitation options, housing</td>
</tr>
<tr>
<td>141</td>
<td>Visual Arts, Theatre and Dance, College of</td>
</tr>
<tr>
<td>435</td>
<td>visual disabilities</td>
</tr>
<tr>
<td>60</td>
<td>W</td>
</tr>
<tr>
<td>70</td>
<td>waivers</td>
</tr>
<tr>
<td>14</td>
<td>CLAST 70</td>
</tr>
<tr>
<td>45</td>
<td>late registration payment</td>
</tr>
<tr>
<td>45</td>
<td>out-of-state tuition</td>
</tr>
<tr>
<td>45</td>
<td>tuition for Florida residents over 60 years of age</td>
</tr>
<tr>
<td>79</td>
<td>warning, academic</td>
</tr>
<tr>
<td>55</td>
<td>Web registration 55</td>
</tr>
<tr>
<td>51</td>
<td>Wellness Lifestyle Program</td>
</tr>
<tr>
<td>51</td>
<td>Wildwood Hall Learning Communities</td>
</tr>
<tr>
<td>339</td>
<td>Winthrop-King Institute for Contemporary French and Francophone Studies</td>
</tr>
<tr>
<td>80</td>
<td>withdrawal</td>
</tr>
<tr>
<td>80</td>
<td>from the university</td>
</tr>
<tr>
<td>80</td>
<td>medical course 80</td>
</tr>
<tr>
<td>40</td>
<td>readmission after multiple</td>
</tr>
<tr>
<td>89</td>
<td>Withdrawal Services 89</td>
</tr>
<tr>
<td>461</td>
<td>Women’s Studies 461</td>
</tr>
<tr>
<td>51</td>
<td>Women in Math, Science, and Engineering (WIMSE)</td>
</tr>
<tr>
<td>49</td>
<td>work study program</td>
</tr>
<tr>
<td>341</td>
<td>World Literature/World Film, minor in</td>
</tr>
<tr>
<td>341</td>
<td>World Literature/World Film, minor in</td>
</tr>
</tbody>
</table>
Florida State University

Writing (English) 251
WVFS Tallahassee (89.7 FM) 105

Youth Programs 88